TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 460-30837-1

Job Description: Former McCandless Site

For:
Antea USA, Inc.
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Bridgewater, NJ 08807

Attention: Ms. Carla Nascimento

Approved for release.
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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 Site

Report Number: 460-30837-1

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 09/09/2011; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 1.7C, 1.5C, 3.5C.

The container label for the following sample(s) did not match the information listed on the Chain-of-Custody (COC): The container labels list DUP_090911. The COC lists DUP_090811.

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

Samples 460-30837-30 and 460-30837-31 were analyzed for chloride in accordance with SM 4500 CL B. The samples were analyzed on 09/13/2011.

No difficulties were encountered during the chloride analyses.

All quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples 460-30837-1 through 460-30837-29 were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082. The samples were prepared on 09/14/2011 and analyzed on 09/15/2011, 09/16/2011, 09/20/2011 and 09/21/2011.

The following samples were diluted due to abundance of target analytes: 460-30837-2, 460-30837-3, 460-30837-7. As such, surrogate recoveries are not reported, and elevated reporting limits (RLs) are provided.

This sample was diluted due to abundance of target analytes: 460-30837-6. As such, surrogate recoveries are not reported, and elevated reporting limits (RLs) are provided.

This sample was diluted due to abundance of target analytes: 460-30837-5. As such, surrogate recoveries are not reported, and elevated reporting limits (RLs) are provided.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 85953 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Due to the level of dilution required for the following sample(s), surrogate recoveries are not reported: 460-30837-24, 460-30837-27.

This sample was diluted due to target analytes: 460-30837-8. As such, surrogate recoveries are not reported, and elevated reporting limits (RLs) are provided.

DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-30837-2. DCB Decachlorobiphenyl failed the surrogate

recovery criteria low for 460-30837-24. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-30837-27. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-30837-3. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-30837-4. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-30837-5. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-30837-6. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-30837-7. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-30837-8. Refer to the QC report for details.

Aroclor 1260 failed the recovery criteria low for the MS of sample 460-30837-21 in batch 460-86921. Aroclor 1016 failed the recovery criteria high.

Aroclor 1260 failed the recovery criteria low for the MSD of sample 460-30837-21 in batch 460-86039. Aroclor 1016 failed the recovery criteria high.

Refer to the QC report for details.

Samples 460-30837-2(100X), 460-30837-3(100X), 460-30837-4 through 460-30837-6(5000X), 460-30837-7(500X), 460-30837-8(10X), 460-30837-21(5X), 460-30837-24(20X) and 460-30837-27(200X) 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)

Samples 460-30837-30 and 460-30837-31 were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082. The samples were prepared on 09/12/2011 and analyzed on 09/13/2011.

No difficulties were encountered during the PCBs analyses.

All quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-30837-1 through 460-30837-29 and 460-30837-32 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were prepared on 09/10/2011 and analyzed on 09/14/2011, 09/15/2011, 09/16/2011 and 09/21/2011.

The matrix spike (MS) recoveries for batch 85734 were outside control limits for trans-1,3-Dichloropropene. The associated laboratory control sample (LCS) recovery met acceptance criteria.

The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for batch 86290 exceeded control limits for the following analyte: Cyclohexane. This analyte was biased high in the LCS/LCSD and was not detected in the associated samples; therefore, the data have been reported.

The following samples were diluted due to the abundance of target and non-target analytes: 460-30837-1, 460-30837-2, 460-30837-3, 460-30837-4, 460-30837-5, 460-30837-6, 460-30837-7. Elevated reporting limits (RLs) are provided.

The laboratory control sample duplicate (LCSD) recovery and LCS/LCSD %RPD for Carbon Disulfide were outside control limits in batch 86112. The data has been flagged and reported.

Methylene Chloride was detected in method blank MB 460-86290/5 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. Acetone was detected in method blank MB 460-86290/5 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 460-86306/5 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 460-86306/5 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 460-86784/5 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. Refer to the QC report for details.

Cyclohexane failed the recovery criteria high for LCS 460-86290/23. Carbon disulfide failed the recovery criteria low for LCSD 460-86112/16. Carbon disulfide exceeded the rpd limit. Cyclohexane failed the recovery criteria high for LCSD 460-86290/4. 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.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-30837-30 and 460-30837-31 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 09/12/2011.

trans-1,3-Dichloropropene failed the recovery criteria low for the MS of sample 460-30743-7 in batch 460-85734. 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 460-30837-1 through 460-30837-29 were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 09/13/2011, 09/16/2011 and 09/19/2011 and analyzed on 09/14/2011, 09/15/2011, 09/17/2011, 09/18/2011, 09/20/2011 and 09/21/2011.

The laboratory control sample (LCS) and / or the laboratory control sample duplicate (LCSD) for batch 85863 exceeded control limits for the following analytes: Benzaldehyde.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 85882 were outside control limits for 2,3,4,6-Tetrachlorophenol. The associated laboratory control sample (LCS) recovery met acceptance criteria.

The matrix spike / matrix spike duplicate (MS/MSD) precision for batch 85882 was outside control limits for 2,4-Dinitrophenol and 4,6-Dinitro-2-methylphenol.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 86273 were outside control limits for Benzo(a)pyrene and/or Benzo(b)fluoranthene. The associated laboratory control sample (LCS) recovery met acceptance criteria.

The laboratory control sample (LCS) and / or the laboratory control sample duplicate (LCSD) for batch 86534 exceeded control limits for the following analytes: 1,2,4,5-Tetrachlorobenzene.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 86534 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

The following sample(s) contained one acid and/or one base surrogate outside acceptance limits: 460-30837-5. 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.

Sample 460-30837-2, 460-30837-5, 460-30837-7 contains n-Octadecane above the calibration, however this compound was not requested analyte, therefore further dilution was not performed.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 86659 were outside control limits for 2,3,4,6-Tetrachlorophenol, 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol and 4-Bromophenyl phenylether. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Nitrobenzene-d5 failed the surrogate recovery criteria high for 460-30837-5. Refer to the QC report for details.

1,2,4,5-Tetrachlorobenzene failed the recovery criteria low for LCS 460-86534/2-A. Refer to the QC report for details.

2,3,4,6-Tetrachlorophenol failed the recovery criteria low for the MS of sample 460-30505-4 in batch 460-86039.

2,3,4,6-Tetrachlorophenol failed the recovery criteria low for the MSD of sample 460-30505-4 in batch 460-86807. 2,4-Dinitrophenol and 4,6-Dinitro-2-methylphenol exceeded the rpd limit.

Benzo[a]pyrene, Benzo[b]fluoranthene, Benzo[g,h,i]perylene and Indeno[1,2,3-cd]pyrene failed the recovery criteria high for the MS of sample 460-30837-28 in batch 460-86807.

1,2,4,5-Tetrachlorobenzene failed the recovery criteria low for the MSD of sample 460-30837-28 in batch 460-86827. Benzo[a]pyrene and Di-n-octyl phthalate failed the recovery criteria high.

2,3,4,6-Tetrachlorophenol, 2,4-Dinitrophenol and 4,6-Dinitro-2-methylphenol failed the recovery criteria low for the MS of sample 460-30849-6 in batch 460-86827. 4-Bromophenyl phenyl ether failed the recovery criteria high.

2,3,4,6-Tetrachlorophenol, 2,4-Dinitrophenol and 4,6-Dinitro-2-methylphenol failed the recovery criteria low for the MSD of sample 460-30849-6 in batch 460-86513.

Benzo[a]pyrene failed the recovery criteria high for the MS of sample 460-31126-4 in batch 460-86513.

Benzo[a]pyrene and Benzo[b]fluoranthene failed the recovery criteria high for the MSD of sample 460-31126-4 in batch 460-85734.

Refer to the QC report for details.

Samples 460-30837-2(2X), 460-30837-3(2X), 460-30837-4 through 460-30837-6(5X) and 460-30837-27(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)

Samples 460-30837-30 and 460-30837-31 were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 09/13/2011 and analyzed on 09/14/2011.

Benzaldehyde failed the recovery criteria high for LCS 460-85863/2-A. Benzaldehyde failed the recovery criteria high for LCSD 460-85863/3-A. Refer to the QC report for details.

No other difficulties were encountered during the semivolatiles analyses.

All other quality control parameters were within the acceptance limits.

PERCENT SOLIDS

Samples 460-30837-1 through 460-30837-29 were analyzed for percent solids in accordance with ASTM D2974-87 Modified. The samples were analyzed on 09/13/2011.

No difficulties were encountered during the % solids analyses.

All quality control parameters were within the acceptance limits.

TOTAL PETROLEUM HYDROCARBONS

Samples 460-30837-1 through 460-30837-29 were analyzed for total petroleum hydrocarbons in accordance with NJ-OQA-QAM-025. The samples were prepared on 09/13/2011 and analyzed on 09/14/2011, 09/15/2011 and 09/16/2011.

Chlorobenzene and o-Terphenyl failed the surrogate recovery criteria low for 460-30837-1. Chlorobenzene and o-Terphenyl failed the surrogate recovery criteria low for 460-30837-2. Chlorobenzene and o-Terphenyl failed the surrogate recovery criteria low for 460-30837-24. Chlorobenzene and o-Terphenyl failed the surrogate recovery criteria low for 460-30837-27. Chlorobenzene and o-Terphenyl failed the surrogate recovery criteria low for 460-30837-3. Chlorobenzene and o-Terphenyl failed the surrogate recovery criteria low for 460-30837-4. Chlorobenzene and o-Terphenyl failed the surrogate recovery criteria low for 460-30837-5. Chlorobenzene and o-Terphenyl failed the surrogate recovery criteria low for 460-30837-6. Chlorobenzene and o-Terphenyl failed the surrogate recovery criteria low for 460-30837-7. Refer to the QC report for details.

Samples 460-30837-1(20X), 460-30837-2 through 460-30837-4(100X), 460-30837-5(200X), 460-30837-6(100X), 460-30837-7(100X), 460-30837-24(10X) and 460-30837-27(100X) 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

Samples 460-30837-30 and 460-30837-31 were analyzed for total petroleum hydrocarbons in accordance with NJ-OQA-QAM-025. The samples were prepared on 09/13/2011 and analyzed on 09/16/2011.

The following samples were diluted due abundance of target analytes: 460-30837-1, 460-30837-2, 460-30837-3, 460-30837-4, 460-30837-5, 460-30837-6, 460-30837-7. As such, surrogate recoveries are not reported, and elevated reporting limits (RLs) are provided.

The following sample(s) was diluted due to abundance of target analytes: 460-30837-24, 460-30837-27. As such, surrogate recoveries are not reported, and elevated reporting limits (RLs) are provided.

No difficulties were encountered during the QAM-025 analyses.

All quality control parameters were within the acceptance limits.

ASTM CHLORIDE

Samples 460-30837-1 through 460-30837-29 were analyzed for ASTM chloride in accordance with SM 4500 Cl-E. The samples were leached on 09/26/2011 and 09/27/2011 and analyzed on 09/28/2011.

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: 460-30837-1, 460-30837-2, 460-30837-3, 460-30837-4, 460-30837-5, 460-30837-6, 460-30837-7, 460-30837-8, 460-30837-9, 460-30837-10, 460-30837-11, 460-30837-12, 460-30837-13, 460-30837-14, 460-30837-15, 460-30837-16, 460-30837-17, 460-30837-18, 460-30837-19, 460-30837-20. 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.

Method(s) D3987-85: Insufficient sample was provided to perform the leaching procedure with the required 70g for the following samples: 460-30837-21, 460-30837-22, 460-30837-23, 460-30837-24, 460-30837-25, 460-30837-26, 460-30837-27, 460-30837-28, 460-30837-29. 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: 460-30837-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-30837-1	PMP-2-VD-S (3.5-4.0)	Solid	09/08/2011 1615	09/09/2011 1410
460-30837-2	PMP-2-WT-S (8.0-8.5)	Solid	09/08/2011 1620	09/09/2011 1410
460-30837-3	PMP-2-SI-S (10.5-11.0)	Solid	09/08/2011 1625	09/09/2011 1410
460-30837-4	PMP-24-VS-S (1-3)	Solid	09/08/2011 1640	09/09/2011 1410
460-30837-5	PMP-24-VD-S (4.5-6.0)	Solid	09/08/2011 1645	09/09/2011 1410
460-30837-6	PMP-24-WT-S (6.5-8.5)	Solid	09/08/2011 1655	09/09/2011 1410
460-30837-7	PMP-24-SI-S (10.5-12.5)	Solid	09/08/2011 1705	09/09/2011 1410
460-30837-8	PMP-22-VS-S (1.5-2.0)	Solid	09/08/2011 1725	09/09/2011 1410
460-30837-9	PMP-22-VD-S (3.5-5.0)	Solid	09/08/2011 1730	09/09/2011 1410
460-30837-10	PMP-22-WT-S (7.0-8.5)	Solid	09/08/2011 1735	09/09/2011 1410
460-30837-11	PMP-23-VS-S (1-3)	Solid	09/08/2011 1740	09/09/2011 1410
460-30837-12	PMP-23-WT-S (6.5-8.5)	Solid	09/08/2011 1750	09/09/2011 1410
460-30837-13	PMP-23-VD-S (3.5-5.0)	Solid	09/08/2011 1745	09/09/2011 1410
460-30837-14	PMP-12-VS-S (0.5-1.0)	Solid	09/09/2011 0905	09/09/2011 1410
460-30837-15	PMP-12-VD-S (2.5-3.0)	Solid	09/09/2011 0910	09/09/2011 1410
460-30837-16	PMP-12-WT-S (7.0-7.5)	Solid	09/09/2011 0915	09/09/2011 1410
460-30837-17FD	Dup_090811	Solid	09/09/2011 0000	09/09/2011 1410
460-30837-18	PMP-25-VS-S (1-3)	Solid	09/09/2011 0935	09/09/2011 1410
460-30837-19	PMP-25-VD-S (3-5)	Solid	09/09/2011 0940	09/09/2011 1410
460-30837-20	PMP-25-WT-S (7.5-9.5)	Solid	09/09/2011 0945	09/09/2011 1410
460-30837-21	PMP-14-VS-S (0.5-1.0)	Solid	09/09/2011 1000	09/09/2011 1410
460-30837-22	PMP-14-VD-S (2.5-3.0)	Solid	09/09/2011 1005	09/09/2011 1410
460-30837-23	PMP-14-WT-S (7.0-7.5)	Solid	09/09/2011 1010	09/09/2011 1410
460-30837-24	PMP-8-VS-S (0.5-1.0)	Solid	09/09/2011 1015	09/09/2011 1410
460-30837-25	PMP-8-VD-S (2.5-3.0)	Solid	09/09/2011 1020	09/09/2011 1410
460-30837-26	PMP-8-WT-S (7.0-7.5)	Solid	09/09/2011 1025	09/09/2011 1410
460-30837-27	PMP-4-VS-S (0.5-1.0)	Solid	09/09/2011 1030	09/09/2011 1410
460-30837-28	PMP-4-VD-S (2.5-3.0)	Solid	09/09/2011 1035	09/09/2011 1410
460-30837-29	PMP-4-WT-S (7.0-7.5)	Solid	09/09/2011 1040	09/09/2011 1410
460-30837-30FB	FB_090811	Water	09/08/2011 1400	09/09/2011 1410
460-30837-31	FB_090911	Water	09/09/2011 0745	09/09/2011 1410
460-30837-32TB	TB_090911	Solid	09/09/2011 0000	09/09/2011 1410

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-30837-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-30837-1	**PMP-2-VD-S (3.5-4.0)**					
1,2-Dichlorobenzene		60		28	ug/Kg	8260B
1,3-Dichlorobenzene		47		28	ug/Kg	8260B
1,4-Dichlorobenzene		190		28	ug/Kg	8260B
1,2,4-Trichlorobenzene		690		28	ug/Kg	8260B
1,2,3-Trichlorobenzene		89		28	ug/Kg	8260B
Total Petroleum Hydrocarbons (C8-C40)		2800		120	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		6.1		1.0	%	Moisture
Percent Solids		93.9		1.0	%	Moisture
460-30837-2	**PMP-2-WT-S (8.0-8.5)**					
Chloroform		14	J	59	ug/Kg	8260B
Ethylbenzene		110		59	ug/Kg	8260B
Chlorobenzene		60		59	ug/Kg	8260B
Isopropylbenzene		56	J	59	ug/Kg	8260B
1,2-Dichlorobenzene		5700		59	ug/Kg	8260B
1,3-Dichlorobenzene		2700		59	ug/Kg	8260B
1,4-Dichlorobenzene		9800		59	ug/Kg	8260B
1,2,4-Trichlorobenzene		6700		59	ug/Kg	8260B
1,2,3-Trichlorobenzene		3800		59	ug/Kg	8260B
Methylcyclohexane		20	J	59	ug/Kg	8260B
Tetrachloroethene		18	J	59	ug/Kg	8260B
Xylenes, Total		1200		180	ug/Kg	8260B
Naphthalene		3400		750	ug/Kg	8270C
2-Methylnaphthalene		11000		750	ug/Kg	8270C
Fluorene		620	J	750	ug/Kg	8270C
Phenanthrene		1900		750	ug/Kg	8270C
Pyrene		130	J	750	ug/Kg	8270C
Aroclor 1242		160000		7700	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		7100		630	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		12.5		1.0	%	Moisture
Percent Solids		87.5		1.0	%	Moisture
ASTM						
Chloride-ASTM		22.0	J	100	mg/Kg	SM 4500 Cl- E

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-30837-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-30837-3	**PMP-2-SI-S (10.5-11.0)**					
Carbon disulfide		19	J *	59	ug/Kg	8260B
cis-1,2-Dichloroethene		16	J	59	ug/Kg	8260B
Ethylbenzene		660		59	ug/Kg	8260B
Chlorobenzene		150		59	ug/Kg	8260B
Cyclohexane		14	J	59	ug/Kg	8260B
Isopropylbenzene		200		59	ug/Kg	8260B
Trichloroethene		46	J	59	ug/Kg	8260B
Toluene		400		59	ug/Kg	8260B
1,2-Dichlorobenzene		3700		59	ug/Kg	8260B
1,3-Dichlorobenzene		2400		59	ug/Kg	8260B
1,4-Dichlorobenzene		7500		59	ug/Kg	8260B
1,2,4-Trichlorobenzene		4300		59	ug/Kg	8260B
1,2,3-Trichlorobenzene		2600		59	ug/Kg	8260B
Methylcyclohexane		450		59	ug/Kg	8260B
Xylenes, Total		3900		180	ug/Kg	8260B
Naphthalene		3700		780	ug/Kg	8270C
2-Methylnaphthalene		15000		780	ug/Kg	8270C
Diphenyl		720	J	780	ug/Kg	8270C
Acenaphthene		830		780	ug/Kg	8270C
Fluorene		780		780	ug/Kg	8270C
Phenanthrene		2300		780	ug/Kg	8270C
Aroclor 1242		170000		7900	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		6800		650	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		15.2		1.0	%	Moisture
Percent Solids		84.8		1.0	%	Moisture
ASTM						
Chloride-ASTM		24.4	J	100	mg/Kg	SM 4500 Cl- E

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-30837-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-30837-4	**PMP-24-VS-S (1-3)**					
trans-1,2-Dichloroethene		51		45	ug/Kg	8260B
cis-1,2-Dichloroethene		2000		45	ug/Kg	8260B
Benzene		9.6	J	45	ug/Kg	8260B
Ethylbenzene		1400		45	ug/Kg	8260B
Chlorobenzene		410		45	ug/Kg	8260B
Cyclohexane		100		45	ug/Kg	8260B
Isopropylbenzene		500		45	ug/Kg	8260B
Trichloroethene		600		45	ug/Kg	8260B
Toluene		430		45	ug/Kg	8260B
1,2-Dichlorobenzene		2000		45	ug/Kg	8260B
1,3-Dichlorobenzene		29	J	45	ug/Kg	8260B
1,4-Dichlorobenzene		200		45	ug/Kg	8260B
1,2,4-Trichlorobenzene		16000		45	ug/Kg	8260B
1,2,3-Trichlorobenzene		2700		45	ug/Kg	8260B
Methylcyclohexane		1100		45	ug/Kg	8260B
Tetrachloroethene		880		45	ug/Kg	8260B
Xylenes, Total		5100		130	ug/Kg	8260B
2-Methylnaphthalene		4300		1800	ug/Kg	8270C
Diphenyl		970	J	1800	ug/Kg	8270C
Acenaphthene		370	J	1800	ug/Kg	8270C
Phenanthrene		520	J	1800	ug/Kg	8270C
Aroclor 1242		7100000		360000	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		9600		590	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		6.7		1.0	%	Moisture
Percent Solids		93.3		1.0	%	Moisture
ASTM						
Chloride-ASTM		23.6	J	100	mg/Kg	SM 4500 Cl- E

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-30837-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-30837-5	**PMP-24-VD-S (4.5-6.0)**					
trans-1,2-Dichloroethene		48	J	330	ug/Kg	8260B
cis-1,2-Dichloroethene		3500		330	ug/Kg	8260B
1,1,1-Trichloroethane		370		330	ug/Kg	8260B
Benzene		85	J	330	ug/Kg	8260B
Styrene		8000		330	ug/Kg	8260B
Ethylbenzene		6600		330	ug/Kg	8260B
Chlorobenzene		1800		330	ug/Kg	8260B
Isopropylbenzene		820		330	ug/Kg	8260B
Freon TF		2800		330	ug/Kg	8260B
Trichloroethene		110000		330	ug/Kg	8260B
Toluene		5000		330	ug/Kg	8260B
1,2-Dichlorobenzene		3900		330	ug/Kg	8260B
1,4-Dichlorobenzene		350		330	ug/Kg	8260B
1,2,4-Trichlorobenzene		21000		330	ug/Kg	8260B
1,2,3-Trichlorobenzene		2900		330	ug/Kg	8260B
Methylcyclohexane		1100		330	ug/Kg	8260B
Tetrachloroethene		4600		330	ug/Kg	8260B
Xylenes, Total		37000		980	ug/Kg	8260B
Naphthalene		14000		1800	ug/Kg	8270C
4-Chloroaniline		17000		1800	ug/Kg	8270C
2-Methylnaphthalene		26000		1800	ug/Kg	8270C
Diphenyl		3200		1800	ug/Kg	8270C
Acenaphthene		990	J	1800	ug/Kg	8270C
Dibenzofuran		610	J	1800	ug/Kg	8270C
Fluorene		770	J	1800	ug/Kg	8270C
Phenanthrene		2000		1800	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		730	J	1800	ug/Kg	8270C
Aroclor 1242		5400000		370000	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		22000		1200	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		9.7		1.0	%	Moisture
Percent Solids		90.3		1.0	%	Moisture
ASTM						
Chloride-ASTM		65.1	J	100	mg/Kg	SM 4500 Cl- E

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-30837-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-30837-6	**PMP-24-WT-S (6.5-8.5)**					
cis-1,2-Dichloroethene		180		53	ug/Kg	8260B
Chloroform		33	J	53	ug/Kg	8260B
Styrene		1200		53	ug/Kg	8260B
Ethylbenzene		4400		53	ug/Kg	8260B
Chlorobenzene		450		53	ug/Kg	8260B
Isopropylbenzene		740		53	ug/Kg	8260B
Freon TF		69		53	ug/Kg	8260B
Trichloroethene		3700		53	ug/Kg	8260B
Toluene		880		53	ug/Kg	8260B
1,2-Dichlorobenzene		1400		53	ug/Kg	8260B
1,3-Dichlorobenzene		18	J	53	ug/Kg	8260B
1,4-Dichlorobenzene		130		53	ug/Kg	8260B
1,2,4-Trichlorobenzene		11000		53	ug/Kg	8260B
1,2,3-Trichlorobenzene		1500		53	ug/Kg	8260B
Methylcyclohexane		400		53	ug/Kg	8260B
Tetrachloroethene		600		53	ug/Kg	8260B
Xylenes, Total		13000		160	ug/Kg	8260B
4-Chloroaniline		1800	J	1900	ug/Kg	8270C
2-Methylnaphthalene		1500	J	1900	ug/Kg	8270C
Diphenyl		640	J	1900	ug/Kg	8270C
Phenanthrene		830	J	1900	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		400	J	1900	ug/Kg	8270C
Aroclor 1242		5700000		390000	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		13000		640	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		14.1		1.0	%	Moisture
Percent Solids		85.9		1.0	%	Moisture
ASTM						
Chloride-ASTM		37.8	J	100	mg/Kg	SM 4500 Cl- E

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-30837-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-30837-7	**PMP-24-SI-S (10.5-12.5)**					
Carbon disulfide		26	J *	48	ug/Kg	8260B
cis-1,2-Dichloroethene		200		48	ug/Kg	8260B
Chloroform		33	J	48	ug/Kg	8260B
Styrene		770		48	ug/Kg	8260B
Ethylbenzene		4800		48	ug/Kg	8260B
Chlorobenzene		480		48	ug/Kg	8260B
Isopropylbenzene		860		48	ug/Kg	8260B
Freon TF		37	J	48	ug/Kg	8260B
Trichloroethene		1800		48	ug/Kg	8260B
Toluene		1000		48	ug/Kg	8260B
1,2-Dichlorobenzene		1600		48	ug/Kg	8260B
1,3-Dichlorobenzene		25	J	48	ug/Kg	8260B
1,4-Dichlorobenzene		170		48	ug/Kg	8260B
1,2,4-Trichlorobenzene		12000		48	ug/Kg	8260B
1,2,3-Trichlorobenzene		1700		48	ug/Kg	8260B
Methylcyclohexane		970		48	ug/Kg	8260B
Tetrachloroethene		570		48	ug/Kg	8260B
Xylenes, Total		15000		140	ug/Kg	8260B
4-Chloroaniline		130	J	380	ug/Kg	8270C
2-Methylnaphthalene		91	J	380	ug/Kg	8270C
Phenanthrene		310	J	380	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		90	J	380	ug/Kg	8270C
Aroclor 1242		830000		39000	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		7300		630	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		13.4		1.0	%	Moisture
Percent Solids		86.6		1.0	%	Moisture
ASTM						
Chloride-ASTM		33.0	J	100	mg/Kg	SM 4500 Cl- E

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-30837-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-30837-8	**PMP-22-VS-S (1.5-2.0)**					
Methylene Chloride		2.2		1.1	ug/Kg	8260B
Acetone		24		11	ug/Kg	8260B
Ethylbenzene		2.0		1.1	ug/Kg	8260B
Trichloroethene		2.8		1.1	ug/Kg	8260B
Toluene		1.0	J	1.1	ug/Kg	8260B
Xylenes, Total		6.6		3.2	ug/Kg	8260B
Naphthalene		430		350	ug/Kg	8270C
4-Chloroaniline		420		350	ug/Kg	8270C
2-Methylnaphthalene		800		350	ug/Kg	8270C
Diphenyl		110	J	350	ug/Kg	8270C
Aroclor 1248		12000		710	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		64		5.8	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		5.7		1.0	%	Moisture
Percent Solids		94.3		1.0	%	Moisture
ASTM						
Chloride-ASTM		29.2	J	100	mg/Kg	SM 4500 Cl- E
460-30837-9	**PMP-22-VD-S (3.5-5.0)**					
Methylene Chloride		0.78		0.59	ug/Kg	8260B
Acetone		22	B	5.9	ug/Kg	8260B
Ethylbenzene		0.63		0.59	ug/Kg	8260B
Toluene		0.20	J	0.59	ug/Kg	8260B
Xylenes, Total		2.8		1.8	ug/Kg	8260B
Aroclor 1242		1400		70	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		30		5.8	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		5.2		1.0	%	Moisture
Percent Solids		94.8		1.0	%	Moisture
ASTM						
Chloride-ASTM		32.9	J	100	mg/Kg	SM 4500 Cl- E
460-30837-10	**PMP-22-WT-S (7.0-8.5)**					
Methylene Chloride		0.91		0.73	ug/Kg	8260B
Acetone		7.7		7.3	ug/Kg	8260B
Aroclor 1242		590		80	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		29		6.6	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		16.2		1.0	%	Moisture
Percent Solids		83.8		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-30837-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-30837-11	**PMP-23-VS-S (1-3)**					
Methylene Chloride		2.6		1.2	ug/Kg	8260B
Acetone		31		12	ug/Kg	8260B
Ethylbenzene		1.2		1.2	ug/Kg	8260B
Toluene		0.83	J	1.2	ug/Kg	8260B
Xylenes, Total		4.1		3.6	ug/Kg	8260B
Aroclor 1248		1000		70	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		62		5.8	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		4.7		1.0	%	Moisture
Percent Solids		95.3		1.0	%	Moisture
ASTM						
Chloride-ASTM		130		100	mg/Kg	SM 4500 Cl- E
460-30837-12	**PMP-23-WT-S (6.5-8.5)**					
Methylene Chloride		1.1		0.60	ug/Kg	8260B
Acetone		11		6.0	ug/Kg	8260B
Ethylbenzene		0.20	J	0.60	ug/Kg	8260B
Aroclor 1248		160		76	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		24		6.3	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		12.2		1.0	%	Moisture
Percent Solids		87.8		1.0	%	Moisture
ASTM						
Chloride-ASTM		46.2	J	100	mg/Kg	SM 4500 Cl- E
460-30837-13	**PMP-23-VD-S (3.5-5.0)**					
Methylene Chloride		1.2		0.60	ug/Kg	8260B
Acetone		12		6.0	ug/Kg	8260B
Aroclor 1248		120		70	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		7.0	*	5.7	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		3.7		1.0	%	Moisture
Percent Solids		96.3		1.0	%	Moisture
ASTM						
Chloride-ASTM		46.2	J	100	mg/Kg	SM 4500 Cl- E

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-30837-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-30837-14	**PMP-12-VS-S (0.5-1.0)**					
Methylene Chloride		4.1	B	1.5	ug/Kg	8260B
Aroclor 1248		60	J	71	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		97		5.8	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		5.8		1.0	%	Moisture
Percent Solids		94.2		1.0	%	Moisture
ASTM						
Chloride-ASTM		25.7	J	100	mg/Kg	SM 4500 Cl- E
460-30837-15	**PMP-12-VD-S (2.5-3.0)**					
Methylene Chloride		3.2	B	1.0	ug/Kg	8260B
Acetone		37	B	10	ug/Kg	8260B
Toluene		0.34	J	1.0	ug/Kg	8260B
Aroclor 1248		24	J	70	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		9.8		5.7	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		3.8		1.0	%	Moisture
Percent Solids		96.2		1.0	%	Moisture
ASTM						
Chloride-ASTM		32.4	J	100	mg/Kg	SM 4500 Cl- E
460-30837-16	**PMP-12-WT-S (7.0-7.5)**					
Methylene Chloride		0.53		0.49	ug/Kg	8260B
Acetone		4.7	J	4.9	ug/Kg	8260B
Aroclor 1248		32	J	76	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		8.6		6.2	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		11.9		1.0	%	Moisture
Percent Solids		88.1		1.0	%	Moisture
ASTM						
Chloride-ASTM		29.5	J	100	mg/Kg	SM 4500 Cl- E
460-30837-17FD	**DUP_090811**					
Methylene Chloride		1.3		0.48	ug/Kg	8260B
Acetone		14		4.8	ug/Kg	8260B
Aroclor 1248		32	J	75	ug/Kg	8082
Percent Moisture		10.9		1.0	%	Moisture
Percent Solids		89.1		1.0	%	Moisture
ASTM						
Chloride-ASTM		23.8	J	100	mg/Kg	SM 4500 Cl- E

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-30837-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-30837-18	**PMP-25-VS-S (1-3)**					
Methylene Chloride		2.5		0.91	ug/Kg	8260B
Acetone		8.9	J	9.1	ug/Kg	8260B
Ethylbenzene		0.22	J	0.91	ug/Kg	8260B
Aroclor 1260		45	J	72	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		25		5.9	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		7.1		1.0	%	Moisture
Percent Solids		92.9		1.0	%	Moisture
ASTM						
Chloride-ASTM		29.7	J	100	mg/Kg	SM 4500 Cl- E
460-30837-19	**PMP-25-VD-S (3-5)**					
Methylene Chloride		2.3	B	0.98	ug/Kg	8260B
Acetone		8.2	J B	9.8	ug/Kg	8260B
Percent Moisture		13.3		1.0	%	Moisture
Percent Solids		86.7		1.0	%	Moisture
ASTM						
Chloride-ASTM		30.5	J	100	mg/Kg	SM 4500 Cl- E
460-30837-20	**PMP-25-WT-S (7.5-9.5)**					
Methylene Chloride		2.0	B	0.56	ug/Kg	8260B
Acetone		12	B	5.6	ug/Kg	8260B
Percent Moisture		12.2		1.0	%	Moisture
Percent Solids		87.8		1.0	%	Moisture
460-30837-21	**PMP-14-VS-S (0.5-1.0)**					
Methylene Chloride		2.4	B	1.3	ug/Kg	8260B
Acetone		22	B	13	ug/Kg	8260B
Ethylbenzene		1.5		1.3	ug/Kg	8260B
Toluene		1.1	J	1.3	ug/Kg	8260B
Xylenes, Total		4.5		4.0	ug/Kg	8260B
Aroclor 1248		5300		350	ug/Kg	8082
Aroclor 1260		2800		350	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		54		5.7	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		4.0		1.0	%	Moisture
Percent Solids		96.0		1.0	%	Moisture
ASTM						
Chloride-ASTM		45.5	J	100	mg/Kg	SM 4500 Cl- E

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-30837-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-30837-22	**PMP-14-VD-S (2.5-3.0)**					
Methylene Chloride		2.7	B	0.96	ug/Kg	8260B
Acetone		6.8	J B	9.6	ug/Kg	8260B
Total Petroleum Hydrocarbons (C8-C40)		26		5.7	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		3.6		1.0	%	Moisture
Percent Solids		96.4		1.0	%	Moisture
460-30837-23	**PMP-14-WT-S (7.0-7.5)**					
Methylene Chloride		2.6	B	0.95	ug/Kg	8260B
Acetone		26	B	9.5	ug/Kg	8260B
Chloroform		1.2		0.95	ug/Kg	8260B
Total Petroleum Hydrocarbons (C8-C40)		66		6.2	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		11.2		1.0	%	Moisture
Percent Solids		88.8		1.0	%	Moisture
ASTM						
Chloride-ASTM		29.2	J	100	mg/Kg	SM 4500 Cl- E
460-30837-24	**PMP-8-VS-S (0.5-1.0)**					
Methylene Chloride		3.8	B	1.1	ug/Kg	8260B
Acetone		31	B	11	ug/Kg	8260B
Ethylbenzene		0.66	J	1.1	ug/Kg	8260B
Toluene		0.66	J	1.1	ug/Kg	8260B
Xylenes, Total		2.4	J	3.4	ug/Kg	8260B
Aroclor 1248		23000		1400	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		420		58	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		5.6		1.0	%	Moisture
Percent Solids		94.4		1.0	%	Moisture
ASTM						
Chloride-ASTM		67.9	J	100	mg/Kg	SM 4500 Cl- E
460-30837-25	**PMP-8-VD-S (2.5-3.0)**					
Methylene Chloride		3.7	B	0.96	ug/Kg	8260B
Acetone		39	B	9.6	ug/Kg	8260B
Aroclor 1248		260		70	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		29		5.7	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		3.7		1.0	%	Moisture
Percent Solids		96.3		1.0	%	Moisture
ASTM						
Chloride-ASTM		25.1	J	100	mg/Kg	SM 4500 Cl- E

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-30837-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-30837-26	**PMP-8-WT-S (7.0-7.5)**					
Methylene Chloride		3.8	B	0.95	ug/Kg	8260B
Acetone		28	B	9.5	ug/Kg	8260B
Toluene		0.30	J	0.95	ug/Kg	8260B
Aroclor 1248		110		76	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		29		6.3	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		12.3		1.0	%	Moisture
Percent Solids		87.7		1.0	%	Moisture
ASTM						
Chloride-ASTM		45.2	J	100	mg/Kg	SM 4500 Cl- E
460-30837-27	**PMP-4-VS-S (0.5-1.0)**					
Methylene Chloride		4.5	B	0.87	ug/Kg	8260B
Acetone		12	B	8.7	ug/Kg	8260B
Ethylbenzene		0.35	J	0.87	ug/Kg	8260B
Trichloroethene		1.2		0.87	ug/Kg	8260B
Toluene		0.56	J	0.87	ug/Kg	8260B
1,2-Dichlorobenzene		0.78	J	0.87	ug/Kg	8260B
1,4-Dichlorobenzene		0.74	J	0.87	ug/Kg	8260B
1,2,4-Trichlorobenzene		6.0		0.87	ug/Kg	8260B
1,2,3-Trichlorobenzene		4.3		0.87	ug/Kg	8260B
Tetrachloroethene		0.94		0.87	ug/Kg	8260B
Xylenes, Total		0.80	J	2.6	ug/Kg	8260B
Benzo[b]fluoranthene		39	J	72	ug/Kg	8270C
Benzo[a]pyrene		17	J	72	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		170	J	720	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		28	J	72	ug/Kg	8270C
Aroclor 1248		210000		15000	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		2900		600	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		7.9		1.0	%	Moisture
Percent Solids		92.1		1.0	%	Moisture
ASTM						
Chloride-ASTM		31.6	J	100	mg/Kg	SM 4500 Cl- E

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-30837-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-30837-28	**PMP-4-VD-S (2.5-3.0)**					
Methylene Chloride		3.6	B	0.92	ug/Kg	8260B
Acetone		32	B	9.2	ug/Kg	8260B
Toluene		0.35	J	0.92	ug/Kg	8260B
Aroclor 1248		990		70	ug/Kg	8082
Aroclor 1260		200		70	ug/Kg	8082
Percent Moisture		4.0		1.0	%	Moisture
Percent Solids		96.0		1.0	%	Moisture
ASTM						
Chloride-ASTM		21.8	J	100	mg/Kg	SM 4500 Cl- E
460-30837-29	**PMP-4-WT-S (7.0-7.5)**					
Methylene Chloride		1.1	B	0.54	ug/Kg	8260B
Acetone		8.8	B	5.4	ug/Kg	8260B
Percent Moisture		12.9		1.0	%	Moisture
Percent Solids		87.1		1.0	%	Moisture
ASTM						
Chloride-ASTM		28.7	J	100	mg/Kg	SM 4500 Cl- E
460-30837-32TB	**TB_090911**					
Methylene Chloride		0.59	J B	1.0	ug/Kg	8260B
Acetone		57	B	10	ug/Kg	8260B
Ethylbenzene		0.21	J	1.0	ug/Kg	8260B
Toluene		1.6		1.0	ug/Kg	8260B
Xylenes, Total		0.84	J	3.0	ug/Kg	8260B

METHOD SUMMARY

Client: Antea USA, Inc. Job Number: 460-30837-1

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: 460-30837-1

Method	Analyst	Analyst ID
SW846 8260B	Moroney, Christopher J	CJM
SW846 8260B	Tupayachi, Audberto	AT
SW846 8270C	Asfaw, Abebaye A.	AAA
SW846 8270C	Crocco, Michael	MC
SW846 8270C	Shalayda, Monica	MS
SW846 8082	Boykin, Carol B	CBB
SW846 8082	Kapoor, Sita	SK
NJDEP NJ-OQA-QAM-025	Boykin, Carol B	CBB
NJDEP NJ-OQA-QAM-025	Nimer, Diaa	DN
EPA Moisture	Armbruster, Chris	CHA
SM SM 4500 Cl- B	Vu, Huan	HV
SM SM 4500 Cl- E	Cabanganan, Maria	MB

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-2-VD-S (3.5-4.0)**

Lab Sample ID: 460-30837-1 Date Sampled: 09/08/2011 1615
Client Matrix: Solid % Moisture: 6.1 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86112	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-85681	Lab File ID:	j03696.d
Dilution:	50			Initial Weight/Volume:	9.66 g
Analysis Date:	09/15/2011 0715			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0934				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		28	U	5.8	28
Bromomethane		28	U	8.7	28
Vinyl chloride		28	U	3.3	28
Chloroethane		28	U	12	28
Methylene Chloride		28	U	5.3	28
Acetone		280	U	68	280
Carbon disulfide		28	U *	4.0	28
Trichlorofluoromethane		28	U	4.3	28
1,1-Dichloroethene		28	U	3.9	28
1,1-Dichloroethane		28	U	2.8	28
trans-1,2-Dichloroethene		28	U	3.8	28
cis-1,2-Dichloroethene		28	U	5.3	28
Chloroform		28	U	4.3	28
2-Butanone		280	U	23	280
1,2-Dichloroethane		28	U	6.8	28
1,1,1-Trichloroethane		28	U	6.8	28
Carbon tetrachloride		28	U	5.0	28
Benzene		28	U	3.3	28
Bromoform		28	U	2.7	28
Styrene		28	U	3.8	28
Ethylbenzene		28	U	6.8	28
Chlorobenzene		28	U	4.6	28
Cyclohexane		28	U	3.4	28
Isopropylbenzene		28	U	5.8	28
2-Hexanone		280	U	15	280
MTBE		28	U	5.1	28
Freon TF		28	U	7.9	28
Methyl acetate		55	U	9.1	55
1,4-Dioxane		1400	U	230	1400
Trichloroethene		28	U	4.9	28
Toluene		28	U	2.6	28
trans-1,3-Dichloropropene		28	U	3.4	28
4-Methyl-2-pentanone		280	U	19	280
cis-1,3-Dichloropropene		28	U	2.8	28
1,2-Dichlorobenzene		60		4.5	28
1,3-Dichlorobenzene		47		6.2	28
1,4-Dichlorobenzene		190		4.2	28
1,2,4-Trichlorobenzene		690		12	28
1,2,3-Trichlorobenzene		89		23	28
1,2-Dichloropropane		28	U	2.4	28
Methylcyclohexane		28	U	2.2	28
Tetrachloroethene		28	U	5.4	28
Xylenes, Total		83	U	12	83
1,2-Dibromo-3-Chloropropane		28	U	4.2	28
1,1,2,2-Tetrachloroethane		28	U	2.4	28
1,1,2-Trichloroethane		28	U	2.7	28

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-2-VD-S (3.5-4.0)**

Lab Sample ID: 460-30837-1 Date Sampled: 09/08/2011 1615
Client Matrix: Solid % Moisture: 6.1 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86112	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-85681	Lab File ID:	j03696.d
Dilution:	50			Initial Weight/Volume:	9.66 g
Analysis Date:	09/15/2011 0715			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0934				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		28	U	2.8	28
1,2-Dibromoethane		28	U	2.5	28
Dichlorodifluoromethane		28	U	7.8	28
Bromochloromethane		28	U	4.8	28
Bromodichloromethane		28	U	2.5	28

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	127		57 - 135
Toluene-d8 (Surr)	120		46 - 130
Bromofluorobenzene	124		50 - 124

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-2-VD-S (3.5-4.0)**

Lab Sample ID: 460-30837-1 Date Sampled: 09/08/2011 1615
Client Matrix: Solid % Moisture: 6.1 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86112	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-85681	Lab File ID:	j03696.d
Dilution:	50			Initial Weight/Volume:	9.66 g
Analysis Date:	09/15/2011 0715			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0934				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Decahydronaphthalene isomer	14.19	1100	J
	Unknown-2	14.78	1100	J
	Decahydromethylnaphthalene isomer	14.97	960	J
	Decahydromethylnaphthalene isomer-1	15.26	1600	J
	Coeluting Aromatics	15.75	880	J
	Unknown-3	16.07	980	J
	Unknown-4	16.33	950	J
	Unknown-5	16.85	1000	J
	Unknown-6	17.02	810	J
	Unknown-7	17.54	730	J

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-2-WT-S (8.0-8.5)**

Lab Sample ID: 460-30837-2 Date Sampled: 09/08/2011 1620
Client Matrix: Solid % Moisture: 12.5 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86112	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-85681	Lab File ID:	j03699.d
Dilution:	100			Initial Weight/Volume:	9.74 g
Analysis Date:	09/15/2011 0839			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0934				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		59	U	12	59
Bromomethane		59	U	18	59
Vinyl chloride		59	U	7.0	59
Chloroethane		59	U	26	59
Methylene Chloride		59	U	11	59
Acetone		590	U	150	590
Carbon disulfide		59	U *	8.6	59
Trichlorofluoromethane		59	U	9.2	59
1,1-Dichloroethene		59	U	8.2	59
1,1-Dichloroethane		59	U	5.9	59
trans-1,2-Dichloroethene		59	U	8.1	59
cis-1,2-Dichloroethene		59	U	11	59
Chloroform		14	J	9.1	59
2-Butanone		590	U	48	590
1,2-Dichloroethane		59	U	14	59
1,1,1-Trichloroethane		59	U	15	59
Carbon tetrachloride		59	U	11	59
Benzene		59	U	7.0	59
Bromoform		59	U	5.8	59
Styrene		59	U	8.1	59
Ethylbenzene		110		14	59
Chlorobenzene		60		9.7	59
Cyclohexane		59	U	7.3	59
Isopropylbenzene		56	J	12	59
2-Hexanone		590	U	32	590
MTBE		59	U	11	59
Freon TF		59	U	17	59
Methyl acetate		120	U	19	120
1,4-Dioxane		2900	U	500	2900
Trichloroethene		59	U	10	59
Toluene		59	U	5.6	59
trans-1,3-Dichloropropene		59	U	7.2	59
4-Methyl-2-pentanone		590	U	40	590
cis-1,3-Dichloropropene		59	U	6.0	59
1,2-Dichlorobenzene		5700		9.5	59
1,3-Dichlorobenzene		2700		13	59
1,4-Dichlorobenzene		9800		8.8	59
1,2,4-Trichlorobenzene		6700		26	59
1,2,3-Trichlorobenzene		3800		49	59
1,2-Dichloropropane		59	U	5.1	59
Methylcyclohexane		20	J	4.7	59
Tetrachloroethene		18	J	11	59
Xylenes, Total		1200		25	180
1,2-Dibromo-3-Chloropropane		59	U	9.0	59
1,1,2,2-Tetrachloroethane		59	U	5.1	59
1,1,2-Trichloroethane		59	U	5.7	59

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-2-WT-S (8.0-8.5)**

Lab Sample ID: 460-30837-2 Date Sampled: 09/08/2011 1620
Client Matrix: Solid % Moisture: 12.5 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86112	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-85681	Lab File ID:	j03699.d
Dilution:	100			Initial Weight/Volume:	9.74 g
Analysis Date:	09/15/2011 0839			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0934				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		59	U	5.9	59
1,2-Dibromoethane		59	U	5.4	59
Dichlorodifluoromethane		59	U	17	59
Bromochloromethane		59	U	10	59
Bromodichloromethane		59	U	5.3	59

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	117		57 - 135
Toluene-d8 (Surr)	108		46 - 130
Bromofluorobenzene	108		50 - 124

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-2-WT-S (8.0-8.5)**

Lab Sample ID: 460-30837-2 Date Sampled: 09/08/2011 1620
Client Matrix: Solid % Moisture: 12.5 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86112	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-85681	Lab File ID:	j03699.d
Dilution:	100			Initial Weight/Volume:	9.74 g
Analysis Date:	09/15/2011 0839			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0934				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
95-63-6	1,2,4-Trimethylbenzene	13.35	7400	
	C10H14 Aromatic	14.09	13000	J
	C10H14 Aromatic-3	14.55	5400	J
	Coeluting Aromatics	14.74	12000	J
	Coeluting Aromatics-1	14.97	4400	J
	Unknown-1	15.25	9300	J
	C12H26 Alkane/C11H14 Aromatic	15.47	5500	J
	C10H14 Aromatic-5	15.74	23000	J
	C11H16 Aromatic	16.24	6600	J
91-20-3	Naphthalene	16.86	12000	

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-2-SI-S (10.5-11.0)**

Lab Sample ID: 460-30837-3 Date Sampled: 09/08/2011 1625
Client Matrix: Solid % Moisture: 15.2 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86112	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-85681	Lab File ID:	j03712.d
Dilution:	100			Initial Weight/Volume:	9.91 g
Analysis Date:	09/15/2011 1536			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0935				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		59	U	13	59
Bromomethane		59	U	19	59
Vinyl chloride		59	U	7.1	59
Chloroethane		59	U	26	59
Methylene Chloride		59	U	11	59
Acetone		590	U	150	590
Carbon disulfide		19	J *	8.7	59
Trichlorofluoromethane		59	U	9.3	59
1,1-Dichloroethene		59	U	8.4	59
1,1-Dichloroethane		59	U	5.9	59
trans-1,2-Dichloroethene		59	U	8.2	59
cis-1,2-Dichloroethene		16	J	12	59
Chloroform		59	U	9.2	59
2-Butanone		590	U	49	590
1,2-Dichloroethane		59	U	15	59
1,1,1-Trichloroethane		59	U	15	59
Carbon tetrachloride		59	U	11	59
Benzene		59	U	7.1	59
Bromoform		59	U	5.9	59
Styrene		59	U	8.3	59
Ethylbenzene		660		15	59
Chlorobenzene		150		9.8	59
Cyclohexane		14	J	7.4	59
Isopropylbenzene		200		13	59
2-Hexanone		590	U	32	590
MTBE		59	U	11	59
Freon TF		59	U	17	59
Methyl acetate		120	U	20	120
1,4-Dioxane		3000	U	510	3000
Trichloroethene		46	J	11	59
Toluene		400		5.6	59
trans-1,3-Dichloropropene		59	U	7.3	59
4-Methyl-2-pentanone		590	U	41	590
cis-1,3-Dichloropropene		59	U	6.1	59
1,2-Dichlorobenzene		3700		9.7	59
1,3-Dichlorobenzene		2400		13	59
1,4-Dichlorobenzene		7500		9.0	59
1,2,4-Trichlorobenzene		4300		26	59
1,2,3-Trichlorobenzene		2600		49	59
1,2-Dichloropropane		59	U	5.2	59
Methylcyclohexane		450		4.8	59
Tetrachloroethene		59	U	12	59
Xylenes, Total		3900		26	180
1,2-Dibromo-3-Chloropropane		59	U	9.1	59
1,1,2,2-Tetrachloroethane		59	U	5.1	59
1,1,2-Trichloroethane		59	U	5.8	59

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-2-SI-S (10.5-11.0)**

Lab Sample ID: 460-30837-3 Date Sampled: 09/08/2011 1625
Client Matrix: Solid % Moisture: 15.2 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86112	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-85681	Lab File ID:	j03712.d
Dilution:	100			Initial Weight/Volume:	9.91 g
Analysis Date:	09/15/2011 1536			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0935				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		59	U	6.0	59
1,2-Dibromoethane		59	U	5.4	59
Dichlorodifluoromethane		59	U	17	59
Bromochloromethane		59	U	10	59
Bromodichloromethane		59	U	5.3	59

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		57 - 135
Toluene-d8 (Surr)	92		46 - 130
Bromofluorobenzene	93		50 - 124

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-2-SI-S (10.5-11.0)**

Lab Sample ID: 460-30837-3 Date Sampled: 09/08/2011 1625
Client Matrix: Solid % Moisture: 15.2 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86112	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-85681	Lab File ID:	j03712.d
Dilution:	100			Initial Weight/Volume:	9.91 g
Analysis Date:	09/15/2011 1536			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0935				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	C10H22 Alkane/C9H12 Aromatic	12.86	8500	J
95-63-6	1,2,4-Trimethylbenzene	13.34	8400	
	C10H14 Aromatic	13.60	6400	J
	C11H24 Alkane-1/C10H14 Aromatic-1	14.12	24000	J
	Coeluting Aromatics	14.73	14000	J
	Decahydromethylnaphthalene isomer	15.24	5900	J
	C12H26 Alkane/C11H14 Aromatic	15.46	11000	J
	C10H14 Aromatic-6	15.72	25000	J
	C11H14 Aromatic-1/C11H16 Aromatic	16.23	7300	J
91-20-3	Naphthalene	16.84	7100	

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-24-VS-S (1-3)**

Lab Sample ID: 460-30837-4 Date Sampled: 09/08/2011 1640
Client Matrix: Solid % Moisture: 6.7 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86112	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-85681	Lab File ID:	j03703.d
Dilution:	50			Initial Weight/Volume:	5.97 g
Analysis Date:	09/15/2011 1030			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0935				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		45	U	9.5	45
Bromomethane		45	U	14	45
Vinyl chloride		45	U	5.4	45
Chloroethane		45	U	20	45
Methylene Chloride		45	U	8.7	45
Acetone		450	U	110	450
Carbon disulfide		45	U *	6.6	45
Trichlorofluoromethane		45	U	7.0	45
1,1-Dichloroethene		45	U	6.3	45
1,1-Dichloroethane		45	U	4.5	45
trans-1,2-Dichloroethene		51		6.2	45
cis-1,2-Dichloroethene		2000		8.7	45
Chloroform		45	U	7.0	45
2-Butanone		450	U	37	450
1,2-Dichloroethane		45	U	11	45
1,1,1-Trichloroethane		45	U	11	45
Carbon tetrachloride		45	U	8.1	45
Benzene		9.6	J	5.3	45
Bromoform		45	U	4.4	45
Styrene		45	U	6.2	45
Ethylbenzene		1400		11	45
Chlorobenzene		410		7.4	45
Cyclohexane		100		5.6	45
Isopropylbenzene		500		9.5	45
2-Hexanone		450	U	25	450
MTBE		45	U	8.3	45
Freon TF		45	U	13	45
Methyl acetate		90	U	15	90
1,4-Dioxane		2200	U	380	2200
Trichloroethene		600		8.0	45
Toluene		430		4.3	45
trans-1,3-Dichloropropene		45	U	5.5	45
4-Methyl-2-pentanone		450	U	31	450
cis-1,3-Dichloropropene		45	U	4.6	45
1,2-Dichlorobenzene		2000		7.3	45
1,3-Dichlorobenzene		29	J	10	45
1,4-Dichlorobenzene		200		6.8	45
1,2,4-Trichlorobenzene		16000		20	45
1,2,3-Trichlorobenzene		2700		37	45
1,2-Dichloropropane		45	U	3.9	45
Methylcyclohexane		1100		3.6	45
Tetrachloroethene		880		8.8	45
Xylenes, Total		5100		20	130
1,2-Dibromo-3-Chloropropane		45	U	6.9	45
1,1,2,2-Tetrachloroethane		45	U	3.9	45
1,1,2-Trichloroethane		45	U	4.4	45

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-24-VS-S (1-3)**

Lab Sample ID: 460-30837-4 Date Sampled: 09/08/2011 1640
Client Matrix: Solid % Moisture: 6.7 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86112	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-85681	Lab File ID:	j03703.d
Dilution:	50			Initial Weight/Volume:	5.97 g
Analysis Date:	09/15/2011 1030			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0935				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		45	U	4.5	45
1,2-Dibromoethane		45	U	4.1	45
Dichlorodifluoromethane		45	U	13	45
Bromochloromethane		45	U	7.8	45
Bromodichloromethane		45	U	4.0	45

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	126		57 - 135
Toluene-d8 (Surr)	124		46 - 130
Bromofluorobenzene	118		50 - 124

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-24-VS-S (1-3)**

Lab Sample ID: 460-30837-4 Date Sampled: 09/08/2011 1640
Client Matrix: Solid % Moisture: 6.7 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86112	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-85681	Lab File ID:	j03703.d
Dilution:	50			Initial Weight/Volume:	5.97 g
Analysis Date:	09/15/2011 1030			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0935				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	C9H18 Cycloalkane-1	12.18	3400	J
95-63-6	1,2,4-Trimethylbenzene	13.33	3800	
	C10H20 Cycloalkane/C10H14 Aromatic	13.57	3400	J
	C10H14 Aromatic-1	14.07	3600	J
	Decahydromethylnaphthalene isomer	14.18	5400	J
	Coeluting Aromatics	14.71	6000	J
	Decahydromethylnaphthalene isomer-1	15.23	5200	J
	C10H14 Aromatic-5	15.72	5000	J
91-20-3	Naphthalene	16.83	3600	
91-57-6	Naphthalene, 2-methyl-	19.11	3500	J N

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-24-VD-S (4.5-6.0)**

Lab Sample ID: 460-30837-5 Date Sampled: 09/08/2011 1645
Client Matrix: Solid % Moisture: 9.7 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86112	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-85681	Lab File ID:	j03711.d
Dilution:	500			Initial Weight/Volume:	8.51 g
Analysis Date:	09/15/2011 1509			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0936				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		330	U	68	330
Bromomethane		330	U	100	330
Vinyl chloride		330	U	39	330
Chloroethane		330	U	140	330
Methylene Chloride		330	U	63	330
Acetone		3300	U	810	3300
Carbon disulfide		330	U *	47	330
Trichlorofluoromethane		330	U	51	330
1,1-Dichloroethene		330	U	46	330
1,1-Dichloroethane		330	U	33	330
trans-1,2-Dichloroethene		48	J	45	330
cis-1,2-Dichloroethene		3500		63	330
Chloroform		330	U	50	330
2-Butanone		3300	U	270	3300
1,2-Dichloroethane		330	U	80	330
1,1,1-Trichloroethane		370		80	330
Carbon tetrachloride		330	U	59	330
Benzene		85	J	39	330
Bromoform		330	U	32	330
Styrene		8000		45	330
Ethylbenzene		6600		80	330
Chlorobenzene		1800		54	330
Cyclohexane		330	U	40	330
Isopropylbenzene		820		69	330
2-Hexanone		3300	U	180	3300
MTBE		330	U	60	330
Freon TF		2800		94	330
Methyl acetate		650	U	110	650
1,4-Dioxane		16000	U	2800	16000
Trichloroethene		110000		58	330
Toluene		5000		31	330
trans-1,3-Dichloropropene		330	U	40	330
4-Methyl-2-pentanone		3300	U	220	3300
cis-1,3-Dichloropropene		330	U	33	330
1,2-Dichlorobenzene		3900		53	330
1,3-Dichlorobenzene		330	U	73	330
1,4-Dichlorobenzene		350		49	330
1,2,4-Trichlorobenzene		21000		140	330
1,2,3-Trichlorobenzene		2900		270	330
1,2-Dichloropropane		330	U	28	330
Methylcyclohexane		1100		26	330
Tetrachloroethene		4600		64	330
Xylenes, Total		37000		140	980
1,2-Dibromo-3-Chloropropane		330	U	50	330
1,1,2,2-Tetrachloroethane		330	U	28	330
1,1,2-Trichloroethane		330	U	32	330

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-24-VD-S (4.5-6.0)**

Lab Sample ID: 460-30837-5 Date Sampled: 09/08/2011 1645
Client Matrix: Solid % Moisture: 9.7 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86112	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-85681	Lab File ID:	j03711.d
Dilution:	500			Initial Weight/Volume:	8.51 g
Analysis Date:	09/15/2011 1509			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0936				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		330	U	33	330
1,2-Dibromoethane		330	U	30	330
Dichlorodifluoromethane		330	U	92	330
Bromochloromethane		330	U	56	330
Bromodichloromethane		330	U	29	330

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90		57 - 135
Toluene-d8 (Surr)	86		46 - 130
Bromofluorobenzene	90		50 - 124

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-24-VD-S (4.5-6.0)**

Lab Sample ID: 460-30837-5 Date Sampled: 09/08/2011 1645
Client Matrix: Solid % Moisture: 9.7 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86112	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-85681	Lab File ID:	j03711.d
Dilution:	500			Initial Weight/Volume:	8.51 g
Analysis Date:	09/15/2011 1509			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0936				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	C10H20 Cycloalkane/C9H12 Aromatic	12.88	8700	J
	C11H24 Alkane/C9H12 Aromatic-1	13.17	4800	J
95-63-6	1,2,4-Trimethylbenzene	13.34	6600	
	C10H20 Cycloalkane-1	13.58	8600	J
	C10H14 Aromatic-2	14.53	5000	J
	Coeluting Aromatics	14.72	11000	J
	Decahydromethylnaphthalene isomer	14.95	7300	J
	Decahydromethylnaphthalene isomer-1	15.24	11000	J
	C10H14 Aromatic-3	15.73	11000	J
91-20-3	Naphthalene	16.84	7100	

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-24-WT-S (6.5-8.5)**

Lab Sample ID: 460-30837-6 Date Sampled: 09/08/2011 1655
Client Matrix: Solid % Moisture: 14.1 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86112	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-85681	Lab File ID:	j03698.d
Dilution:	50			Initial Weight/Volume:	5.45 g
Analysis Date:	09/15/2011 0811			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0936				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		53	U	11	53
Bromomethane		53	U	17	53
Vinyl chloride		53	U	6.4	53
Chloroethane		53	U	24	53
Methylene Chloride		53	U	10	53
Acetone		530	U	130	530
Carbon disulfide		53	U *	7.8	53
Trichlorofluoromethane		53	U	8.4	53
1,1-Dichloroethene		53	U	7.5	53
1,1-Dichloroethane		53	U	5.3	53
trans-1,2-Dichloroethene		53	U	7.4	53
cis-1,2-Dichloroethene		180		10	53
Chloroform		33	J	8.3	53
2-Butanone		530	U	44	530
1,2-Dichloroethane		53	U	13	53
1,1,1-Trichloroethane		53	U	13	53
Carbon tetrachloride		53	U	9.6	53
Benzene		53	U	6.3	53
Bromoform		53	U	5.3	53
Styrene		1200		7.4	53
Ethylbenzene		4400		13	53
Chlorobenzene		450		8.8	53
Cyclohexane		53	U	6.6	53
Isopropylbenzene		740		11	53
2-Hexanone		530	U	29	530
MTBE		53	U	9.9	53
Freon TF		69		15	53
Methyl acetate		110	U	18	110
1,4-Dioxane		2700	U	450	2700
Trichloroethene		3700		9.5	53
Toluene		880		5.1	53
trans-1,3-Dichloropropene		53	U	6.5	53
4-Methyl-2-pentanone		530	U	36	530
cis-1,3-Dichloropropene		53	U	5.5	53
1,2-Dichlorobenzene		1400		8.7	53
1,3-Dichlorobenzene		18	J	12	53
1,4-Dichlorobenzene		130		8.0	53
1,2,4-Trichlorobenzene		11000		23	53
1,2,3-Trichlorobenzene		1500		44	53
1,2-Dichloropropane		53	U	4.7	53
Methylcyclohexane		400		4.3	53
Tetrachloroethene		600		10	53
Xylenes, Total		13000		23	160
1,2-Dibromo-3-Chloropropane		53	U	8.2	53
1,1,2,2-Tetrachloroethane		53	U	4.6	53
1,1,2-Trichloroethane		53	U	5.2	53

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-24-WT-S (6.5-8.5)**

Lab Sample ID: 460-30837-6 Date Sampled: 09/08/2011 1655
Client Matrix: Solid % Moisture: 14.1 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86112	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-85681	Lab File ID:	j03698.d
Dilution:	50			Initial Weight/Volume:	5.45 g
Analysis Date:	09/15/2011 0811			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0936				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		53	U	5.4	53
1,2-Dibromoethane		53	U	4.9	53
Dichlorodifluoromethane		53	U	15	53
Bromochloromethane		53	U	9.2	53
Bromodichloromethane		53	U	4.8	53

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	119		57 - 135
Toluene-d8 (Surr)	116		46 - 130
Bromofluorobenzene	112		50 - 124

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-24-WT-S (6.5-8.5)**

Lab Sample ID: 460-30837-6 Date Sampled: 09/08/2011 1655
Client Matrix: Solid % Moisture: 14.1 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86112	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-85681	Lab File ID:	j03698.d
Dilution:	50			Initial Weight/Volume:	5.45 g
Analysis Date:	09/15/2011 0811			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0936				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	C10H22 Alkane/C9H12 Aromatic	12.87	21000	J
95-63-6	1,2,4-Trimethylbenzene	13.35	9900	
	C10H20 Cycloalkane	13.58	8000	J
	C11H24 Alkane-1	14.13	9900	J
	Decahydronaphthalene isomer	14.19	7600	J
	Coeluting Aromatics	14.74	9800	J
	Decahydromethylnaphthalene isomer-1	15.26	8200	J
	C12H26 Alkane/C11H14 Aromatic	15.47	8200	J
	C10H14 Aromatic-4	15.73	8400	J
91-20-3	Naphthalene	16.86	10000	

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-24-SI-S (10.5-12.5)**

Lab Sample ID: 460-30837-7 Date Sampled: 09/08/2011 1705
Client Matrix: Solid % Moisture: 13.4 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86112	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-85681	Lab File ID:	j03702.d
Dilution:	50			Initial Weight/Volume:	6.01 g
Analysis Date:	09/15/2011 1002			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0937				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		48	U	10	48
Bromomethane		48	U	15	48
Vinyl chloride		48	U	5.8	48
Chloroethane		48	U	21	48
Methylene Chloride		48	U	9.3	48
Acetone		480	U	120	480
Carbon disulfide		26	J *	7.0	48
Trichlorofluoromethane		48	U	7.5	48
1,1-Dichloroethene		48	U	6.8	48
1,1-Dichloroethane		48	U	4.8	48
trans-1,2-Dichloroethene		48	U	6.6	48
cis-1,2-Dichloroethene		200		9.3	48
Chloroform		33	J	7.4	48
2-Butanone		480	U	39	480
1,2-Dichloroethane		48	U	12	48
1,1,1-Trichloroethane		48	U	12	48
Carbon tetrachloride		48	U	8.7	48
Benzene		48	U	5.7	48
Bromoform		48	U	4.8	48
Styrene		770		6.7	48
Ethylbenzene		4800		12	48
Chlorobenzene		480		7.9	48
Cyclohexane		48	U	6.0	48
Isopropylbenzene		860		10	48
2-Hexanone		480	U	26	480
MTBE		48	U	8.9	48
Freon TF		37	J	14	48
Methyl acetate		96	U	16	96
1,4-Dioxane		2400	U	410	2400
Trichloroethene		1800		8.5	48
Toluene		1000		4.5	48
trans-1,3-Dichloropropene		48	U	5.9	48
4-Methyl-2-pentanone		480	U	33	480
cis-1,3-Dichloropropene		48	U	4.9	48
1,2-Dichlorobenzene		1600		7.8	48
1,3-Dichlorobenzene		25	J	11	48
1,4-Dichlorobenzene		170		7.2	48
1,2,4-Trichlorobenzene		12000		21	48
1,2,3-Trichlorobenzene		1700		40	48
1,2-Dichloropropane		48	U	4.2	48
Methylcyclohexane		970		3.8	48
Tetrachloroethene		570		9.4	48
Xylenes, Total		15000		21	140
1,2-Dibromo-3-Chloropropane		48	U	7.4	48
1,1,2,2-Tetrachloroethane		48	U	4.1	48
1,1,2-Trichloroethane		48	U	4.7	48

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-24-SI-S (10.5-12.5)**

Lab Sample ID: 460-30837-7 Date Sampled: 09/08/2011 1705
Client Matrix: Solid % Moisture: 13.4 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86112	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-85681	Lab File ID:	j03702.d
Dilution:	50			Initial Weight/Volume:	6.01 g
Analysis Date:	09/15/2011 1002			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0937				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		48	U	4.8	48
1,2-Dibromoethane		48	U	4.4	48
Dichlorodifluoromethane		48	U	14	48
Bromochloromethane		48	U	8.3	48
Bromodichloromethane		48	U	4.3	48

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107		57 - 135
Toluene-d8 (Surr)	110		46 - 130
Bromofluorobenzene	109		50 - 124

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-24-SI-S (10.5-12.5)**

Lab Sample ID: 460-30837-7 Date Sampled: 09/08/2011 1705
Client Matrix: Solid % Moisture: 13.4 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86112	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-85681	Lab File ID:	j03702.d
Dilution:	50			Initial Weight/Volume:	6.01 g
Analysis Date:	09/15/2011 1002			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0937				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	C9H18 Cycloalkane-2	12.20	7000	J
	C10H22 Alkane/C9H12 Aromatic	12.86	17000	J
95-63-6	1,2,4-Trimethylbenzene	13.33	15000	
	C9H12 Aromatic-2	13.81	6300	J
	C10H14 Aromatic-1	14.08	11000	J
	Decahydronaphthalene isomer	14.18	7400	J
	Coeluting Aromatics	14.72	11000	J
	Decahydromethylnaphthalene isomer-1	15.23	7100	J
	C10H14 Aromatic-6	15.72	9100	J
91-20-3	Naphthalene	16.83	9000	

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-22-VS-S (1.5-2.0)**

Lab Sample ID: 460-30837-8 Date Sampled: 09/08/2011 1725
Client Matrix: Solid % Moisture: 5.7 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86004	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12676.d
Dilution:	1.0			Initial Weight/Volume:	5.04 g
Analysis Date:	09/14/2011 1143			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0918				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		1.1	U	0.67	1.1
Bromomethane		1.1	U	0.43	1.1
Vinyl chloride		1.1	U	0.25	1.1
Chloroethane		1.1	U	0.42	1.1
Methylene Chloride		2.2		0.50	1.1
Acetone		24		3.9	11
Carbon disulfide		1.1	U	0.49	1.1
Trichlorofluoromethane		1.1	U	0.27	1.1
1,1-Dichloroethene		1.1	U	0.39	1.1
1,1-Dichloroethane		1.1	U	0.26	1.1
trans-1,2-Dichloroethene		1.1	U	0.30	1.1
cis-1,2-Dichloroethene		1.1	U	0.25	1.1
Chloroform		1.1	U	0.25	1.1
2-Butanone		11	U	0.60	11
1,2-Dichloroethane		1.1	U	0.41	1.1
1,1,1-Trichloroethane		1.1	U	0.20	1.1
Carbon tetrachloride		1.1	U	0.11	1.1
Benzene		1.1	U	0.78	1.1
Bromoform		1.1	U	0.74	1.1
Styrene		1.1	U	0.36	1.1
Ethylbenzene		2.0		0.20	1.1
Chlorobenzene		1.1	U	0.51	1.1
Cyclohexane		1.1	U	0.23	1.1
Isopropylbenzene		1.1	U	0.27	1.1
2-Hexanone		11	U	1.8	11
MTBE		1.1	U	0.36	1.1
Freon TF		1.1	U	0.50	1.1
Methyl acetate		1.1	U	0.94	1.1
1,4-Dioxane		53	U	4.4	53
Trichloroethene		2.8		0.38	1.1
Toluene		1.0	J	0.31	1.1
trans-1,3-Dichloropropene		1.1	U	0.23	1.1
4-Methyl-2-pentanone		11	U	0.75	11
cis-1,3-Dichloropropene		1.1	U	0.21	1.1
1,2-Dichlorobenzene		1.1	U	0.67	1.1
1,3-Dichlorobenzene		1.1	U	0.51	1.1
1,4-Dichlorobenzene		1.1	U	0.75	1.1
1,2,4-Trichlorobenzene		1.1	U	0.56	1.1
1,2,3-Trichlorobenzene		1.1	U	0.68	1.1
1,2-Dichloropropane		1.1	U	0.33	1.1
Methylcyclohexane		1.1	U	0.29	1.1
Tetrachloroethene		1.1	U	0.35	1.1
Xylenes, Total		6.6		0.83	3.2
1,2-Dibromo-3-Chloropropane		1.1	U	0.64	1.1
1,1,2,2-Tetrachloroethane		1.1	U	0.80	1.1
1,1,2-Trichloroethane		1.1	U	0.62	1.1

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-22-VS-S (1.5-2.0)**

Lab Sample ID: 460-30837-8 Date Sampled: 09/08/2011 1725
Client Matrix: Solid % Moisture: 5.7 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86004	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12676.d
Dilution:	1.0			Initial Weight/Volume:	5.04 g
Analysis Date:	09/14/2011 1143			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0918				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		1.1	U	0.59	1.1
1,2-Dibromoethane		1.1	U	0.54	1.1
Dichlorodifluoromethane		1.1	U	0.43	1.1
Bromochloromethane		1.1	U	0.28	1.1
Bromodichloromethane		1.1	U	0.32	1.1

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106		70 - 138
Toluene-d8 (Surr)	95		66 - 126
Bromofluorobenzene	96		72 - 132

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-22-VS-S (1.5-2.0)**

Lab Sample ID: 460-30837-8 Date Sampled: 09/08/2011 1725
Client Matrix: Solid % Moisture: 5.7 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86004	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12676.d
Dilution:	1.0			Initial Weight/Volume:	5.04 g
Analysis Date:	09/14/2011 1143			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0918				

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: 460-30837-1

Client Sample ID: **PMP-22-VD-S (3.5-5.0)**

Lab Sample ID: 460-30837-9 Date Sampled: 09/08/2011 1730
Client Matrix: Solid % Moisture: 5.2 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86784	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12887.d
Dilution:	1.0			Initial Weight/Volume:	8.87 g
Analysis Date:	09/21/2011 0813			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0919				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.59	U	0.38	0.59
Bromomethane		0.59	U	0.24	0.59
Vinyl chloride		0.59	U	0.14	0.59
Chloroethane		0.59	U	0.24	0.59
Methylene Chloride		0.78		0.28	0.59
Acetone		22	B	2.2	5.9
Carbon disulfide		0.59	U	0.28	0.59
Trichlorofluoromethane		0.59	U	0.15	0.59
1,1-Dichloroethene		0.59	U	0.22	0.59
1,1-Dichloroethane		0.59	U	0.15	0.59
trans-1,2-Dichloroethene		0.59	U	0.17	0.59
cis-1,2-Dichloroethene		0.59	U	0.14	0.59
Chloroform		0.59	U	0.14	0.59
2-Butanone		5.9	U	0.34	5.9
1,2-Dichloroethane		0.59	U	0.23	0.59
1,1,1-Trichloroethane		0.59	U	0.11	0.59
Carbon tetrachloride		0.59	U	0.060	0.59
Benzene		0.59	U	0.44	0.59
Bromoform		0.59	U	0.42	0.59
Styrene		0.59	U	0.21	0.59
Ethylbenzene		0.63		0.11	0.59
Chlorobenzene		0.59	U	0.29	0.59
Cyclohexane		0.59	U	0.13	0.59
Isopropylbenzene		0.59	U	0.15	0.59
2-Hexanone		5.9	U	0.99	5.9
MTBE		0.59	U	0.20	0.59
Freon TF		0.59	U	0.28	0.59
Methyl acetate		0.59	U	0.53	0.59
1,4-Dioxane		30	U	2.5	30
Trichloroethene		0.59	U	0.22	0.59
Toluene		0.20	J	0.18	0.59
trans-1,3-Dichloropropene		0.59	U	0.13	0.59
4-Methyl-2-pentanone		5.9	U	0.43	5.9
cis-1,3-Dichloropropene		0.59	U	0.12	0.59
1,2-Dichlorobenzene		0.59	U	0.38	0.59
1,3-Dichlorobenzene		0.59	U	0.29	0.59
1,4-Dichlorobenzene		0.59	U	0.42	0.59
1,2,4-Trichlorobenzene		0.59	U	0.32	0.59
1,2,3-Trichlorobenzene		0.59	U	0.39	0.59
1,2-Dichloropropane		0.59	U	0.19	0.59
Methylcyclohexane		0.59	U	0.16	0.59
Tetrachloroethene		0.59	U	0.20	0.59
Xylenes, Total		2.8		0.47	1.8
1,2-Dibromo-3-Chloropropane		0.59	U	0.36	0.59
1,1,2,2-Tetrachloroethane		0.59	U	0.45	0.59
1,1,2-Trichloroethane		0.59	U	0.35	0.59

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-22-VD-S (3.5-5.0)**

Lab Sample ID: 460-30837-9 Date Sampled: 09/08/2011 1730
Client Matrix: Solid % Moisture: 5.2 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86784	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12887.d
Dilution:	1.0			Initial Weight/Volume:	8.87 g
Analysis Date:	09/21/2011 0813			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0919				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.59	U	0.33	0.59
1,2-Dibromoethane		0.59	U	0.31	0.59
Dichlorodifluoromethane		0.59	U	0.24	0.59
Bromochloromethane		0.59	U	0.16	0.59
Bromodichloromethane		0.59	U	0.18	0.59

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	109		70 - 138
Toluene-d8 (Surr)	96		66 - 126
Bromofluorobenzene	92		72 - 132

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-22-VD-S (3.5-5.0)**

Lab Sample ID: 460-30837-9 Date Sampled: 09/08/2011 1730
Client Matrix: Solid % Moisture: 5.2 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86784	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12887.d
Dilution:	1.0			Initial Weight/Volume:	8.87 g
Analysis Date:	09/21/2011 0813			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0919				

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: 460-30837-1

Client Sample ID: **PMP-22-WT-S (7.0-8.5)**

Lab Sample ID: 460-30837-10 Date Sampled: 09/08/2011 1735
Client Matrix: Solid % Moisture: 16.2 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86004	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12677.d
Dilution:	1.0			Initial Weight/Volume:	8.18 g
Analysis Date:	09/14/2011 1208			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0919				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.73	U	0.46	0.73
Bromomethane		0.73	U	0.30	0.73
Vinyl chloride		0.73	U	0.17	0.73
Chloroethane		0.73	U	0.29	0.73
Methylene Chloride		0.91		0.34	0.73
Acetone		7.7		2.7	7.3
Carbon disulfide		0.73	U	0.34	0.73
Trichlorofluoromethane		0.73	U	0.19	0.73
1,1-Dichloroethene		0.73	U	0.27	0.73
1,1-Dichloroethane		0.73	U	0.18	0.73
trans-1,2-Dichloroethene		0.73	U	0.21	0.73
cis-1,2-Dichloroethene		0.73	U	0.17	0.73
Chloroform		0.73	U	0.17	0.73
2-Butanone		7.3	U	0.42	7.3
1,2-Dichloroethane		0.73	U	0.28	0.73
1,1,1-Trichloroethane		0.73	U	0.14	0.73
Carbon tetrachloride		0.73	U	0.074	0.73
Benzene		0.73	U	0.54	0.73
Bromoform		0.73	U	0.51	0.73
Styrene		0.73	U	0.25	0.73
Ethylbenzene		0.73	U	0.14	0.73
Chlorobenzene		0.73	U	0.35	0.73
Cyclohexane		0.73	U	0.16	0.73
Isopropylbenzene		0.73	U	0.19	0.73
2-Hexanone		7.3	U	1.2	7.3
MTBE		0.73	U	0.25	0.73
Freon TF		0.73	U	0.35	0.73
Methyl acetate		0.73	U	0.65	0.73
1,4-Dioxane		36	U	3.0	36
Trichloroethene		0.73	U	0.26	0.73
Toluene		0.73	U	0.22	0.73
trans-1,3-Dichloropropene		0.73	U	0.16	0.73
4-Methyl-2-pentanone		7.3	U	0.52	7.3
cis-1,3-Dichloropropene		0.73	U	0.15	0.73
1,2-Dichlorobenzene		0.73	U	0.46	0.73
1,3-Dichlorobenzene		0.73	U	0.35	0.73
1,4-Dichlorobenzene		0.73	U	0.52	0.73
1,2,4-Trichlorobenzene		0.73	U	0.39	0.73
1,2,3-Trichlorobenzene		0.73	U	0.47	0.73
1,2-Dichloropropane		0.73	U	0.23	0.73
Methylcyclohexane		0.73	U	0.20	0.73
Tetrachloroethene		0.73	U	0.24	0.73
Xylenes, Total		2.2	U	0.57	2.2
1,2-Dibromo-3-Chloropropane		0.73	U	0.45	0.73
1,1,2,2-Tetrachloroethane		0.73	U	0.55	0.73
1,1,2-Trichloroethane		0.73	U	0.43	0.73

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-22-WT-S (7.0-8.5)**

Lab Sample ID: 460-30837-10 Date Sampled: 09/08/2011 1735
Client Matrix: Solid % Moisture: 16.2 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86004	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12677.d
Dilution:	1.0			Initial Weight/Volume:	8.18 g
Analysis Date:	09/14/2011 1208			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0919				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.73	U	0.41	0.73
1,2-Dibromoethane		0.73	U	0.38	0.73
Dichlorodifluoromethane		0.73	U	0.30	0.73
Bromochloromethane		0.73	U	0.20	0.73
Bromodichloromethane		0.73	U	0.22	0.73

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		70 - 138
Toluene-d8 (Surr)	95		66 - 126
Bromofluorobenzene	88		72 - 132

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-22-WT-S (7.0-8.5)**

Lab Sample ID: 460-30837-10 Date Sampled: 09/08/2011 1735
Client Matrix: Solid % Moisture: 16.2 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86004	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12677.d
Dilution:	1.0			Initial Weight/Volume:	8.18 g
Analysis Date:	09/14/2011 1208			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0919				

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: 460-30837-1

Client Sample ID: **PMP-23-VS-S (1-3)**

Lab Sample ID: 460-30837-11 Date Sampled: 09/08/2011 1740
Client Matrix: Solid % Moisture: 4.7 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86004	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12678.d
Dilution:	1.0			Initial Weight/Volume:	4.39 g
Analysis Date:	09/14/2011 1232			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0920				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		1.2	U	0.76	1.2
Bromomethane		1.2	U	0.49	1.2
Vinyl chloride		1.2	U	0.28	1.2
Chloroethane		1.2	U	0.48	1.2
Methylene Chloride		2.6		0.56	1.2
Acetone		31		4.4	12
Carbon disulfide		1.2	U	0.56	1.2
Trichlorofluoromethane		1.2	U	0.31	1.2
1,1-Dichloroethene		1.2	U	0.44	1.2
1,1-Dichloroethane		1.2	U	0.30	1.2
trans-1,2-Dichloroethene		1.2	U	0.34	1.2
cis-1,2-Dichloroethene		1.2	U	0.28	1.2
Chloroform		1.2	U	0.28	1.2
2-Butanone		12	U	0.68	12
1,2-Dichloroethane		1.2	U	0.47	1.2
1,1,1-Trichloroethane		1.2	U	0.22	1.2
Carbon tetrachloride		1.2	U	0.12	1.2
Benzene		1.2	U	0.88	1.2
Bromoform		1.2	U	0.84	1.2
Styrene		1.2	U	0.41	1.2
Ethylbenzene		1.2		0.23	1.2
Chlorobenzene		1.2	U	0.58	1.2
Cyclohexane		1.2	U	0.27	1.2
Isopropylbenzene		1.2	U	0.31	1.2
2-Hexanone		12	U	2.0	12
MTBE		1.2	U	0.41	1.2
Freon TF		1.2	U	0.57	1.2
Methyl acetate		1.2	U	1.1	1.2
1,4-Dioxane		60	U	5.0	60
Trichloroethene		1.2	U	0.43	1.2
Toluene		0.83	J	0.36	1.2
trans-1,3-Dichloropropene		1.2	U	0.26	1.2
4-Methyl-2-pentanone		12	U	0.85	12
cis-1,3-Dichloropropene		1.2	U	0.24	1.2
1,2-Dichlorobenzene		1.2	U	0.76	1.2
1,3-Dichlorobenzene		1.2	U	0.58	1.2
1,4-Dichlorobenzene		1.2	U	0.85	1.2
1,2,4-Trichlorobenzene		1.2	U	0.64	1.2
1,2,3-Trichlorobenzene		1.2	U	0.77	1.2
1,2-Dichloropropane		1.2	U	0.38	1.2
Methylcyclohexane		1.2	U	0.33	1.2
Tetrachloroethene		1.2	U	0.39	1.2
Xylenes, Total		4.1		0.94	3.6
1,2-Dibromo-3-Chloropropane		1.2	U	0.73	1.2
1,1,2,2-Tetrachloroethane		1.2	U	0.91	1.2
1,1,2-Trichloroethane		1.2	U	0.71	1.2

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-23-VS-S (1-3)**

Lab Sample ID: 460-30837-11 Date Sampled: 09/08/2011 1740
Client Matrix: Solid % Moisture: 4.7 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86004	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12678.d
Dilution:	1.0			Initial Weight/Volume:	4.39 g
Analysis Date:	09/14/2011 1232			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0920				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		1.2	U	0.67	1.2
1,2-Dibromoethane		1.2	U	0.62	1.2
Dichlorodifluoromethane		1.2	U	0.49	1.2
Bromochloromethane		1.2	U	0.32	1.2
Bromodichloromethane		1.2	U	0.36	1.2

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	114		70 - 138
Toluene-d8 (Surr)	96		66 - 126
Bromofluorobenzene	98		72 - 132

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-23-VS-S (1-3)**

Lab Sample ID: 460-30837-11 Date Sampled: 09/08/2011 1740
Client Matrix: Solid % Moisture: 4.7 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86004	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12678.d
Dilution:	1.0			Initial Weight/Volume:	4.39 g
Analysis Date:	09/14/2011 1232			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0920				

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: 460-30837-1

Client Sample ID: **PMP-23-WT-S (6.5-8.5)**

Lab Sample ID: 460-30837-12 Date Sampled: 09/08/2011 1750
Client Matrix: Solid % Moisture: 12.2 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86004	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12679.d
Dilution:	1.0			Initial Weight/Volume:	9.51 g
Analysis Date:	09/14/2011 1256			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0920				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.60	U	0.38	0.60
Bromomethane		0.60	U	0.24	0.60
Vinyl chloride		0.60	U	0.14	0.60
Chloroethane		0.60	U	0.24	0.60
Methylene Chloride		1.1		0.28	0.60
Acetone		11		2.2	6.0
Carbon disulfide		0.60	U	0.28	0.60
Trichlorofluoromethane		0.60	U	0.16	0.60
1,1-Dichloroethene		0.60	U	0.22	0.60
1,1-Dichloroethane		0.60	U	0.15	0.60
trans-1,2-Dichloroethene		0.60	U	0.17	0.60
cis-1,2-Dichloroethene		0.60	U	0.14	0.60
Chloroform		0.60	U	0.14	0.60
2-Butanone		6.0	U	0.34	6.0
1,2-Dichloroethane		0.60	U	0.23	0.60
1,1,1-Trichloroethane		0.60	U	0.11	0.60
Carbon tetrachloride		0.60	U	0.060	0.60
Benzene		0.60	U	0.44	0.60
Bromoform		0.60	U	0.42	0.60
Styrene		0.60	U	0.21	0.60
Ethylbenzene		0.20	J	0.11	0.60
Chlorobenzene		0.60	U	0.29	0.60
Cyclohexane		0.60	U	0.13	0.60
Isopropylbenzene		0.60	U	0.16	0.60
2-Hexanone		6.0	U	1.0	6.0
MTBE		0.60	U	0.21	0.60
Freon TF		0.60	U	0.28	0.60
Methyl acetate		0.60	U	0.54	0.60
1,4-Dioxane		30	U	2.5	30
Trichloroethene		0.60	U	0.22	0.60
Toluene		0.60	U	0.18	0.60
trans-1,3-Dichloropropene		0.60	U	0.13	0.60
4-Methyl-2-pentanone		6.0	U	0.43	6.0
cis-1,3-Dichloropropene		0.60	U	0.12	0.60
1,2-Dichlorobenzene		0.60	U	0.38	0.60
1,3-Dichlorobenzene		0.60	U	0.29	0.60
1,4-Dichlorobenzene		0.60	U	0.43	0.60
1,2,4-Trichlorobenzene		0.60	U	0.32	0.60
1,2,3-Trichlorobenzene		0.60	U	0.39	0.60
1,2-Dichloropropane		0.60	U	0.19	0.60
Methylcyclohexane		0.60	U	0.16	0.60
Tetrachloroethene		0.60	U	0.20	0.60
Xylenes, Total		1.8	U	0.47	1.8
1,2-Dibromo-3-Chloropropane		0.60	U	0.37	0.60
1,1,2,2-Tetrachloroethane		0.60	U	0.46	0.60
1,1,2-Trichloroethane		0.60	U	0.36	0.60

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-23-WT-S (6.5-8.5)**

Lab Sample ID: 460-30837-12 Date Sampled: 09/08/2011 1750
Client Matrix: Solid % Moisture: 12.2 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86004	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12679.d
Dilution:	1.0			Initial Weight/Volume:	9.51 g
Analysis Date:	09/14/2011 1256			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0920				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.60	U	0.34	0.60
1,2-Dibromoethane		0.60	U	0.31	0.60
Dichlorodifluoromethane		0.60	U	0.24	0.60
Bromochloromethane		0.60	U	0.16	0.60
Bromodichloromethane		0.60	U	0.18	0.60

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	117		70 - 138
Toluene-d8 (Surr)	97		66 - 126
Bromofluorobenzene	95		72 - 132

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-23-WT-S (6.5-8.5)**

Lab Sample ID: 460-30837-12 Date Sampled: 09/08/2011 1750
Client Matrix: Solid % Moisture: 12.2 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86004	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12679.d
Dilution:	1.0			Initial Weight/Volume:	9.51 g
Analysis Date:	09/14/2011 1256			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0920				

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: 460-30837-1

Client Sample ID: **PMP-23-VD-S (3.5-5.0)**

Lab Sample ID: 460-30837-13 Date Sampled: 09/08/2011 1745
Client Matrix: Solid % Moisture: 3.7 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86004	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12680.d
Dilution:	1.0			Initial Weight/Volume:	8.69 g
Analysis Date:	09/14/2011 1320			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0921				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.60	U	0.38	0.60
Bromomethane		0.60	U	0.24	0.60
Vinyl chloride		0.60	U	0.14	0.60
Chloroethane		0.60	U	0.24	0.60
Methylene Chloride		1.2		0.28	0.60
Acetone		12		2.2	6.0
Carbon disulfide		0.60	U	0.28	0.60
Trichlorofluoromethane		0.60	U	0.16	0.60
1,1-Dichloroethene		0.60	U	0.22	0.60
1,1-Dichloroethane		0.60	U	0.15	0.60
trans-1,2-Dichloroethene		0.60	U	0.17	0.60
cis-1,2-Dichloroethene		0.60	U	0.14	0.60
Chloroform		0.60	U	0.14	0.60
2-Butanone		6.0	U	0.34	6.0
1,2-Dichloroethane		0.60	U	0.23	0.60
1,1,1-Trichloroethane		0.60	U	0.11	0.60
Carbon tetrachloride		0.60	U	0.060	0.60
Benzene		0.60	U	0.44	0.60
Bromoform		0.60	U	0.42	0.60
Styrene		0.60	U	0.21	0.60
Ethylbenzene		0.60	U	0.11	0.60
Chlorobenzene		0.60	U	0.29	0.60
Cyclohexane		0.60	U	0.13	0.60
Isopropylbenzene		0.60	U	0.15	0.60
2-Hexanone		6.0	U	1.0	6.0
MTBE		0.60	U	0.21	0.60
Freon TF		0.60	U	0.28	0.60
Methyl acetate		0.60	U	0.53	0.60
1,4-Dioxane		30	U	2.5	30
Trichloroethene		0.60	U	0.22	0.60
Toluene		0.60	U	0.18	0.60
trans-1,3-Dichloropropene		0.60	U	0.13	0.60
4-Methyl-2-pentanone		6.0	U	0.43	6.0
cis-1,3-Dichloropropene		0.60	U	0.12	0.60
1,2-Dichlorobenzene		0.60	U	0.38	0.60
1,3-Dichlorobenzene		0.60	U	0.29	0.60
1,4-Dichlorobenzene		0.60	U	0.42	0.60
1,2,4-Trichlorobenzene		0.60	U	0.32	0.60
1,2,3-Trichlorobenzene		0.60	U	0.39	0.60
1,2-Dichloropropane		0.60	U	0.19	0.60
Methylcyclohexane		0.60	U	0.16	0.60
Tetrachloroethene		0.60	U	0.20	0.60
Xylenes, Total		1.8	U	0.47	1.8
1,2-Dibromo-3-Chloropropane		0.60	U	0.37	0.60
1,1,2,2-Tetrachloroethane		0.60	U	0.45	0.60
1,1,2-Trichloroethane		0.60	U	0.35	0.60

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-23-VD-S (3.5-5.0)**

Lab Sample ID: 460-30837-13 Date Sampled: 09/08/2011 1745
Client Matrix: Solid % Moisture: 3.7 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86004	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12680.d
Dilution:	1.0			Initial Weight/Volume:	8.69 g
Analysis Date:	09/14/2011 1320			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0921				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.60	U	0.33	0.60
1,2-Dibromoethane		0.60	U	0.31	0.60
Dichlorodifluoromethane		0.60	U	0.24	0.60
Bromochloromethane		0.60	U	0.16	0.60
Bromodichloromethane		0.60	U	0.18	0.60

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113		70 - 138
Toluene-d8 (Surr)	93		66 - 126
Bromofluorobenzene	91		72 - 132

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-23-VD-S (3.5-5.0)**

Lab Sample ID: 460-30837-13 Date Sampled: 09/08/2011 1745
Client Matrix: Solid % Moisture: 3.7 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86004	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12680.d
Dilution:	1.0			Initial Weight/Volume:	8.69 g
Analysis Date:	09/14/2011 1320			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0921				

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: 460-30837-1

Client Sample ID: **PMP-12-VS-S (0.5-1.0)**

Lab Sample ID: 460-30837-14 Date Sampled: 09/09/2011 0905
Client Matrix: Solid % Moisture: 5.8 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86290	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12748.d
Dilution:	1.0			Initial Weight/Volume:	3.43 g
Analysis Date:	09/15/2011 2353			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0921				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		1.5	U	0.98	1.5
Bromomethane		1.5	U	0.63	1.5
Vinyl chloride		1.5	U	0.36	1.5
Chloroethane		1.5	U	0.62	1.5
Methylene Chloride		4.1	B	0.73	1.5
Acetone		15	U	5.7	15
Carbon disulfide		1.5	U	0.72	1.5
Trichlorofluoromethane		1.5	U	0.40	1.5
1,1-Dichloroethene		1.5	U	0.57	1.5
1,1-Dichloroethane		1.5	U	0.39	1.5
trans-1,2-Dichloroethene		1.5	U	0.44	1.5
cis-1,2-Dichloroethene		1.5	U	0.37	1.5
Chloroform		1.5	U	0.37	1.5
2-Butanone		15	U	0.88	15
1,2-Dichloroethane		1.5	U	0.60	1.5
1,1,1-Trichloroethane		1.5	U	0.29	1.5
Carbon tetrachloride		1.5	U	0.16	1.5
Benzene		1.5	U	1.1	1.5
Bromoform		1.5	U	1.1	1.5
Styrene		1.5	U	0.54	1.5
Ethylbenzene		1.5	U	0.30	1.5
Chlorobenzene		1.5	U	0.75	1.5
Cyclohexane		1.5	U *	0.34	1.5
Isopropylbenzene		1.5	U	0.40	1.5
2-Hexanone		15	U	2.6	15
MTBE		1.5	U	0.53	1.5
Freon TF		1.5	U	0.74	1.5
Methyl acetate		1.5	U	1.4	1.5
1,4-Dioxane		77	U	6.4	77
Trichloroethene		1.5	U	0.56	1.5
Toluene		1.5	U	0.46	1.5
trans-1,3-Dichloropropene		1.5	U	0.34	1.5
4-Methyl-2-pentanone		15	U	1.1	15
cis-1,3-Dichloropropene		1.5	U	0.31	1.5
1,2-Dichlorobenzene		1.5	U	0.99	1.5
1,3-Dichlorobenzene		1.5	U	0.75	1.5
1,4-Dichlorobenzene		1.5	U	1.1	1.5
1,2,4-Trichlorobenzene		1.5	U	0.83	1.5
1,2,3-Trichlorobenzene		1.5	U	1.0	1.5
1,2-Dichloropropane		1.5	U	0.49	1.5
Methylcyclohexane		1.5	U	0.42	1.5
Tetrachloroethene		1.5	U	0.51	1.5
Xylenes, Total		4.6	U	1.2	4.6
1,2-Dibromo-3-Chloropropane		1.5	U	0.95	1.5
1,1,2,2-Tetrachloroethane		1.5	U	1.2	1.5
1,1,2-Trichloroethane		1.5	U	0.92	1.5

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-12-VS-S (0.5-1.0)**

Lab Sample ID: 460-30837-14 Date Sampled: 09/09/2011 0905
Client Matrix: Solid % Moisture: 5.8 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86290	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12748.d
Dilution:	1.0			Initial Weight/Volume:	3.43 g
Analysis Date:	09/15/2011 2353			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0921				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		1.5	U	0.87	1.5
1,2-Dibromoethane		1.5	U	0.80	1.5
Dichlorodifluoromethane		1.5	U	0.63	1.5
Bromochloromethane		1.5	U	0.42	1.5
Bromodichloromethane		1.5	U	0.47	1.5

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		70 - 138
Toluene-d8 (Surr)	99		66 - 126
Bromofluorobenzene	99		72 - 132

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-12-VS-S (0.5-1.0)**

Lab Sample ID: 460-30837-14 Date Sampled: 09/09/2011 0905
Client Matrix: Solid % Moisture: 5.8 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86290	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12748.d
Dilution:	1.0			Initial Weight/Volume:	3.43 g
Analysis Date:	09/15/2011 2353			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0921				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown	13.23	33	J

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-12-VD-S (2.5-3.0)**

Lab Sample ID: 460-30837-15 Date Sampled: 09/09/2011 0910
Client Matrix: Solid % Moisture: 3.8 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86290	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12749.d
Dilution:	1.0			Initial Weight/Volume:	5.09 g
Analysis Date:	09/16/2011 0017			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0922				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		1.0	U	0.65	1.0
Bromomethane		1.0	U	0.42	1.0
Vinyl chloride		1.0	U	0.24	1.0
Chloroethane		1.0	U	0.41	1.0
Methylene Chloride		3.2	B	0.48	1.0
Acetone		37	B	3.8	10
Carbon disulfide		1.0	U	0.47	1.0
Trichlorofluoromethane		1.0	U	0.27	1.0
1,1-Dichloroethene		1.0	U	0.38	1.0
1,1-Dichloroethane		1.0	U	0.26	1.0
trans-1,2-Dichloroethene		1.0	U	0.29	1.0
cis-1,2-Dichloroethene		1.0	U	0.24	1.0
Chloroform		1.0	U	0.24	1.0
2-Butanone		10	U	0.58	10
1,2-Dichloroethane		1.0	U	0.40	1.0
1,1,1-Trichloroethane		1.0	U	0.19	1.0
Carbon tetrachloride		1.0	U	0.10	1.0
Benzene		1.0	U	0.76	1.0
Bromoform		1.0	U	0.72	1.0
Styrene		1.0	U	0.35	1.0
Ethylbenzene		1.0	U	0.20	1.0
Chlorobenzene		1.0	U	0.49	1.0
Cyclohexane		1.0	U *	0.23	1.0
Isopropylbenzene		1.0	U	0.26	1.0
2-Hexanone		10	U	1.7	10
MTBE		1.0	U	0.35	1.0
Freon TF		1.0	U	0.49	1.0
Methyl acetate		1.0	U	0.91	1.0
1,4-Dioxane		51	U	4.2	51
Trichloroethene		1.0	U	0.37	1.0
Toluene		0.34	J	0.31	1.0
trans-1,3-Dichloropropene		1.0	U	0.23	1.0
4-Methyl-2-pentanone		10	U	0.73	10
cis-1,3-Dichloropropene		1.0	U	0.21	1.0
1,2-Dichlorobenzene		1.0	U	0.65	1.0
1,3-Dichlorobenzene		1.0	U	0.50	1.0
1,4-Dichlorobenzene		1.0	U	0.73	1.0
1,2,4-Trichlorobenzene		1.0	U	0.55	1.0
1,2,3-Trichlorobenzene		1.0	U	0.66	1.0
1,2-Dichloropropane		1.0	U	0.32	1.0
Methylcyclohexane		1.0	U	0.28	1.0
Tetrachloroethene		1.0	U	0.34	1.0
Xylenes, Total		3.1	U	0.80	3.1
1,2-Dibromo-3-Chloropropane		1.0	U	0.62	1.0
1,1,2,2-Tetrachloroethane		1.0	U	0.78	1.0
1,1,2-Trichloroethane		1.0	U	0.61	1.0

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-12-VD-S (2.5-3.0)**

Lab Sample ID: 460-30837-15 Date Sampled: 09/09/2011 0910
Client Matrix: Solid % Moisture: 3.8 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86290	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12749.d
Dilution:	1.0			Initial Weight/Volume:	5.09 g
Analysis Date:	09/16/2011 0017			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0922				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		1.0	U	0.57	1.0
1,2-Dibromoethane		1.0	U	0.53	1.0
Dichlorodifluoromethane		1.0	U	0.42	1.0
Bromochloromethane		1.0	U	0.28	1.0
Bromodichloromethane		1.0	U	0.31	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 138
Toluene-d8 (Surr)	97		66 - 126
Bromofluorobenzene	93		72 - 132

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-12-VD-S (2.5-3.0)**

Lab Sample ID: 460-30837-15 Date Sampled: 09/09/2011 0910
Client Matrix: Solid % Moisture: 3.8 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86290	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12749.d
Dilution:	1.0			Initial Weight/Volume:	5.09 g
Analysis Date:	09/16/2011 0017			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0922				

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: 460-30837-1

Client Sample ID: **PMP-12-WT-S (7.0-7.5)**

Lab Sample ID: 460-30837-16 Date Sampled: 09/09/2011 0915
Client Matrix: Solid % Moisture: 11.9 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86004	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12682.d
Dilution:	1.0			Initial Weight/Volume:	11.62 g
Analysis Date:	09/14/2011 1408			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0922				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.49	U	0.31	0.49
Bromomethane		0.49	U	0.20	0.49
Vinyl chloride		0.49	U	0.11	0.49
Chloroethane		0.49	U	0.19	0.49
Methylene Chloride		0.53		0.23	0.49
Acetone		4.7	J	1.8	4.9
Carbon disulfide		0.49	U	0.23	0.49
Trichlorofluoromethane		0.49	U	0.13	0.49
1,1-Dichloroethene		0.49	U	0.18	0.49
1,1-Dichloroethane		0.49	U	0.12	0.49
trans-1,2-Dichloroethene		0.49	U	0.14	0.49
cis-1,2-Dichloroethene		0.49	U	0.12	0.49
Chloroform		0.49	U	0.12	0.49
2-Butanone		4.9	U	0.28	4.9
1,2-Dichloroethane		0.49	U	0.19	0.49
1,1,1-Trichloroethane		0.49	U	0.091	0.49
Carbon tetrachloride		0.49	U	0.049	0.49
Benzene		0.49	U	0.36	0.49
Bromoform		0.49	U	0.34	0.49
Styrene		0.49	U	0.17	0.49
Ethylbenzene		0.49	U	0.093	0.49
Chlorobenzene		0.49	U	0.24	0.49
Cyclohexane		0.49	U	0.11	0.49
Isopropylbenzene		0.49	U	0.13	0.49
2-Hexanone		4.9	U	0.82	4.9
MTBE		0.49	U	0.17	0.49
Freon TF		0.49	U	0.23	0.49
Methyl acetate		0.49	U	0.44	0.49
1,4-Dioxane		24	U	2.0	24
Trichloroethene		0.49	U	0.18	0.49
Toluene		0.49	U	0.15	0.49
trans-1,3-Dichloropropene		0.49	U	0.11	0.49
4-Methyl-2-pentanone		4.9	U	0.35	4.9
cis-1,3-Dichloropropene		0.49	U	0.098	0.49
1,2-Dichlorobenzene		0.49	U	0.31	0.49
1,3-Dichlorobenzene		0.49	U	0.24	0.49
1,4-Dichlorobenzene		0.49	U	0.35	0.49
1,2,4-Trichlorobenzene		0.49	U	0.26	0.49
1,2,3-Trichlorobenzene		0.49	U	0.32	0.49
1,2-Dichloropropane		0.49	U	0.16	0.49
Methylcyclohexane		0.49	U	0.13	0.49
Tetrachloroethene		0.49	U	0.16	0.49
Xylenes, Total		1.5	U	0.38	1.5
1,2-Dibromo-3-Chloropropane		0.49	U	0.30	0.49
1,1,2,2-Tetrachloroethane		0.49	U	0.37	0.49
1,1,2-Trichloroethane		0.49	U	0.29	0.49

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-12-WT-S (7.0-7.5)**

Lab Sample ID: 460-30837-16 Date Sampled: 09/09/2011 0915
Client Matrix: Solid % Moisture: 11.9 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86004	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12682.d
Dilution:	1.0			Initial Weight/Volume:	11.62 g
Analysis Date:	09/14/2011 1408			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0922				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.49	U	0.27	0.49
1,2-Dibromoethane		0.49	U	0.25	0.49
Dichlorodifluoromethane		0.49	U	0.20	0.49
Bromochloromethane		0.49	U	0.13	0.49
Bromodichloromethane		0.49	U	0.15	0.49

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	115		70 - 138
Toluene-d8 (Surr)	96		66 - 126
Bromofluorobenzene	89		72 - 132

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-12-WT-S (7.0-7.5)**

Lab Sample ID: 460-30837-16 Date Sampled: 09/09/2011 0915
Client Matrix: Solid % Moisture: 11.9 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86004	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12682.d
Dilution:	1.0			Initial Weight/Volume:	11.62 g
Analysis Date:	09/14/2011 1408			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0922				

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: 460-30837-1

Client Sample ID: **Dup_090811**

Lab Sample ID: 460-30837-17FD Date Sampled: 09/09/2011 0000
Client Matrix: Solid % Moisture: 10.9 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86004	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12683.d
Dilution:	1.0			Initial Weight/Volume:	11.7 g
Analysis Date:	09/14/2011 1432			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0923				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.48	U	0.30	0.48
Bromomethane		0.48	U	0.20	0.48
Vinyl chloride		0.48	U	0.11	0.48
Chloroethane		0.48	U	0.19	0.48
Methylene Chloride		1.3		0.23	0.48
Acetone		14		1.8	4.8
Carbon disulfide		0.48	U	0.22	0.48
Trichlorofluoromethane		0.48	U	0.12	0.48
1,1-Dichloroethene		0.48	U	0.18	0.48
1,1-Dichloroethane		0.48	U	0.12	0.48
trans-1,2-Dichloroethene		0.48	U	0.14	0.48
cis-1,2-Dichloroethene		0.48	U	0.11	0.48
Chloroform		0.48	U	0.11	0.48
2-Butanone		4.8	U	0.27	4.8
1,2-Dichloroethane		0.48	U	0.19	0.48
1,1,1-Trichloroethane		0.48	U	0.090	0.48
Carbon tetrachloride		0.48	U	0.048	0.48
Benzene		0.48	U	0.36	0.48
Bromoform		0.48	U	0.34	0.48
Styrene		0.48	U	0.17	0.48
Ethylbenzene		0.48	U	0.092	0.48
Chlorobenzene		0.48	U	0.23	0.48
Cyclohexane		0.48	U	0.11	0.48
Isopropylbenzene		0.48	U	0.12	0.48
2-Hexanone		4.8	U	0.80	4.8
MTBE		0.48	U	0.17	0.48
Freon TF		0.48	U	0.23	0.48
Methyl acetate		0.48	U	0.43	0.48
1,4-Dioxane		24	U	2.0	24
Trichloroethene		0.48	U	0.17	0.48
Toluene		0.48	U	0.14	0.48
trans-1,3-Dichloropropene		0.48	U	0.11	0.48
4-Methyl-2-pentanone		4.8	U	0.34	4.8
cis-1,3-Dichloropropene		0.48	U	0.096	0.48
1,2-Dichlorobenzene		0.48	U	0.31	0.48
1,3-Dichlorobenzene		0.48	U	0.23	0.48
1,4-Dichlorobenzene		0.48	U	0.34	0.48
1,2,4-Trichlorobenzene		0.48	U	0.26	0.48
1,2,3-Trichlorobenzene		0.48	U	0.31	0.48
1,2-Dichloropropane		0.48	U	0.15	0.48
Methylcyclohexane		0.48	U	0.13	0.48
Tetrachloroethene		0.48	U	0.16	0.48
Xylenes, Total		1.4	U	0.38	1.4
1,2-Dibromo-3-Chloropropane		0.48	U	0.29	0.48
1,1,2,2-Tetrachloroethane		0.48	U	0.36	0.48
1,1,2-Trichloroethane		0.48	U	0.28	0.48

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **Dup_090811**

Lab Sample ID: 460-30837-17FD Date Sampled: 09/09/2011 0000
Client Matrix: Solid % Moisture: 10.9 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86004	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12683.d
Dilution:	1.0			Initial Weight/Volume:	11.7 g
Analysis Date:	09/14/2011 1432			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0923				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.48	U	0.27	0.48
1,2-Dibromoethane		0.48	U	0.25	0.48
Dichlorodifluoromethane		0.48	U	0.20	0.48
Bromochloromethane		0.48	U	0.13	0.48
Bromodichloromethane		0.48	U	0.15	0.48

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	126		70 - 138
Toluene-d8 (Surr)	105		66 - 126
Bromofluorobenzene	104		72 - 132

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **Dup_090811**

Lab Sample ID: 460-30837-17FD Date Sampled: 09/09/2011 0000
Client Matrix: Solid % Moisture: 10.9 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86004	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12683.d
Dilution:	1.0			Initial Weight/Volume:	11.7 g
Analysis Date:	09/14/2011 1432			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0923				

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: 460-30837-1

Client Sample ID: **PMP-25-VS-S (1-3)**

Lab Sample ID: 460-30837-18 Date Sampled: 09/09/2011 0935
Client Matrix: Solid % Moisture: 7.1 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86004	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12684.d
Dilution:	1.0			Initial Weight/Volume:	5.92 g
Analysis Date:	09/14/2011 1456			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0923				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.91	U	0.58	0.91
Bromomethane		0.91	U	0.37	0.91
Vinyl chloride		0.91	U	0.21	0.91
Chloroethane		0.91	U	0.36	0.91
Methylene Chloride		2.5		0.43	0.91
Acetone		8.9	J	3.4	9.1
Carbon disulfide		0.91	U	0.42	0.91
Trichlorofluoromethane		0.91	U	0.24	0.91
1,1-Dichloroethene		0.91	U	0.34	0.91
1,1-Dichloroethane		0.91	U	0.23	0.91
trans-1,2-Dichloroethene		0.91	U	0.26	0.91
cis-1,2-Dichloroethene		0.91	U	0.21	0.91
Chloroform		0.91	U	0.22	0.91
2-Butanone		9.1	U	0.52	9.1
1,2-Dichloroethane		0.91	U	0.35	0.91
1,1,1-Trichloroethane		0.91	U	0.17	0.91
Carbon tetrachloride		0.91	U	0.092	0.91
Benzene		0.91	U	0.67	0.91
Bromoform		0.91	U	0.64	0.91
Styrene		0.91	U	0.31	0.91
Ethylbenzene		0.22	J	0.17	0.91
Chlorobenzene		0.91	U	0.44	0.91
Cyclohexane		0.91	U	0.20	0.91
Isopropylbenzene		0.91	U	0.24	0.91
2-Hexanone		9.1	U	1.5	9.1
MTBE		0.91	U	0.31	0.91
Freon TF		0.91	U	0.43	0.91
Methyl acetate		0.91	U	0.81	0.91
1,4-Dioxane		45	U	3.8	45
Trichloroethene		0.91	U	0.33	0.91
Toluene		0.91	U	0.27	0.91
trans-1,3-Dichloropropene		0.91	U	0.20	0.91
4-Methyl-2-pentanone		9.1	U	0.65	9.1
cis-1,3-Dichloropropene		0.91	U	0.18	0.91
1,2-Dichlorobenzene		0.91	U	0.58	0.91
1,3-Dichlorobenzene		0.91	U	0.44	0.91
1,4-Dichlorobenzene		0.91	U	0.65	0.91
1,2,4-Trichlorobenzene		0.91	U	0.49	0.91
1,2,3-Trichlorobenzene		0.91	U	0.59	0.91
1,2-Dichloropropane		0.91	U	0.29	0.91
Methylcyclohexane		0.91	U	0.25	0.91
Tetrachloroethene		0.91	U	0.30	0.91
Xylenes, Total		2.7	U	0.71	2.7
1,2-Dibromo-3-Chloropropane		0.91	U	0.56	0.91
1,1,2,2-Tetrachloroethane		0.91	U	0.69	0.91
1,1,2-Trichloroethane		0.91	U	0.54	0.91

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-25-VS-S (1-3)**

Lab Sample ID: 460-30837-18 Date Sampled: 09/09/2011 0935
Client Matrix: Solid % Moisture: 7.1 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86004	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12684.d
Dilution:	1.0			Initial Weight/Volume:	5.92 g
Analysis Date:	09/14/2011 1456			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0923				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.91	U	0.51	0.91
1,2-Dibromoethane		0.91	U	0.47	0.91
Dichlorodifluoromethane		0.91	U	0.37	0.91
Bromochloromethane		0.91	U	0.25	0.91
Bromodichloromethane		0.91	U	0.28	0.91

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	114		70 - 138
Toluene-d8 (Surr)	102		66 - 126
Bromofluorobenzene	96		72 - 132

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-25-VS-S (1-3)**

Lab Sample ID: 460-30837-18 Date Sampled: 09/09/2011 0935
Client Matrix: Solid % Moisture: 7.1 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86004	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12684.d
Dilution:	1.0			Initial Weight/Volume:	5.92 g
Analysis Date:	09/14/2011 1456			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0923				

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: 460-30837-1

Client Sample ID: **PMP-25-VD-S (3-5)**

Lab Sample ID: 460-30837-19 Date Sampled: 09/09/2011 0940
Client Matrix: Solid % Moisture: 13.3 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86290	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12750.d
Dilution:	1.0			Initial Weight/Volume:	5.88 g
Analysis Date:	09/16/2011 0041			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0924				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.98	U	0.62	0.98
Bromomethane		0.98	U	0.40	0.98
Vinyl chloride		0.98	U	0.23	0.98
Chloroethane		0.98	U	0.39	0.98
Methylene Chloride		2.3	B	0.46	0.98
Acetone		8.2	J B	3.6	9.8
Carbon disulfide		0.98	U	0.46	0.98
Trichlorofluoromethane		0.98	U	0.25	0.98
1,1-Dichloroethene		0.98	U	0.36	0.98
1,1-Dichloroethane		0.98	U	0.25	0.98
trans-1,2-Dichloroethene		0.98	U	0.28	0.98
cis-1,2-Dichloroethene		0.98	U	0.23	0.98
Chloroform		0.98	U	0.23	0.98
2-Butanone		9.8	U	0.56	9.8
1,2-Dichloroethane		0.98	U	0.38	0.98
1,1,1-Trichloroethane		0.98	U	0.18	0.98
Carbon tetrachloride		0.98	U	0.099	0.98
Benzene		0.98	U	0.73	0.98
Bromoform		0.98	U	0.69	0.98
Styrene		0.98	U	0.34	0.98
Ethylbenzene		0.98	U	0.19	0.98
Chlorobenzene		0.98	U	0.47	0.98
Cyclohexane		0.98	U *	0.22	0.98
Isopropylbenzene		0.98	U	0.25	0.98
2-Hexanone		9.8	U	1.6	9.8
MTBE		0.98	U	0.34	0.98
Freon TF		0.98	U	0.47	0.98
Methyl acetate		0.98	U	0.88	0.98
1,4-Dioxane		49	U	4.1	49
Trichloroethene		0.98	U	0.36	0.98
Toluene		0.98	U	0.29	0.98
trans-1,3-Dichloropropene		0.98	U	0.22	0.98
4-Methyl-2-pentanone		9.8	U	0.70	9.8
cis-1,3-Dichloropropene		0.98	U	0.20	0.98
1,2-Dichlorobenzene		0.98	U	0.62	0.98
1,3-Dichlorobenzene		0.98	U	0.48	0.98
1,4-Dichlorobenzene		0.98	U	0.70	0.98
1,2,4-Trichlorobenzene		0.98	U	0.52	0.98
1,2,3-Trichlorobenzene		0.98	U	0.64	0.98
1,2-Dichloropropane		0.98	U	0.31	0.98
Methylcyclohexane		0.98	U	0.27	0.98
Tetrachloroethene		0.98	U	0.32	0.98
Xylenes, Total		2.9	U	0.77	2.9
1,2-Dibromo-3-Chloropropane		0.98	U	0.60	0.98
1,1,2,2-Tetrachloroethane		0.98	U	0.75	0.98
1,1,2-Trichloroethane		0.98	U	0.58	0.98

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-25-VD-S (3-5)**

Lab Sample ID: 460-30837-19 Date Sampled: 09/09/2011 0940
Client Matrix: Solid % Moisture: 13.3 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86290	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12750.d
Dilution:	1.0			Initial Weight/Volume:	5.88 g
Analysis Date:	09/16/2011 0041			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0924				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.98	U	0.55	0.98
1,2-Dibromoethane		0.98	U	0.51	0.98
Dichlorodifluoromethane		0.98	U	0.40	0.98
Bromochloromethane		0.98	U	0.27	0.98
Bromodichloromethane		0.98	U	0.30	0.98

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		70 - 138
Toluene-d8 (Surr)	95		66 - 126
Bromofluorobenzene	92		72 - 132

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-25-VD-S (3-5)**

Lab Sample ID: 460-30837-19 Date Sampled: 09/09/2011 0940
Client Matrix: Solid % Moisture: 13.3 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86290	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12750.d
Dilution:	1.0			Initial Weight/Volume:	5.88 g
Analysis Date:	09/16/2011 0041			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0924				

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: 460-30837-1

Client Sample ID: **PMP-25-WT-S (7.5-9.5)**

Lab Sample ID: 460-30837-20 Date Sampled: 09/09/2011 0945
Client Matrix: Solid % Moisture: 12.2 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86290	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12751.d
Dilution:	1.0			Initial Weight/Volume:	10.19 g
Analysis Date:	09/16/2011 0104			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0924				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.56	U	0.35	0.56
Bromomethane		0.56	U	0.23	0.56
Vinyl chloride		0.56	U	0.13	0.56
Chloroethane		0.56	U	0.22	0.56
Methylene Chloride		2.0	B	0.26	0.56
Acetone		12	B	2.1	5.6
Carbon disulfide		0.56	U	0.26	0.56
Trichlorofluoromethane		0.56	U	0.15	0.56
1,1-Dichloroethene		0.56	U	0.21	0.56
1,1-Dichloroethane		0.56	U	0.14	0.56
trans-1,2-Dichloroethene		0.56	U	0.16	0.56
cis-1,2-Dichloroethene		0.56	U	0.13	0.56
Chloroform		0.56	U	0.13	0.56
2-Butanone		5.6	U	0.32	5.6
1,2-Dichloroethane		0.56	U	0.22	0.56
1,1,1-Trichloroethane		0.56	U	0.10	0.56
Carbon tetrachloride		0.56	U	0.056	0.56
Benzene		0.56	U	0.41	0.56
Bromoform		0.56	U	0.39	0.56
Styrene		0.56	U	0.19	0.56
Ethylbenzene		0.56	U	0.11	0.56
Chlorobenzene		0.56	U	0.27	0.56
Cyclohexane		0.56	U *	0.12	0.56
Isopropylbenzene		0.56	U	0.14	0.56
2-Hexanone		5.6	U	0.94	5.6
MTBE		0.56	U	0.19	0.56
Freon TF		0.56	U	0.27	0.56
Methyl acetate		0.56	U	0.50	0.56
1,4-Dioxane		28	U	2.3	28
Trichloroethene		0.56	U	0.20	0.56
Toluene		0.56	U	0.17	0.56
trans-1,3-Dichloropropene		0.56	U	0.12	0.56
4-Methyl-2-pentanone		5.6	U	0.40	5.6
cis-1,3-Dichloropropene		0.56	U	0.11	0.56
1,2-Dichlorobenzene		0.56	U	0.36	0.56
1,3-Dichlorobenzene		0.56	U	0.27	0.56
1,4-Dichlorobenzene		0.56	U	0.40	0.56
1,2,4-Trichlorobenzene		0.56	U	0.30	0.56
1,2,3-Trichlorobenzene		0.56	U	0.36	0.56
1,2-Dichloropropane		0.56	U	0.18	0.56
Methylcyclohexane		0.56	U	0.15	0.56
Tetrachloroethene		0.56	U	0.18	0.56
Xylenes, Total		1.7	U	0.44	1.7
1,2-Dibromo-3-Chloropropane		0.56	U	0.34	0.56
1,1,2,2-Tetrachloroethane		0.56	U	0.42	0.56
1,1,2-Trichloroethane		0.56	U	0.33	0.56

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-25-WT-S (7.5-9.5)**

Lab Sample ID: 460-30837-20 Date Sampled: 09/09/2011 0945
Client Matrix: Solid % Moisture: 12.2 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86290	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12751.d
Dilution:	1.0			Initial Weight/Volume:	10.19 g
Analysis Date:	09/16/2011 0104			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0924				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.56	U	0.31	0.56
1,2-Dibromoethane		0.56	U	0.29	0.56
Dichlorodifluoromethane		0.56	U	0.23	0.56
Bromochloromethane		0.56	U	0.15	0.56
Bromodichloromethane		0.56	U	0.17	0.56

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	111		70 - 138
Toluene-d8 (Surr)	103		66 - 126
Bromofluorobenzene	101		72 - 132

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-25-WT-S (7.5-9.5)**

Lab Sample ID: 460-30837-20 Date Sampled: 09/09/2011 0945
Client Matrix: Solid % Moisture: 12.2 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86290	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12751.d
Dilution:	1.0			Initial Weight/Volume:	10.19 g
Analysis Date:	09/16/2011 0104			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0924				

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: 460-30837-1

Client Sample ID: **PMP-14-VS-S (0.5-1.0)**

Lab Sample ID: 460-30837-21 Date Sampled: 09/09/2011 1000
Client Matrix: Solid % Moisture: 4.0 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86290	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12752.d
Dilution:	1.0			Initial Weight/Volume:	3.88 g
Analysis Date:	09/16/2011 0128			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0925				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		1.3	U	0.85	1.3
Bromomethane		1.3	U	0.55	1.3
Vinyl chloride		1.3	U	0.31	1.3
Chloroethane		1.3	U	0.54	1.3
Methylene Chloride		2.4	B	0.63	1.3
Acetone		22	B	5.0	13
Carbon disulfide		1.3	U	0.62	1.3
Trichlorofluoromethane		1.3	U	0.35	1.3
1,1-Dichloroethene		1.3	U	0.50	1.3
1,1-Dichloroethane		1.3	U	0.34	1.3
trans-1,2-Dichloroethene		1.3	U	0.38	1.3
cis-1,2-Dichloroethene		1.3	U	0.32	1.3
Chloroform		1.3	U	0.32	1.3
2-Butanone		13	U	0.76	13
1,2-Dichloroethane		1.3	U	0.52	1.3
1,1,1-Trichloroethane		1.3	U	0.25	1.3
Carbon tetrachloride		1.3	U	0.14	1.3
Benzene		1.3	U	0.99	1.3
Bromoform		1.3	U	0.94	1.3
Styrene		1.3	U	0.46	1.3
Ethylbenzene		1.5		0.26	1.3
Chlorobenzene		1.3	U	0.65	1.3
Cyclohexane		1.3	U *	0.30	1.3
Isopropylbenzene		1.3	U	0.35	1.3
2-Hexanone		13	U	2.2	13
MTBE		1.3	U	0.46	1.3
Freon TF		1.3	U	0.64	1.3
Methyl acetate		1.3	U	1.2	1.3
1,4-Dioxane		67	U	5.6	67
Trichloroethene		1.3	U	0.49	1.3
Toluene		1.1	J	0.40	1.3
trans-1,3-Dichloropropene		1.3	U	0.30	1.3
4-Methyl-2-pentanone		13	U	0.96	13
cis-1,3-Dichloropropene		1.3	U	0.27	1.3
1,2-Dichlorobenzene		1.3	U	0.85	1.3
1,3-Dichlorobenzene		1.3	U	0.65	1.3
1,4-Dichlorobenzene		1.3	U	0.95	1.3
1,2,4-Trichlorobenzene		1.3	U	0.72	1.3
1,2,3-Trichlorobenzene		1.3	U	0.87	1.3
1,2-Dichloropropane		1.3	U	0.43	1.3
Methylcyclohexane		1.3	U	0.37	1.3
Tetrachloroethene		1.3	U	0.44	1.3
Xylenes, Total		4.5		1.1	4.0
1,2-Dibromo-3-Chloropropane		1.3	U	0.82	1.3
1,1,2,2-Tetrachloroethane		1.3	U	1.0	1.3
1,1,2-Trichloroethane		1.3	U	0.80	1.3

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-14-VS-S (0.5-1.0)**

Lab Sample ID: 460-30837-21 Date Sampled: 09/09/2011 1000
Client Matrix: Solid % Moisture: 4.0 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86290	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12752.d
Dilution:	1.0			Initial Weight/Volume:	3.88 g
Analysis Date:	09/16/2011 0128			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0925				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		1.3	U	0.75	1.3
1,2-Dibromoethane		1.3	U	0.70	1.3
Dichlorodifluoromethane		1.3	U	0.55	1.3
Bromochloromethane		1.3	U	0.36	1.3
Bromodichloromethane		1.3	U	0.41	1.3

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		70 - 138
Toluene-d8 (Surr)	97		66 - 126
Bromofluorobenzene	97		72 - 132

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-14-VS-S (0.5-1.0)**

Lab Sample ID: 460-30837-21 Date Sampled: 09/09/2011 1000
Client Matrix: Solid % Moisture: 4.0 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86290	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12752.d
Dilution:	1.0			Initial Weight/Volume:	3.88 g
Analysis Date:	09/16/2011 0128			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0925				

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: 460-30837-1

Client Sample ID: **PMP-14-VD-S (2.5-3.0)**

Lab Sample ID: 460-30837-22 Date Sampled: 09/09/2011 1005
Client Matrix: Solid % Moisture: 3.6 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86290	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12753.d
Dilution:	1.0			Initial Weight/Volume:	5.43 g
Analysis Date:	09/16/2011 0152			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0925				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.96	U	0.61	0.96
Bromomethane		0.96	U	0.39	0.96
Vinyl chloride		0.96	U	0.22	0.96
Chloroethane		0.96	U	0.38	0.96
Methylene Chloride		2.7	B	0.45	0.96
Acetone		6.8	J B	3.5	9.6
Carbon disulfide		0.96	U	0.44	0.96
Trichlorofluoromethane		0.96	U	0.25	0.96
1,1-Dichloroethene		0.96	U	0.35	0.96
1,1-Dichloroethane		0.96	U	0.24	0.96
trans-1,2-Dichloroethene		0.96	U	0.27	0.96
cis-1,2-Dichloroethene		0.96	U	0.23	0.96
Chloroform		0.96	U	0.23	0.96
2-Butanone		9.6	U	0.54	9.6
1,2-Dichloroethane		0.96	U	0.37	0.96
1,1,1-Trichloroethane		0.96	U	0.18	0.96
Carbon tetrachloride		0.96	U	0.096	0.96
Benzene		0.96	U	0.71	0.96
Bromoform		0.96	U	0.67	0.96
Styrene		0.96	U	0.33	0.96
Ethylbenzene		0.96	U	0.18	0.96
Chlorobenzene		0.96	U	0.46	0.96
Cyclohexane		0.96	U *	0.21	0.96
Isopropylbenzene		0.96	U	0.25	0.96
2-Hexanone		9.6	U	1.6	9.6
MTBE		0.96	U	0.33	0.96
Freon TF		0.96	U	0.45	0.96
Methyl acetate		0.96	U	0.85	0.96
1,4-Dioxane		48	U	4.0	48
Trichloroethene		0.96	U	0.35	0.96
Toluene		0.96	U	0.29	0.96
trans-1,3-Dichloropropene		0.96	U	0.21	0.96
4-Methyl-2-pentanone		9.6	U	0.68	9.6
cis-1,3-Dichloropropene		0.96	U	0.19	0.96
1,2-Dichlorobenzene		0.96	U	0.61	0.96
1,3-Dichlorobenzene		0.96	U	0.46	0.96
1,4-Dichlorobenzene		0.96	U	0.68	0.96
1,2,4-Trichlorobenzene		0.96	U	0.51	0.96
1,2,3-Trichlorobenzene		0.96	U	0.62	0.96
1,2-Dichloropropane		0.96	U	0.30	0.96
Methylcyclohexane		0.96	U	0.26	0.96
Tetrachloroethene		0.96	U	0.32	0.96
Xylenes, Total		2.9	U	0.75	2.9
1,2-Dibromo-3-Chloropropane		0.96	U	0.58	0.96
1,1,2,2-Tetrachloroethane		0.96	U	0.73	0.96
1,1,2-Trichloroethane		0.96	U	0.57	0.96

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-14-VD-S (2.5-3.0)**

Lab Sample ID: 460-30837-22 Date Sampled: 09/09/2011 1005
Client Matrix: Solid % Moisture: 3.6 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86290	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12753.d
Dilution:	1.0			Initial Weight/Volume:	5.43 g
Analysis Date:	09/16/2011 0152			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0925				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.96	U	0.53	0.96
1,2-Dibromoethane		0.96	U	0.49	0.96
Dichlorodifluoromethane		0.96	U	0.39	0.96
Bromochloromethane		0.96	U	0.26	0.96
Bromodichloromethane		0.96	U	0.29	0.96

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	109		70 - 138
Toluene-d8 (Surr)	95		66 - 126
Bromofluorobenzene	93		72 - 132

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-14-VD-S (2.5-3.0)**

Lab Sample ID: 460-30837-22 Date Sampled: 09/09/2011 1005
Client Matrix: Solid % Moisture: 3.6 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86290	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12753.d
Dilution:	1.0			Initial Weight/Volume:	5.43 g
Analysis Date:	09/16/2011 0152			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0925				

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: 460-30837-1

Client Sample ID: **PMP-14-WT-S (7.0-7.5)**

Lab Sample ID: 460-30837-23 Date Sampled: 09/09/2011 1010
Client Matrix: Solid % Moisture: 11.2 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86290	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12754.d
Dilution:	1.0			Initial Weight/Volume:	5.94 g
Analysis Date:	09/16/2011 0216			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0926				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.95	U	0.60	0.95
Bromomethane		0.95	U	0.39	0.95
Vinyl chloride		0.95	U	0.22	0.95
Chloroethane		0.95	U	0.38	0.95
Methylene Chloride		2.6	B	0.45	0.95
Acetone		26	B	3.5	9.5
Carbon disulfide		0.95	U	0.44	0.95
Trichlorofluoromethane		0.95	U	0.25	0.95
1,1-Dichloroethene		0.95	U	0.35	0.95
1,1-Dichloroethane		0.95	U	0.24	0.95
trans-1,2-Dichloroethene		0.95	U	0.27	0.95
cis-1,2-Dichloroethene		0.95	U	0.22	0.95
Chloroform		1.2		0.22	0.95
2-Butanone		9.5	U	0.54	9.5
1,2-Dichloroethane		0.95	U	0.37	0.95
1,1,1-Trichloroethane		0.95	U	0.18	0.95
Carbon tetrachloride		0.95	U	0.096	0.95
Benzene		0.95	U	0.70	0.95
Bromoform		0.95	U	0.66	0.95
Styrene		0.95	U	0.33	0.95
Ethylbenzene		0.95	U	0.18	0.95
Chlorobenzene		0.95	U	0.46	0.95
Cyclohexane		0.95	U *	0.21	0.95
Isopropylbenzene		0.95	U	0.25	0.95
2-Hexanone		9.5	U	1.6	9.5
MTBE		0.95	U	0.33	0.95
Freon TF		0.95	U	0.45	0.95
Methyl acetate		0.95	U	0.85	0.95
1,4-Dioxane		47	U	3.9	47
Trichloroethene		0.95	U	0.34	0.95
Toluene		0.95	U	0.28	0.95
trans-1,3-Dichloropropene		0.95	U	0.21	0.95
4-Methyl-2-pentanone		9.5	U	0.68	9.5
cis-1,3-Dichloropropene		0.95	U	0.19	0.95
1,2-Dichlorobenzene		0.95	U	0.60	0.95
1,3-Dichlorobenzene		0.95	U	0.46	0.95
1,4-Dichlorobenzene		0.95	U	0.67	0.95
1,2,4-Trichlorobenzene		0.95	U	0.51	0.95
1,2,3-Trichlorobenzene		0.95	U	0.61	0.95
1,2-Dichloropropane		0.95	U	0.30	0.95
Methylcyclohexane		0.95	U	0.26	0.95
Tetrachloroethene		0.95	U	0.31	0.95
Xylenes, Total		2.8	U	0.75	2.8
1,2-Dibromo-3-Chloropropane		0.95	U	0.58	0.95
1,1,2,2-Tetrachloroethane		0.95	U	0.72	0.95
1,1,2-Trichloroethane		0.95	U	0.56	0.95

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-14-WT-S (7.0-7.5)**

Lab Sample ID: 460-30837-23 Date Sampled: 09/09/2011 1010
Client Matrix: Solid % Moisture: 11.2 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86290	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12754.d
Dilution:	1.0			Initial Weight/Volume:	5.94 g
Analysis Date:	09/16/2011 0216			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0926				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.95	U	0.53	0.95
1,2-Dibromoethane		0.95	U	0.49	0.95
Dichlorodifluoromethane		0.95	U	0.39	0.95
Bromochloromethane		0.95	U	0.26	0.95
Bromodichloromethane		0.95	U	0.29	0.95

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107		70 - 138
Toluene-d8 (Surr)	95		66 - 126
Bromofluorobenzene	92		72 - 132

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-14-WT-S (7.0-7.5)**

Lab Sample ID: 460-30837-23 Date Sampled: 09/09/2011 1010
Client Matrix: Solid % Moisture: 11.2 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86290	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12754.d
Dilution:	1.0			Initial Weight/Volume:	5.94 g
Analysis Date:	09/16/2011 0216			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0926				

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: 460-30837-1

Client Sample ID: **PMP-8-VS-S (0.5-1.0)**

Lab Sample ID: 460-30837-24 Date Sampled: 09/09/2011 1015
Client Matrix: Solid % Moisture: 5.6 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86290	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12755.d
Dilution:	1.0			Initial Weight/Volume:	4.61 g
Analysis Date:	09/16/2011 0240			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0926				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		1.1	U	0.73	1.1
Bromomethane		1.1	U	0.47	1.1
Vinyl chloride		1.1	U	0.27	1.1
Chloroethane		1.1	U	0.46	1.1
Methylene Chloride		3.8	B	0.54	1.1
Acetone		31	B	4.2	11
Carbon disulfide		1.1	U	0.53	1.1
Trichlorofluoromethane		1.1	U	0.30	1.1
1,1-Dichloroethene		1.1	U	0.42	1.1
1,1-Dichloroethane		1.1	U	0.29	1.1
trans-1,2-Dichloroethene		1.1	U	0.33	1.1
cis-1,2-Dichloroethene		1.1	U	0.27	1.1
Chloroform		1.1	U	0.27	1.1
2-Butanone		11	U	0.65	11
1,2-Dichloroethane		1.1	U	0.45	1.1
1,1,1-Trichloroethane		1.1	U	0.21	1.1
Carbon tetrachloride		1.1	U	0.12	1.1
Benzene		1.1	U	0.85	1.1
Bromoform		1.1	U	0.81	1.1
Styrene		1.1	U	0.40	1.1
Ethylbenzene		0.66	J	0.22	1.1
Chlorobenzene		1.1	U	0.55	1.1
Cyclohexane		1.1	U *	0.25	1.1
Isopropylbenzene		1.1	U	0.30	1.1
2-Hexanone		11	U	1.9	11
MTBE		1.1	U	0.40	1.1
Freon TF		1.1	U	0.55	1.1
Methyl acetate		1.1	U	1.0	1.1
1,4-Dioxane		57	U	4.8	57
Trichloroethene		1.1	U	0.42	1.1
Toluene		0.66	J	0.34	1.1
trans-1,3-Dichloropropene		1.1	U	0.25	1.1
4-Methyl-2-pentanone		11	U	0.82	11
cis-1,3-Dichloropropene		1.1	U	0.23	1.1
1,2-Dichlorobenzene		1.1	U	0.73	1.1
1,3-Dichlorobenzene		1.1	U	0.56	1.1
1,4-Dichlorobenzene		1.1	U	0.82	1.1
1,2,4-Trichlorobenzene		1.1	U	0.61	1.1
1,2,3-Trichlorobenzene		1.1	U	0.74	1.1
1,2-Dichloropropane		1.1	U	0.37	1.1
Methylcyclohexane		1.1	U	0.31	1.1
Tetrachloroethene		1.1	U	0.38	1.1
Xylenes, Total		2.4	J	0.90	3.4
1,2-Dibromo-3-Chloropropane		1.1	U	0.70	1.1
1,1,2,2-Tetrachloroethane		1.1	U	0.87	1.1
1,1,2-Trichloroethane		1.1	U	0.68	1.1

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-8-VS-S (0.5-1.0)**

Lab Sample ID: 460-30837-24 Date Sampled: 09/09/2011 1015
Client Matrix: Solid % Moisture: 5.6 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86290	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12755.d
Dilution:	1.0			Initial Weight/Volume:	4.61 g
Analysis Date:	09/16/2011 0240			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0926				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		1.1	U	0.64	1.1
1,2-Dibromoethane		1.1	U	0.59	1.1
Dichlorodifluoromethane		1.1	U	0.47	1.1
Bromochloromethane		1.1	U	0.31	1.1
Bromodichloromethane		1.1	U	0.35	1.1

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110		70 - 138
Toluene-d8 (Surr)	96		66 - 126
Bromofluorobenzene	100		72 - 132

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-8-VS-S (0.5-1.0)**

Lab Sample ID: 460-30837-24 Date Sampled: 09/09/2011 1015
Client Matrix: Solid % Moisture: 5.6 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86290	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12755.d
Dilution:	1.0			Initial Weight/Volume:	4.61 g
Analysis Date:	09/16/2011 0240			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0926				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Aromatic	13.34	8.1	J

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-8-VD-S (2.5-3.0)**

Lab Sample ID: 460-30837-25 Date Sampled: 09/09/2011 1020
Client Matrix: Solid % Moisture: 3.7 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86290	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12756.d
Dilution:	1.0			Initial Weight/Volume:	5.43 g
Analysis Date:	09/16/2011 0304			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0927				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.96	U	0.61	0.96
Bromomethane		0.96	U	0.39	0.96
Vinyl chloride		0.96	U	0.22	0.96
Chloroethane		0.96	U	0.38	0.96
Methylene Chloride		3.7	B	0.45	0.96
Acetone		39	B	3.5	9.6
Carbon disulfide		0.96	U	0.44	0.96
Trichlorofluoromethane		0.96	U	0.25	0.96
1,1-Dichloroethene		0.96	U	0.35	0.96
1,1-Dichloroethane		0.96	U	0.24	0.96
trans-1,2-Dichloroethene		0.96	U	0.27	0.96
cis-1,2-Dichloroethene		0.96	U	0.23	0.96
Chloroform		0.96	U	0.23	0.96
2-Butanone		9.6	U	0.54	9.6
1,2-Dichloroethane		0.96	U	0.37	0.96
1,1,1-Trichloroethane		0.96	U	0.18	0.96
Carbon tetrachloride		0.96	U	0.097	0.96
Benzene		0.96	U	0.71	0.96
Bromoform		0.96	U	0.67	0.96
Styrene		0.96	U	0.33	0.96
Ethylbenzene		0.96	U	0.18	0.96
Chlorobenzene		0.96	U	0.46	0.96
Cyclohexane		0.96	U *	0.21	0.96
Isopropylbenzene		0.96	U	0.25	0.96
2-Hexanone		9.6	U	1.6	9.6
MTBE		0.96	U	0.33	0.96
Freon TF		0.96	U	0.46	0.96
Methyl acetate		0.96	U	0.86	0.96
1,4-Dioxane		48	U	4.0	48
Trichloroethene		0.96	U	0.35	0.96
Toluene		0.96	U	0.29	0.96
trans-1,3-Dichloropropene		0.96	U	0.21	0.96
4-Methyl-2-pentanone		9.6	U	0.68	9.6
cis-1,3-Dichloropropene		0.96	U	0.19	0.96
1,2-Dichlorobenzene		0.96	U	0.61	0.96
1,3-Dichlorobenzene		0.96	U	0.46	0.96
1,4-Dichlorobenzene		0.96	U	0.68	0.96
1,2,4-Trichlorobenzene		0.96	U	0.51	0.96
1,2,3-Trichlorobenzene		0.96	U	0.62	0.96
1,2-Dichloropropane		0.96	U	0.30	0.96
Methylcyclohexane		0.96	U	0.26	0.96
Tetrachloroethene		0.96	U	0.32	0.96
Xylenes, Total		2.9	U	0.75	2.9
1,2-Dibromo-3-Chloropropane		0.96	U	0.58	0.96
1,1,2,2-Tetrachloroethane		0.96	U	0.73	0.96
1,1,2-Trichloroethane		0.96	U	0.57	0.96

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-8-VD-S (2.5-3.0)**

Lab Sample ID: 460-30837-25 Date Sampled: 09/09/2011 1020
Client Matrix: Solid % Moisture: 3.7 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86290	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12756.d
Dilution:	1.0			Initial Weight/Volume:	5.43 g
Analysis Date:	09/16/2011 0304			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0927				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.96	U	0.54	0.96
1,2-Dibromoethane		0.96	U	0.50	0.96
Dichlorodifluoromethane		0.96	U	0.39	0.96
Bromochloromethane		0.96	U	0.26	0.96
Bromodichloromethane		0.96	U	0.29	0.96

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	111		70 - 138
Toluene-d8 (Surr)	93		66 - 126
Bromofluorobenzene	97		72 - 132

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-8-VD-S (2.5-3.0)**

Lab Sample ID: 460-30837-25 Date Sampled: 09/09/2011 1020
Client Matrix: Solid % Moisture: 3.7 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86290	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12756.d
Dilution:	1.0			Initial Weight/Volume:	5.43 g
Analysis Date:	09/16/2011 0304			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0927				

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: 460-30837-1

Client Sample ID: **PMP-8-WT-S (7.0-7.5)**

Lab Sample ID: 460-30837-26 Date Sampled: 09/09/2011 1025
Client Matrix: Solid % Moisture: 12.3 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86290	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12757.d
Dilution:	1.0			Initial Weight/Volume:	6.03 g
Analysis Date:	09/16/2011 0328			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0927				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.95	U	0.60	0.95
Bromomethane		0.95	U	0.39	0.95
Vinyl chloride		0.95	U	0.22	0.95
Chloroethane		0.95	U	0.38	0.95
Methylene Chloride		3.8	B	0.45	0.95
Acetone		28	B	3.5	9.5
Carbon disulfide		0.95	U	0.44	0.95
Trichlorofluoromethane		0.95	U	0.25	0.95
1,1-Dichloroethene		0.95	U	0.35	0.95
1,1-Dichloroethane		0.95	U	0.24	0.95
trans-1,2-Dichloroethene		0.95	U	0.27	0.95
cis-1,2-Dichloroethene		0.95	U	0.22	0.95
Chloroform		0.95	U	0.22	0.95
2-Butanone		9.5	U	0.54	9.5
1,2-Dichloroethane		0.95	U	0.37	0.95
1,1,1-Trichloroethane		0.95	U	0.18	0.95
Carbon tetrachloride		0.95	U	0.096	0.95
Benzene		0.95	U	0.70	0.95
Bromoform		0.95	U	0.66	0.95
Styrene		0.95	U	0.33	0.95
Ethylbenzene		0.95	U	0.18	0.95
Chlorobenzene		0.95	U	0.46	0.95
Cyclohexane		0.95	U *	0.21	0.95
Isopropylbenzene		0.95	U	0.25	0.95
2-Hexanone		9.5	U	1.6	9.5
MTBE		0.95	U	0.33	0.95
Freon TF		0.95	U	0.45	0.95
Methyl acetate		0.95	U	0.85	0.95
1,4-Dioxane		47	U	3.9	47
Trichloroethene		0.95	U	0.34	0.95
Toluene		0.30	J	0.28	0.95
trans-1,3-Dichloropropene		0.95	U	0.21	0.95
4-Methyl-2-pentanone		9.5	U	0.68	9.5
cis-1,3-Dichloropropene		0.95	U	0.19	0.95
1,2-Dichlorobenzene		0.95	U	0.60	0.95
1,3-Dichlorobenzene		0.95	U	0.46	0.95
1,4-Dichlorobenzene		0.95	U	0.67	0.95
1,2,4-Trichlorobenzene		0.95	U	0.51	0.95
1,2,3-Trichlorobenzene		0.95	U	0.61	0.95
1,2-Dichloropropane		0.95	U	0.30	0.95
Methylcyclohexane		0.95	U	0.26	0.95
Tetrachloroethene		0.95	U	0.31	0.95
Xylenes, Total		2.8	U	0.74	2.8
1,2-Dibromo-3-Chloropropane		0.95	U	0.58	0.95
1,1,2,2-Tetrachloroethane		0.95	U	0.72	0.95
1,1,2-Trichloroethane		0.95	U	0.56	0.95

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-8-WT-S (7.0-7.5)**

Lab Sample ID: 460-30837-26 Date Sampled: 09/09/2011 1025
Client Matrix: Solid % Moisture: 12.3 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86290	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12757.d
Dilution:	1.0			Initial Weight/Volume:	6.03 g
Analysis Date:	09/16/2011 0328			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0927				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.95	U	0.53	0.95
1,2-Dibromoethane		0.95	U	0.49	0.95
Dichlorodifluoromethane		0.95	U	0.39	0.95
Bromochloromethane		0.95	U	0.26	0.95
Bromodichloromethane		0.95	U	0.29	0.95

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		70 - 138
Toluene-d8 (Surr)	97		66 - 126
Bromofluorobenzene	93		72 - 132

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-8-WT-S (7.0-7.5)**

Lab Sample ID: 460-30837-26 Date Sampled: 09/09/2011 1025
Client Matrix: Solid % Moisture: 12.3 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86290	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12757.d
Dilution:	1.0			Initial Weight/Volume:	6.03 g
Analysis Date:	09/16/2011 0328			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0927				

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: 460-30837-1

Client Sample ID: **PMP-4-VS-S (0.5-1.0)**

Lab Sample ID: 460-30837-27 Date Sampled: 09/09/2011 1030
Client Matrix: Solid % Moisture: 7.9 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86306	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12776.d
Dilution:	1.0			Initial Weight/Volume:	6.26 g
Analysis Date:	09/16/2011 1134			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0928				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.87	U	0.55	0.87
Bromomethane		0.87	U	0.35	0.87
Vinyl chloride		0.87	U	0.20	0.87
Chloroethane		0.87	U	0.35	0.87
Methylene Chloride		4.5	B	0.41	0.87
Acetone		12	B	3.2	8.7
Carbon disulfide		0.87	U	0.40	0.87
Trichlorofluoromethane		0.87	U	0.23	0.87
1,1-Dichloroethene		0.87	U	0.32	0.87
1,1-Dichloroethane		0.87	U	0.22	0.87
trans-1,2-Dichloroethene		0.87	U	0.25	0.87
cis-1,2-Dichloroethene		0.87	U	0.20	0.87
Chloroform		0.87	U	0.21	0.87
2-Butanone		8.7	U	0.49	8.7
1,2-Dichloroethane		0.87	U	0.34	0.87
1,1,1-Trichloroethane		0.87	U	0.16	0.87
Carbon tetrachloride		0.87	U	0.088	0.87
Benzene		0.87	U	0.64	0.87
Bromoform		0.87	U	0.61	0.87
Styrene		0.87	U	0.30	0.87
Ethylbenzene		0.35	J	0.17	0.87
Chlorobenzene		0.87	U	0.42	0.87
Cyclohexane		0.87	U	0.19	0.87
Isopropylbenzene		0.87	U	0.22	0.87
2-Hexanone		8.7	U	1.5	8.7
MTBE		0.87	U	0.30	0.87
Freon TF		0.87	U	0.41	0.87
Methyl acetate		0.87	U	0.78	0.87
1,4-Dioxane		43	U	3.6	43
Trichloroethene		1.2		0.31	0.87
Toluene		0.56	J	0.26	0.87
trans-1,3-Dichloropropene		0.87	U	0.19	0.87
4-Methyl-2-pentanone		8.7	U	0.62	8.7
cis-1,3-Dichloropropene		0.87	U	0.17	0.87
1,2-Dichlorobenzene		0.78	J	0.55	0.87
1,3-Dichlorobenzene		0.87	U	0.42	0.87
1,4-Dichlorobenzene		0.74	J	0.62	0.87
1,2,4-Trichlorobenzene		6.0		0.46	0.87
1,2,3-Trichlorobenzene		4.3		0.56	0.87
1,2-Dichloropropane		0.87	U	0.28	0.87
Methylcyclohexane		0.87	U	0.24	0.87
Tetrachloroethene		0.94		0.29	0.87
Xylenes, Total		0.80	J	0.68	2.6
1,2-Dibromo-3-Chloropropane		0.87	U	0.53	0.87
1,1,2,2-Tetrachloroethane		0.87	U	0.66	0.87
1,1,2-Trichloroethane		0.87	U	0.51	0.87

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-4-VS-S (0.5-1.0)**

Lab Sample ID: 460-30837-27 Date Sampled: 09/09/2011 1030
Client Matrix: Solid % Moisture: 7.9 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86306	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12776.d
Dilution:	1.0			Initial Weight/Volume:	6.26 g
Analysis Date:	09/16/2011 1134			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0928				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.87	U	0.49	0.87
1,2-Dibromoethane		0.87	U	0.45	0.87
Dichlorodifluoromethane		0.87	U	0.35	0.87
Bromochloromethane		0.87	U	0.24	0.87
Bromodichloromethane		0.87	U	0.26	0.87

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		70 - 138
Toluene-d8 (Surr)	95		66 - 126
Bromofluorobenzene	103		72 - 132

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-4-VS-S (0.5-1.0)**

Lab Sample ID: 460-30837-27 Date Sampled: 09/09/2011 1030
Client Matrix: Solid % Moisture: 7.9 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86306	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12776.d
Dilution:	1.0			Initial Weight/Volume:	6.26 g
Analysis Date:	09/16/2011 1134			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0928				

Tentatively Identified Compounds **Number TIC's Found:** **4**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown	12.73	11	J
	Tetrachlorobenzene isomer	13.33	28	J
	Unknown-1	13.56	6.7	J
	Unknown-2	13.74	7.9	J

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-4-VD-S (2.5-3.0)**

Lab Sample ID: 460-30837-28 Date Sampled: 09/09/2011 1035
Client Matrix: Solid % Moisture: 4.0 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86306	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12780.d
Dilution:	1.0			Initial Weight/Volume:	5.64 g
Analysis Date:	09/16/2011 1310			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0928				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.92	U	0.59	0.92
Bromomethane		0.92	U	0.38	0.92
Vinyl chloride		0.92	U	0.22	0.92
Chloroethane		0.92	U	0.37	0.92
Methylene Chloride		3.6	B	0.43	0.92
Acetone		32	B	3.4	9.2
Carbon disulfide		0.92	U	0.43	0.92
Trichlorofluoromethane		0.92	U	0.24	0.92
1,1-Dichloroethene		0.92	U	0.34	0.92
1,1-Dichloroethane		0.92	U	0.23	0.92
trans-1,2-Dichloroethene		0.92	U	0.26	0.92
cis-1,2-Dichloroethene		0.92	U	0.22	0.92
Chloroform		0.92	U	0.22	0.92
2-Butanone		9.2	U	0.53	9.2
1,2-Dichloroethane		0.92	U	0.36	0.92
1,1,1-Trichloroethane		0.92	U	0.17	0.92
Carbon tetrachloride		0.92	U	0.093	0.92
Benzene		0.92	U	0.68	0.92
Bromoform		0.92	U	0.65	0.92
Styrene		0.92	U	0.32	0.92
Ethylbenzene		0.92	U	0.18	0.92
Chlorobenzene		0.92	U	0.45	0.92
Cyclohexane		0.92	U	0.21	0.92
Isopropylbenzene		0.92	U	0.24	0.92
2-Hexanone		9.2	U	1.5	9.2
MTBE		0.92	U	0.32	0.92
Freon TF		0.92	U	0.44	0.92
Methyl acetate		0.92	U	0.83	0.92
1,4-Dioxane		46	U	3.8	46
Trichloroethene		0.92	U	0.34	0.92
Toluene		0.35	J	0.28	0.92
trans-1,3-Dichloropropene		0.92	U	0.20	0.92
4-Methyl-2-pentanone		9.2	U	0.66	9.2
cis-1,3-Dichloropropene		0.92	U	0.19	0.92
1,2-Dichlorobenzene		0.92	U	0.59	0.92
1,3-Dichlorobenzene		0.92	U	0.45	0.92
1,4-Dichlorobenzene		0.92	U	0.66	0.92
1,2,4-Trichlorobenzene		0.92	U	0.49	0.92
1,2,3-Trichlorobenzene		0.92	U	0.60	0.92
1,2-Dichloropropane		0.92	U	0.29	0.92
Methylcyclohexane		0.92	U	0.25	0.92
Tetrachloroethene		0.92	U	0.30	0.92
Xylenes, Total		2.8	U	0.73	2.8
1,2-Dibromo-3-Chloropropane		0.92	U	0.56	0.92
1,1,2,2-Tetrachloroethane		0.92	U	0.70	0.92
1,1,2-Trichloroethane		0.92	U	0.55	0.92

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-4-VD-S (2.5-3.0)**

Lab Sample ID: 460-30837-28 Date Sampled: 09/09/2011 1035
Client Matrix: Solid % Moisture: 4.0 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86306	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12780.d
Dilution:	1.0			Initial Weight/Volume:	5.64 g
Analysis Date:	09/16/2011 1310			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0928				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.92	U	0.52	0.92
1,2-Dibromoethane		0.92	U	0.48	0.92
Dichlorodifluoromethane		0.92	U	0.38	0.92
Bromochloromethane		0.92	U	0.25	0.92
Bromodichloromethane		0.92	U	0.28	0.92

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		70 - 138
Toluene-d8 (Surr)	97		66 - 126
Bromofluorobenzene	95		72 - 132

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-4-VD-S (2.5-3.0)**

Lab Sample ID: 460-30837-28 Date Sampled: 09/09/2011 1035
Client Matrix: Solid % Moisture: 4.0 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86306	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12780.d
Dilution:	1.0			Initial Weight/Volume:	5.64 g
Analysis Date:	09/16/2011 1310			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0928				

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: 460-30837-1

Client Sample ID: **PMP-4-WT-S (7.0-7.5)**

Lab Sample ID: 460-30837-29 Date Sampled: 09/09/2011 1040
Client Matrix: Solid % Moisture: 12.9 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86306	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12781.d
Dilution:	1.0			Initial Weight/Volume:	10.62 g
Analysis Date:	09/16/2011 1334			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0929				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.54	U	0.34	0.54
Bromomethane		0.54	U	0.22	0.54
Vinyl chloride		0.54	U	0.13	0.54
Chloroethane		0.54	U	0.22	0.54
Methylene Chloride		1.1	B	0.25	0.54
Acetone		8.8	B	2.0	5.4
Carbon disulfide		0.54	U	0.25	0.54
Trichlorofluoromethane		0.54	U	0.14	0.54
1,1-Dichloroethene		0.54	U	0.20	0.54
1,1-Dichloroethane		0.54	U	0.14	0.54
trans-1,2-Dichloroethene		0.54	U	0.15	0.54
cis-1,2-Dichloroethene		0.54	U	0.13	0.54
Chloroform		0.54	U	0.13	0.54
2-Butanone		5.4	U	0.31	5.4
1,2-Dichloroethane		0.54	U	0.21	0.54
1,1,1-Trichloroethane		0.54	U	0.10	0.54
Carbon tetrachloride		0.54	U	0.055	0.54
Benzene		0.54	U	0.40	0.54
Bromoform		0.54	U	0.38	0.54
Styrene		0.54	U	0.19	0.54
Ethylbenzene		0.54	U	0.10	0.54
Chlorobenzene		0.54	U	0.26	0.54
Cyclohexane		0.54	U	0.12	0.54
Isopropylbenzene		0.54	U	0.14	0.54
2-Hexanone		5.4	U	0.90	5.4
MTBE		0.54	U	0.19	0.54
Freon TF		0.54	U	0.26	0.54
Methyl acetate		0.54	U	0.48	0.54
1,4-Dioxane		27	U	2.2	27
Trichloroethene		0.54	U	0.20	0.54
Toluene		0.54	U	0.16	0.54
trans-1,3-Dichloropropene		0.54	U	0.12	0.54
4-Methyl-2-pentanone		5.4	U	0.39	5.4
cis-1,3-Dichloropropene		0.54	U	0.11	0.54
1,2-Dichlorobenzene		0.54	U	0.34	0.54
1,3-Dichlorobenzene		0.54	U	0.26	0.54
1,4-Dichlorobenzene		0.54	U	0.38	0.54
1,2,4-Trichlorobenzene		0.54	U	0.29	0.54
1,2,3-Trichlorobenzene		0.54	U	0.35	0.54
1,2-Dichloropropane		0.54	U	0.17	0.54
Methylcyclohexane		0.54	U	0.15	0.54
Tetrachloroethene		0.54	U	0.18	0.54
Xylenes, Total		1.6	U	0.42	1.6
1,2-Dibromo-3-Chloropropane		0.54	U	0.33	0.54
1,1,2,2-Tetrachloroethane		0.54	U	0.41	0.54
1,1,2-Trichloroethane		0.54	U	0.32	0.54

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-4-WT-S (7.0-7.5)**

Lab Sample ID: 460-30837-29 Date Sampled: 09/09/2011 1040
Client Matrix: Solid % Moisture: 12.9 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86306	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12781.d
Dilution:	1.0			Initial Weight/Volume:	10.62 g
Analysis Date:	09/16/2011 1334			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0929				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.54	U	0.30	0.54
1,2-Dibromoethane		0.54	U	0.28	0.54
Dichlorodifluoromethane		0.54	U	0.22	0.54
Bromochloromethane		0.54	U	0.15	0.54
Bromodichloromethane		0.54	U	0.16	0.54

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		70 - 138
Toluene-d8 (Surr)	96		66 - 126
Bromofluorobenzene	95		72 - 132

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-4-WT-S (7.0-7.5)**

Lab Sample ID: 460-30837-29 Date Sampled: 09/09/2011 1040
Client Matrix: Solid % Moisture: 12.9 Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86306	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12781.d
Dilution:	1.0			Initial Weight/Volume:	10.62 g
Analysis Date:	09/16/2011 1334			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0929				

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: 460-30837-1

Client Sample ID: **FB_090811**

Lab Sample ID: 460-30837-30FB Date Sampled: 09/08/2011 1400
Client Matrix: Water Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-85734	Instrument ID:	VOAMS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	a67854.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/12/2011 1411			Final Weight/Volume:	5 mL
Prep Date:	09/12/2011 1411				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
Chloroform	1.0	U	0.15	1.0
2-Butanone	10	U	0.82	10
1,2-Dichloroethane	1.0	U	0.24	1.0
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Benzene	1.0	U	0.13	1.0
Bromoform	1.0	U	0.10	1.0
Styrene	1.0	U	0.13	1.0
Ethylbenzene	1.0	U	0.25	1.0
Chlorobenzene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.13	1.0
Isopropylbenzene	1.0	U	0.21	1.0
2-Hexanone	10	U	0.55	10
MTBE	1.0	U	0.18	1.0
Freon TF	1.0	U	0.28	1.0
Methyl acetate	2.0	U	0.33	2.0
1,4-Dioxane	50	U	8.4	50
Trichloroethene	1.0	U	0.18	1.0
Toluene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
4-Methyl-2-pentanone	10	U	0.68	10
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0
1,2,3-Trichlorobenzene	1.0	U	0.83	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Tetrachloroethene	1.0	U	0.20	1.0
Xylenes, Total	3.0	U	0.43	3.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **FB_090811**

Lab Sample ID: 460-30837-30FB Date Sampled: 09/08/2011 1400
Client Matrix: Water Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-85734	Instrument ID:	VOAMS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	a67854.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/12/2011 1411			Final Weight/Volume:	5 mL
Prep Date:	09/12/2011 1411				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dibromochloromethane	1.0	U	0.11	1.0
1,2-Dibromoethane	1.0	U	0.090	1.0
Dichlorodifluoromethane	1.0	U	0.29	1.0
Bromochloromethane	1.0	U	0.17	1.0
Bromodichloromethane	1.0	U	0.093	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	85		70 - 122
Toluene-d8 (Surr)	96		69 - 125
Bromofluorobenzene	91		69 - 135

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **FB_090811**

Lab Sample ID: 460-30837-30FB Date Sampled: 09/08/2011 1400
Client Matrix: Water Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-85734	Instrument ID:	VOAMS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	a67854.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/12/2011 1411			Final Weight/Volume:	5 mL
Prep Date:	09/12/2011 1411				

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: 460-30837-1

Client Sample ID: **FB_090911**

Lab Sample ID: 460-30837-31 Date Sampled: 09/09/2011 0745
Client Matrix: Water Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-85734	Instrument ID:	VOAMS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	a67855.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/12/2011 1430			Final Weight/Volume:	5 mL
Prep Date:	09/12/2011 1430				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
Chloroform	1.0	U	0.15	1.0
2-Butanone	10	U	0.82	10
1,2-Dichloroethane	1.0	U	0.24	1.0
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Benzene	1.0	U	0.13	1.0
Bromoform	1.0	U	0.10	1.0
Styrene	1.0	U	0.13	1.0
Ethylbenzene	1.0	U	0.25	1.0
Chlorobenzene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.13	1.0
Isopropylbenzene	1.0	U	0.21	1.0
2-Hexanone	10	U	0.55	10
MTBE	1.0	U	0.18	1.0
Freon TF	1.0	U	0.28	1.0
Methyl acetate	2.0	U	0.33	2.0
1,4-Dioxane	50	U	8.4	50
Trichloroethene	1.0	U	0.18	1.0
Toluene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
4-Methyl-2-pentanone	10	U	0.68	10
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0
1,2,3-Trichlorobenzene	1.0	U	0.83	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Tetrachloroethene	1.0	U	0.20	1.0
Xylenes, Total	3.0	U	0.43	3.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **FB_090911**

Lab Sample ID: 460-30837-31 Date Sampled: 09/09/2011 0745
Client Matrix: Water Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-85734	Instrument ID:	VOAMS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	a67855.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/12/2011 1430			Final Weight/Volume:	5 mL
Prep Date:	09/12/2011 1430				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dibromochloromethane	1.0	U	0.11	1.0
1,2-Dibromoethane	1.0	U	0.090	1.0
Dichlorodifluoromethane	1.0	U	0.29	1.0
Bromochloromethane	1.0	U	0.17	1.0
Bromodichloromethane	1.0	U	0.093	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	86		70 - 122
Toluene-d8 (Surr)	96		69 - 125
Bromofluorobenzene	91		69 - 135

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **FB_090911**

Lab Sample ID: 460-30837-31 Date Sampled: 09/09/2011 0745
Client Matrix: Water Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-85734	Instrument ID:	VOAMS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	a67855.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/12/2011 1430			Final Weight/Volume:	5 mL
Prep Date:	09/12/2011 1430				

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: 460-30837-1

Client Sample ID: **TB_090911**

Lab Sample ID: 460-30837-32TB Date Sampled: 09/09/2011 0000
Client Matrix: Solid Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86306	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12779.d
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	09/16/2011 1246			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0929				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		1.0	U	0.63	1.0
Bromomethane		1.0	U	0.41	1.0
Vinyl chloride		1.0	U	0.23	1.0
Chloroethane		1.0	U	0.40	1.0
Methylene Chloride		0.59	J B	0.47	1.0
Acetone		57	B	3.7	10
Carbon disulfide		1.0	U	0.47	1.0
Trichlorofluoromethane		1.0	U	0.26	1.0
1,1-Dichloroethene		1.0	U	0.37	1.0
1,1-Dichloroethane		1.0	U	0.25	1.0
trans-1,2-Dichloroethene		1.0	U	0.28	1.0
cis-1,2-Dichloroethene		1.0	U	0.24	1.0
Chloroform		1.0	U	0.24	1.0
2-Butanone		10	U	0.57	10
1,2-Dichloroethane		1.0	U	0.39	1.0
1,1,1-Trichloroethane		1.0	U	0.19	1.0
Carbon tetrachloride		1.0	U	0.10	1.0
Benzene		1.0	U	0.74	1.0
Bromoform		1.0	U	0.70	1.0
Styrene		1.0	U	0.35	1.0
Ethylbenzene		0.21	J	0.19	1.0
Chlorobenzene		1.0	U	0.48	1.0
Cyclohexane		1.0	U	0.22	1.0
Isopropylbenzene		1.0	U	0.26	1.0
2-Hexanone		10	U	1.7	10
MTBE		1.0	U	0.34	1.0
Freon TF		1.0	U	0.48	1.0
Methyl acetate		1.0	U	0.90	1.0
1,4-Dioxane		50	U	4.2	50
Trichloroethene		1.0	U	0.36	1.0
Toluene		1.6		0.30	1.0
trans-1,3-Dichloropropene		1.0	U	0.22	1.0
4-Methyl-2-pentanone		10	U	0.72	10
cis-1,3-Dichloropropene		1.0	U	0.20	1.0
1,2-Dichlorobenzene		1.0	U	0.64	1.0
1,3-Dichlorobenzene		1.0	U	0.49	1.0
1,4-Dichlorobenzene		1.0	U	0.71	1.0
1,2,4-Trichlorobenzene		1.0	U	0.54	1.0
1,2,3-Trichlorobenzene		1.0	U	0.65	1.0
1,2-Dichloropropane		1.0	U	0.32	1.0
Methylcyclohexane		1.0	U	0.27	1.0
Tetrachloroethene		1.0	U	0.33	1.0
Xylenes, Total		0.84	J	0.79	3.0
1,2-Dibromo-3-Chloropropane		1.0	U	0.61	1.0
1,1,2,2-Tetrachloroethane		1.0	U	0.76	1.0
1,1,2-Trichloroethane		1.0	U	0.59	1.0

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **TB_090911**

Lab Sample ID: 460-30837-32TB Date Sampled: 09/09/2011 0000
Client Matrix: Solid Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86306	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12779.d
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	09/16/2011 1246			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0929				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		1.0	U	0.56	1.0
1,2-Dibromoethane		1.0	U	0.52	1.0
Dichlorodifluoromethane		1.0	U	0.41	1.0
Bromochloromethane		1.0	U	0.27	1.0
Bromodichloromethane		1.0	U	0.30	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100		70 - 138
Toluene-d8 (Surr)	101		66 - 126
Bromofluorobenzene	99		72 - 132

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **TB_090911**

Lab Sample ID: 460-30837-32TB Date Sampled: 09/09/2011 0000
Client Matrix: Solid Date Received: 09/09/2011 1410

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-86306	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-85680	Lab File ID:	d12779.d
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	09/16/2011 1246			Final Weight/Volume:	5 mL
Prep Date:	09/10/2011 0929				

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: 460-30837-1

Client Sample ID: **PMP-2-VD-S (3.5-4.0)**

Lab Sample ID: 460-30837-1 Date Sampled: 09/08/2011 1615
Client Matrix: Solid % Moisture: 6.1 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86671	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-86273	Lab File ID:	p19377.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/18/2011 0425			Final Weight/Volume:	1 mL
Prep Date:	09/16/2011 0735			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		350	U	43	350
2-Chlorophenol		350	U	47	350
2-Methylphenol		350	U	51	350
4-Methylphenol		350	U	58	350
Benzaldehyde		350	U	22	350
Acetophenone		350	U	52	350
Bis(2-chloroethyl)ether		35	U	7.3	35
2,2'-oxybis[1-chloropropane]		350	U	46	350
N-Nitrosodi-n-propylamine		35	U	4.7	35
Nitrobenzene		35	U	7.9	35
Hexachloroethane		35	U	5.9	35
Isophorone		350	U	40	350
2-Nitrophenol		350	U	58	350
2,4-Dimethylphenol		350	U	56	350
2,4-Dichlorophenol		350	U	56	350
Bis(2-chloroethoxy)methane		350	U	50	350
Naphthalene		350	U	52	350
4-Chloroaniline		350	U	44	350
Hexachlorobutadiene		71	U	14	71
Caprolactam		350	U	48	350
4-Chloro-3-methylphenol		350	U	59	350
2-Methylnaphthalene		350	U	51	350
Hexachlorobenzene		35	U	4.9	35
Hexachlorocyclopentadiene		350	U	100	350
2,4,6-Trichlorophenol		350	U	63	350
2,4,5-Trichlorophenol		350	U	68	350
Diphenyl		350	U	58	350
2-Chloronaphthalene		350	U	50	350
2-Nitroaniline		710	U	96	710
2,6-Dinitrotoluene		71	U	9.0	71
Dimethyl phthalate		350	U	48	350
Acenaphthylene		350	U	50	350
3-Nitroaniline		710	U	80	710
Acenaphthene		350	U	50	350
4-Nitrophenol		1100	U	91	1100
2,4-Dinitrophenol		1100	U	75	1100
Dibenzofuran		350	U	53	350
Diethyl phthalate		350	U	47	350
Fluorene		350	U	60	350
Fluoranthene		350	U	59	350
Di-n-butyl phthalate		350	U	54	350
2,4-Dinitrotoluene		71	U	10	71
4-Chlorophenyl phenyl ether		350	U	61	350
4-Nitroaniline		710	U	73	710
4,6-Dinitro-2-methylphenol		1100	U	170	1100
4-Bromophenyl phenyl ether		350	U	63	350

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-2-VD-S (3.5-4.0)**

Lab Sample ID: 460-30837-1 Date Sampled: 09/08/2011 1615
Client Matrix: Solid % Moisture: 6.1 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86671	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-86273	Lab File ID:	p19377.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/18/2011 0425			Final Weight/Volume:	1 mL
Prep Date:	09/16/2011 0735			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		350	U	66	350
Anthracene		350	U	62	350
Carbazole		350	U	56	350
Phenanthrene		350	U	61	350
Pentachlorophenol		1100	U	170	1100
Pyrene		350	U	61	350
Chrysene		350	U	51	350
Benzo[k]fluoranthene		35	U	4.9	35
Benzo[g,h,i]perylene		350	U	37	350
Benzo[b]fluoranthene		35	U	5.2	35
Benzo[a]pyrene		35	U	4.3	35
Benzo[a]anthracene		35	U	6.5	35
N-Nitrosodiphenylamine		350	U	57	350
Butyl benzyl phthalate		350	U	41	350
Bis(2-ethylhexyl) phthalate		350	U	47	350
Di-n-octyl phthalate		350	U	42	350
Indeno[1,2,3-cd]pyrene		35	U	5.6	35
Dibenz(a,h)anthracene		35	U	4.2	35
3,3'-Dichlorobenzidine		710	U	78	710
1,2,4,5-Tetrachlorobenzene		350	U	47	350
2,3,4,6-Tetrachlorophenol		350	U	71	350

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	91		38 - 105
Phenol-d5	77		41 - 118
Terphenyl-d14	81		16 - 151
2,4,6-Tribromophenol	72		10 - 120
2-Fluorophenol	80		37 - 125
2-Fluorobiphenyl	91		40 - 109

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-2-VD-S (3.5-4.0)**

Lab Sample ID: 460-30837-1 Date Sampled: 09/08/2011 1615
Client Matrix: Solid % Moisture: 6.1 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86671	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-86273	Lab File ID:	p19377.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/18/2011 0425			Final Weight/Volume:	1 mL
Prep Date:	09/16/2011 0735			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-1	6.31	2000	J
	Unknown Alkane-3	6.93	5600	J
	Unknown-1	7.02	1500	J
	Unknown Alkane-4	7.07	1300	J
	Unknown-2	7.13	1300	J
	Unknown-3	7.33	2300	J
	Unknown Alkane-5	7.39	4000	J
	Unknown Alkane-6	7.49	1500	J
	Unknown-4	7.54	2600	J
	Unknown Alkane-7	7.60	2800	J
	Unknown Alkane-8	7.92	1500	J
	Unknown-5	8.03	1600	J
	Unknown Alkane-9	8.09	2000	J
	Unknown Alkane-10	8.31	5700	J
	Unknown Alkane-11	8.58	7400	J
	Unknown Alkane-12	8.75	2100	J
	Unknown Alkane-13	8.79	1800	J
593-45-3	n-Octadecane	9.01	1700	
	Unknown Alkane-14	9.03	7600	J
	Unknown Alkane-15	9.60	2000	J

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-2-WT-S (8.0-8.5)**

Lab Sample ID: 460-30837-2 Date Sampled: 09/08/2011 1620
Client Matrix: Solid % Moisture: 12.5 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86818	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-86273	Lab File ID:	p19440.d
Dilution:	2.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/20/2011 1803			Final Weight/Volume:	1 mL
Prep Date:	09/16/2011 0735			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		750	U	92	750
2-Chlorophenol		750	U	100	750
2-Methylphenol		750	U	110	750
4-Methylphenol		750	U	120	750
Benzaldehyde		750	U	47	750
Acetophenone		750	U	110	750
Bis(2-chloroethyl)ether		75	U	16	75
2,2'-oxybis[1-chloropropane]		750	U	99	750
N-Nitrosodi-n-propylamine		75	U	10	75
Nitrobenzene		75	U	17	75
Hexachloroethane		75	U	13	75
Isophorone		750	U	87	750
2-Nitrophenol		750	U	120	750
2,4-Dimethylphenol		750	U	120	750
2,4-Dichlorophenol		750	U	120	750
Bis(2-chloroethoxy)methane		750	U	110	750
Naphthalene		3400		110	750
4-Chloroaniline		750	U	95	750
Hexachlorobutadiene		150	U	31	150
Caprolactam		750	U	100	750
4-Chloro-3-methylphenol		750	U	130	750
2-Methylnaphthalene		11000		110	750
Hexachlorobenzene		75	U	10	75
Hexachlorocyclopentadiene		750	U	220	750
2,4,6-Trichlorophenol		750	U	130	750
2,4,5-Trichlorophenol		750	U	150	750
Diphenyl		750	U	120	750
2-Chloronaphthalene		750	U	110	750
2-Nitroaniline		1500	U	210	1500
2,6-Dinitrotoluene		150	U	19	150
Dimethyl phthalate		750	U	100	750
Acenaphthylene		750	U	110	750
3-Nitroaniline		1500	U	170	1500
Acenaphthene		750	U	110	750
4-Nitrophenol		2300	U	190	2300
2,4-Dinitrophenol		2300	U	160	2300
Dibenzofuran		750	U	110	750
Diethyl phthalate		750	U	100	750
Fluorene		620	J	130	750
Fluoranthene		750	U	130	750
Di-n-butyl phthalate		750	U	120	750
2,4-Dinitrotoluene		150	U	22	150
4-Chlorophenyl phenyl ether		750	U	130	750
4-Nitroaniline		1500	U	160	1500
4,6-Dinitro-2-methylphenol		2300	U	360	2300
4-Bromophenyl phenyl ether		750	U	130	750

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-2-WT-S (8.0-8.5)**

Lab Sample ID: 460-30837-2 Date Sampled: 09/08/2011 1620
Client Matrix: Solid % Moisture: 12.5 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86818	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-86273	Lab File ID:	p19440.d
Dilution:	2.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/20/2011 1803			Final Weight/Volume:	1 mL
Prep Date:	09/16/2011 0735			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		750	U	140	750
Anthracene		750	U	130	750
Carbazole		750	U	120	750
Phenanthrene		1900		130	750
Pentachlorophenol		2300	U	370	2300
Pyrene		130	J	130	750
Chrysene		750	U	110	750
Benzo[k]fluoranthene		75	U	11	75
Benzo[g,h,i]perylene		750	U	80	750
Benzo[b]fluoranthene		75	U	11	75
Benzo[a]pyrene		75	U	9.3	75
Benzo[a]anthracene		75	U	14	75
N-Nitrosodiphenylamine		750	U	120	750
Butyl benzyl phthalate		750	U	88	750
Bis(2-ethylhexyl) phthalate		750	U	100	750
Di-n-octyl phthalate		750	U	90	750
Indeno[1,2,3-cd]pyrene		75	U	12	75
Dibenz(a,h)anthracene		75	U	9.1	75
3,3'-Dichlorobenzidine		1500	U	170	1500
1,2,4,5-Tetrachlorobenzene		750	U	100	750
2,3,4,6-Tetrachlorophenol		750	U	150	750

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	99		38 - 105
Phenol-d5	87		41 - 118
Terphenyl-d14	84		16 - 151
2,4,6-Tribromophenol	44		10 - 120
2-Fluorophenol	86		37 - 125
2-Fluorobiphenyl	74		40 - 109

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-2-WT-S (8.0-8.5)**

Lab Sample ID: 460-30837-2 Date Sampled: 09/08/2011 1620
Client Matrix: Solid % Moisture: 12.5 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86818	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-86273	Lab File ID:	p19440.d
Dilution:	2.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/20/2011 1803			Final Weight/Volume:	1 mL
Prep Date:	09/16/2011 0735			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
106-46-7	1,4-Dichlorobenzene	4.36	2500	
	Unknown Alkane-1	5.04	2600	J
	C10H12/C10H14 Aromatics	5.45	3300	J
	Unknown Alkane-2	5.76	4900	J
	Unknown Alkane-3	5.84	3400	J
	Unknown Alkane-4	6.23	6300	J
	Unknown Alkane-5	6.40	11000	J
90-12-0	1-Methylnaphthalene	6.56	7500	
	Unknown Cycloalkane	6.70	1500	J
	Unknown Alkane-6	6.98	5300	J
575-41-7	1,3-Dimethylnaphthalene	7.18	10000	
	Unknown Alkane-7	7.30	4300	J
	Trimethylnaphthalene isomer-2	7.73	1500	J
	Unknown Alkane-9	8.01	4600	J
	Unknown Alkane-10	8.22	2600	J
	Unknown Alkane-11	8.48	27000	J
	Unknown-5	8.49	26000	J
593-45-3	n-Octadecane	8.91	21000	E
	Unknown-6	8.94	17000	J
	Trichloro-1,1-biphenyl isomer	9.33	9900	J

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-2-SI-S (10.5-11.0)**

Lab Sample ID: 460-30837-3 Date Sampled: 09/08/2011 1625
Client Matrix: Solid % Moisture: 15.2 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86671	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-86273	Lab File ID:	p19379.d
Dilution:	2.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/18/2011 0517			Final Weight/Volume:	1 mL
Prep Date:	09/16/2011 0735			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		780	U	95	780
2-Chlorophenol		780	U	100	780
2-Methylphenol		780	U	110	780
4-Methylphenol		780	U	130	780
Benzaldehyde		780	U	49	780
Acetophenone		780	U	120	780
Bis(2-chloroethyl)ether		78	U	16	78
2,2'-oxybis[1-chloropropane]		780	U	100	780
N-Nitrosodi-n-propylamine		78	U	10	78
Nitrobenzene		78	U	17	78
Hexachloroethane		78	U	13	78
Isophorone		780	U	90	780
2-Nitrophenol		780	U	130	780
2,4-Dimethylphenol		780	U	120	780
2,4-Dichlorophenol		780	U	120	780
Bis(2-chloroethoxy)methane		780	U	110	780
Naphthalene		3700		110	780
4-Chloroaniline		780	U	98	780
Hexachlorobutadiene		160	U	32	160
Caprolactam		780	U	110	780
4-Chloro-3-methylphenol		780	U	130	780
2-Methylnaphthalene		15000		110	780
Hexachlorobenzene		78	U	11	78
Hexachlorocyclopentadiene		780	U	230	780
2,4,6-Trichlorophenol		780	U	140	780
2,4,5-Trichlorophenol		780	U	150	780
Diphenyl		720	J	130	780
2-Chloronaphthalene		780	U	110	780
2-Nitroaniline		1600	U	210	1600
2,6-Dinitrotoluene		160	U	20	160
Dimethyl phthalate		780	U	110	780
Acenaphthylene		780	U	110	780
3-Nitroaniline		1600	U	180	1600
Acenaphthene		830		110	780
4-Nitrophenol		2400	U	200	2400
2,4-Dinitrophenol		2400	U	170	2400
Dibenzofuran		780	U	120	780
Diethyl phthalate		780	U	100	780
Fluorene		780		130	780
Fluoranthene		780	U	130	780
Di-n-butyl phthalate		780	U	120	780
2,4-Dinitrotoluene		160	U	23	160
4-Chlorophenyl phenyl ether		780	U	130	780
4-Nitroaniline		1600	U	160	1600
4,6-Dinitro-2-methylphenol		2400	U	370	2400
4-Bromophenyl phenyl ether		780	U	140	780

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-2-SI-S (10.5-11.0)**

Lab Sample ID: 460-30837-3 Date Sampled: 09/08/2011 1625
Client Matrix: Solid % Moisture: 15.2 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86671	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-86273	Lab File ID:	p19379.d
Dilution:	2.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/18/2011 0517			Final Weight/Volume:	1 mL
Prep Date:	09/16/2011 0735			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		780	U	150	780
Anthracene		780	U	140	780
Carbazole		780	U	120	780
Phenanthrene		2300		140	780
Pentachlorophenol		2400	U	380	2400
Pyrene		780	U	130	780
Chrysene		780	U	110	780
Benzo[k]fluoranthene		78	U	11	78
Benzo[g,h,i]perylene		780	U	82	780
Benzo[b]fluoranthene		78	U	12	78
Benzo[a]pyrene		78	U	9.6	78
Benzo[a]anthracene		78	U	14	78
N-Nitrosodiphenylamine		780	U	130	780
Butyl benzyl phthalate		780	U	91	780
Bis(2-ethylhexyl) phthalate		780	U	100	780
Di-n-octyl phthalate		780	U	93	780
Indeno[1,2,3-cd]pyrene		78	U	12	78
Dibenz(a,h)anthracene		78	U	9.4	78
3,3'-Dichlorobenzidine		1600	U	170	1600
1,2,4,5-Tetrachlorobenzene		780	U	100	780
2,3,4,6-Tetrachlorophenol		780	U	160	780

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	97		38 - 105
Phenol-d5	76		41 - 118
Terphenyl-d14	75		16 - 151
2,4,6-Tribromophenol	62		10 - 120
2-Fluorophenol	86		37 - 125
2-Fluorobiphenyl	83		40 - 109

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-2-SI-S (10.5-11.0)**

Lab Sample ID: 460-30837-3 Date Sampled: 09/08/2011 1625
Client Matrix: Solid % Moisture: 15.2 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86671	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-86273	Lab File ID:	p19379.d
Dilution:	2.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/18/2011 0517			Final Weight/Volume:	1 mL
Prep Date:	09/16/2011 0735			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
124-18-5	n-Decane	4.31	5100	
	Unknown Alkane-1	5.15	6100	J
	Ethyldimethylbenzene isomer	5.56	4700	J
	Unknown Alkane-2	5.86	12000	J
	Unknown Alkane-4	6.32	8200	J
	Unknown Alkane-5	6.50	9000	J
90-12-0	1-Methylnaphthalene	6.67	8300	
	Unknown Alkane-6	7.08	9100	J
	Dimethylnaphthalene isomer	7.21	4700	J
575-41-7	1,3-Dimethylnaphthalene	7.28	13000	
	Unknown Alkane-7	7.40	13000	J
	Unknown Alkane-8	7.61	40000	J
	Trimethylnaphthalene isomer-1	7.83	12000	J
	Trimethylnaphthalene isomer-2	8.03	10000	J
	Unknown Alkane-9	8.09	20000	J
	Unknown Alkane-10	8.32	20000	J
	Unknown Alkane-11	8.58	37000	J
593-45-3	n-Octadecane	9.00	11000	
	Trichloro-1,1-biphenyl isomer-1	9.03	15000	J
	Trichloro-1,1-biphenyl isomer-2	9.42	12000	J

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-24-VS-S (1-3)**

Lab Sample ID: 460-30837-4 Date Sampled: 09/08/2011 1640
Client Matrix: Solid % Moisture: 6.7 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86671	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-86273	Lab File ID:	p19381.d
Dilution:	5.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/18/2011 0608			Final Weight/Volume:	1 mL
Prep Date:	09/16/2011 0735			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		1800	U	220	1800
2-Chlorophenol		1800	U	240	1800
2-Methylphenol		1800	U	250	1800
4-Methylphenol		1800	U	290	1800
Benzaldehyde		1800	U	110	1800
Acetophenone		1800	U	260	1800
Bis(2-chloroethyl)ether		180	U	37	180
2,2'-oxybis[1-chloropropane]		1800	U	230	1800
N-Nitrosodi-n-propylamine		180	U	23	180
Nitrobenzene		180	U	40	180
Hexachloroethane		180	U	30	180
Isophorone		1800	U	200	1800
2-Nitrophenol		1800	U	290	1800
2,4-Dimethylphenol		1800	U	280	1800
2,4-Dichlorophenol		1800	U	280	1800
Bis(2-chloroethoxy)methane		1800	U	250	1800
Naphthalene		1800	U	260	1800
4-Chloroaniline		1800	U	220	1800
Hexachlorobutadiene		360	U	72	360
Caprolactam		1800	U	240	1800
4-Chloro-3-methylphenol		1800	U	300	1800
2-Methylnaphthalene		4300		260	1800
Hexachlorobenzene		180	U	25	180
Hexachlorocyclopentadiene		1800	U	520	1800
2,4,6-Trichlorophenol		1800	U	320	1800
2,4,5-Trichlorophenol		1800	U	340	1800
Diphenyl		970	J	290	1800
2-Chloronaphthalene		1800	U	250	1800
2-Nitroaniline		3600	U	480	3600
2,6-Dinitrotoluene		360	U	45	360
Dimethyl phthalate		1800	U	240	1800
Acenaphthylene		1800	U	250	1800
3-Nitroaniline		3600	U	400	3600
Acenaphthene		370	J	250	1800
4-Nitrophenol		5400	U	460	5400
2,4-Dinitrophenol		5400	U	380	5400
Dibenzofuran		1800	U	270	1800
Diethyl phthalate		1800	U	240	1800
Fluorene		1800	U	300	1800
Fluoranthene		1800	U	290	1800
Di-n-butyl phthalate		1800	U	270	1800
2,4-Dinitrotoluene		360	U	52	360
4-Chlorophenyl phenyl ether		1800	U	300	1800
4-Nitroaniline		3600	U	370	3600
4,6-Dinitro-2-methylphenol		5400	U	850	5400
4-Bromophenyl phenyl ether		1800	U	320	1800

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-24-VS-S (1-3)**

Lab Sample ID: 460-30837-4 Date Sampled: 09/08/2011 1640
Client Matrix: Solid % Moisture: 6.7 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86671	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-86273	Lab File ID:	p19381.d
Dilution:	5.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/18/2011 0608			Final Weight/Volume:	1 mL
Prep Date:	09/16/2011 0735			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		1800	U	330	1800
Anthracene		1800	U	310	1800
Carbazole		1800	U	280	1800
Phenanthrene		520	J	310	1800
Pentachlorophenol		5400	U	870	5400
Pyrene		1800	U	310	1800
Chrysene		1800	U	260	1800
Benzo[k]fluoranthene		180	U	25	180
Benzo[g,h,i]perylene		1800	U	190	1800
Benzo[b]fluoranthene		180	U	26	180
Benzo[a]pyrene		180	U	22	180
Benzo[a]anthracene		180	U	33	180
N-Nitrosodiphenylamine		1800	U	290	1800
Butyl benzyl phthalate		1800	U	210	1800
Bis(2-ethylhexyl) phthalate		1800	U	240	1800
Di-n-octyl phthalate		1800	U	210	1800
Indeno[1,2,3-cd]pyrene		180	U	28	180
Dibenz(a,h)anthracene		180	U	21	180
3,3'-Dichlorobenzidine		3600	U	390	3600
1,2,4,5-Tetrachlorobenzene		1800	U	240	1800
2,3,4,6-Tetrachlorophenol		1800	U	350	1800

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	95		38 - 105
Phenol-d5	77		41 - 118
Terphenyl-d14	73		16 - 151
2,4,6-Tribromophenol	52		10 - 120
2-Fluorophenol	82		37 - 125
2-Fluorobiphenyl	91		40 - 109

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-24-VS-S (1-3)**

Lab Sample ID: 460-30837-4 Date Sampled: 09/08/2011 1640
Client Matrix: Solid % Moisture: 6.7 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86671	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-86273	Lab File ID:	p19381.d
Dilution:	5.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/18/2011 0608			Final Weight/Volume:	1 mL
Prep Date:	09/16/2011 0735			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-1	6.48	16000	J
	Unknown Alkane-2	7.07	23000	J
	Unknown Alkane-3	7.38	14000	J
	Unknown Alkane-4	7.60	25000	J
	Unknown Alkane-5	8.09	17000	J
	Dichloro-1,1-biphenyl isomer-1	8.28	26000	J
	Unknown Alkane-6	8.56	13000	J
	Dichloro-1,1-biphenyl isomer-2	8.67	49000	J
593-45-3	n-Octadecane	9.00	27000	
	Trichloro-1,1-biphenyl isomer-1	9.03	72000	J
	Trichloro-1,1-biphenyl isomer-2	9.19	30000	J
	Trichloro-1,1-biphenyl isomer-4	9.44	81000	J
	Trichloro-1,1-biphenyl isomer-5	9.51	33000	J
	Trichloro-1,1-biphenyl isomer-6	9.58	14000	J
	Tetrachloro-1,1-biphenyl isomer-1	9.71	15000	J
	Tetrachloro-1,1-biphenyl isomer-2	9.87	17000	J
	Tetrachloro-1,1-biphenyl isomer-3	9.97	12000	J
	Tetrachloro-1,1-biphenyl isomer-4	10.20	18000	J
	Pentachloro-1,1"-biphenyl isomer	10.22	19000	J
	Tetrachloro-1,1-biphenyl isomer-5	10.35	12000	J

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-24-VD-S (4.5-6.0)**

Lab Sample ID: 460-30837-5 Date Sampled: 09/08/2011 1645
Client Matrix: Solid % Moisture: 9.7 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86671	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-86273	Lab File ID:	p19382.d
Dilution:	5.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/18/2011 0634			Final Weight/Volume:	1 mL
Prep Date:	09/16/2011 0735			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		1800	U	220	1800
2-Chlorophenol		1800	U	240	1800
2-Methylphenol		1800	U	260	1800
4-Methylphenol		1800	U	300	1800
Benzaldehyde		1800	U	110	1800
Acetophenone		1800	U	270	1800
Bis(2-chloroethyl)ether		180	U	38	180
2,2'-oxybis[1-chloropropane]		1800	U	240	1800
N-Nitrosodi-n-propylamine		180	U	24	180
Nitrobenzene		180	U	41	180
Hexachloroethane		180	U	31	180
Isophorone		1800	U	210	1800
2-Nitrophenol		1800	U	300	1800
2,4-Dimethylphenol		1800	U	290	1800
2,4-Dichlorophenol		1800	U	290	1800
Bis(2-chloroethoxy)methane		1800	U	260	1800
Naphthalene		14000		270	1800
4-Chloroaniline		17000		230	1800
Hexachlorobutadiene		370	U	74	370
Caprolactam		1800	U	250	1800
4-Chloro-3-methylphenol		1800	U	310	1800
2-Methylnaphthalene		26000		270	1800
Hexachlorobenzene		180	U	25	180
Hexachlorocyclopentadiene		1800	U	540	1800
2,4,6-Trichlorophenol		1800	U	330	1800
2,4,5-Trichlorophenol		1800	U	350	1800
Diphenyl		3200		300	1800
2-Chloronaphthalene		1800	U	260	1800
2-Nitroaniline		3700	U	500	3700
2,6-Dinitrotoluene		370	U	47	370
Dimethyl phthalate		1800	U	250	1800
Acenaphthylene		1800	U	260	1800
3-Nitroaniline		3700	U	410	3700
Acenaphthene		990	J	260	1800
4-Nitrophenol		5500	U	470	5500
2,4-Dinitrophenol		5500	U	390	5500
Dibenzofuran		610	J	280	1800
Diethyl phthalate		1800	U	250	1800
Fluorene		770	J	310	1800
Fluoranthene		1800	U	300	1800
Di-n-butyl phthalate		1800	U	280	1800
2,4-Dinitrotoluene		370	U	53	370
4-Chlorophenyl phenyl ether		1800	U	310	1800
4-Nitroaniline		3700	U	380	3700
4,6-Dinitro-2-methylphenol		5500	U	880	5500
4-Bromophenyl phenyl ether		1800	U	330	1800

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-24-VD-S (4.5-6.0)**

Lab Sample ID: 460-30837-5 Date Sampled: 09/08/2011 1645
Client Matrix: Solid % Moisture: 9.7 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86671	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-86273	Lab File ID:	p19382.d
Dilution:	5.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/18/2011 0634			Final Weight/Volume:	1 mL
Prep Date:	09/16/2011 0735			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		1800	U	340	1800
Anthracene		1800	U	320	1800
Carbazole		1800	U	290	1800
Phenanthrene		2000		320	1800
Pentachlorophenol		5500	U	900	5500
Pyrene		1800	U	320	1800
Chrysene		1800	U	270	1800
Benzo[k]fluoranthene		180	U	26	180
Benzo[g,h,i]perylene		1800	U	190	1800
Benzo[b]fluoranthene		180	U	27	180
Benzo[a]pyrene		180	U	23	180
Benzo[a]anthracene		180	U	34	180
N-Nitrosodiphenylamine		1800	U	300	1800
Butyl benzyl phthalate		1800	U	210	1800
Bis(2-ethylhexyl) phthalate		730	J	240	1800
Di-n-octyl phthalate		1800	U	220	1800
Indeno[1,2,3-cd]pyrene		180	U	29	180
Dibenz(a,h)anthracene		180	U	22	180
3,3'-Dichlorobenzidine		3700	U	410	3700
1,2,4,5-Tetrachlorobenzene		1800	U	250	1800
2,3,4,6-Tetrachlorophenol		1800	U	370	1800

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	117	X	38 - 105
Phenol-d5	87		41 - 118
Terphenyl-d14	81		16 - 151
2,4,6-Tribromophenol	62		10 - 120
2-Fluorophenol	99		37 - 125
2-Fluorobiphenyl	88		40 - 109

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-24-VD-S (4.5-6.0)**

Lab Sample ID: 460-30837-5 Date Sampled: 09/08/2011 1645
Client Matrix: Solid % Moisture: 9.7 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86671	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-86273	Lab File ID:	p19382.d
Dilution:	5.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/18/2011 0634			Final Weight/Volume:	1 mL
Prep Date:	09/16/2011 0735			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Chloroaniline isomer	5.39	47000	J
120-82-1	1,2,4-Trichlorobenzene	5.77	17000	
	Unknown Alkane-1	5.86	32000	J
88-73-3	Benzene, 1-chloro-2-nitro-	6.23	200000	J N
	Unknown Alkane-2	6.50	34000	J
	Unknown Alkane-3	7.07	56000	J
	Unknown Alkane-4	7.60	24000	J
	Unknown Alkane-5	8.09	19000	J
	Dichloro-1,1-biphenyl isomer-1	8.28	23000	J
	Unknown Alkane-6	8.56	18000	J
	Dichloro-1,1-biphenyl isomer-2	8.68	44000	J
593-45-3	n-Octadecane	9.01	76000	E
	Trichloro-1,1-biphenyl isomer-1	9.05	62000	J
	Trichloro-1,1-biphenyl isomer-3	9.20	29000	J
	Trichloro-1,1-biphenyl isomer-4	9.45	76000	J
	Trichloro-1,1-biphenyl isomer-5	9.52	32000	J
	Tetrachloro-1,1-biphenyl isomer-1	9.72	17000	J
	Tetrachloro-1,1-biphenyl isomer-3	9.88	18000	J
	Tetrachloro-1,1-biphenyl isomer-4	10.20	22000	J
	Tetrachloro-1,1-biphenyl isomer-5	10.23	17000	J

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-24-WT-S (6.5-8.5)**

Lab Sample ID: 460-30837-6 Date Sampled: 09/08/2011 1655
Client Matrix: Solid % Moisture: 14.1 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86190	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-85882	Lab File ID:	u70104.d
Dilution:	5.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/14/2011 1833			Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 1015			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		1900	U	240	1900
2-Chlorophenol		1900	U	260	1900
2-Methylphenol		1900	U	280	1900
4-Methylphenol		1900	U	310	1900
Benzaldehyde		1900	U	120	1900
Acetophenone		1900	U	280	1900
Bis(2-chloroethyl)ether		190	U	40	190
2,2'-oxybis[1-chloropropane]		1900	U	250	1900
N-Nitrosodi-n-propylamine		190	U	25	190
Nitrobenzene		190	U	43	190
Hexachloroethane		190	U	32	190
Isophorone		1900	U	220	1900
2-Nitrophenol		1900	U	320	1900
2,4-Dimethylphenol		1900	U	310	1900
2,4-Dichlorophenol		1900	U	310	1900
Bis(2-chloroethoxy)methane		1900	U	270	1900
Naphthalene		1900	U	280	1900
4-Chloroaniline		1800	J	240	1900
Hexachlorobutadiene		390	U	78	390
Caprolactam		1900	U	260	1900
4-Chloro-3-methylphenol		1900	U	320	1900
2-Methylnaphthalene		1500	J	280	1900
Hexachlorobenzene		190	U	27	190
Hexachlorocyclopentadiene		1900	U	560	1900
2,4,6-Trichlorophenol		1900	U	340	1900
2,4,5-Trichlorophenol		1900	U	370	1900
Diphenyl		640	J	320	1900
2-Chloronaphthalene		1900	U	270	1900
2-Nitroaniline		3900	U	530	3900
2,6-Dinitrotoluene		390	U	49	390
Dimethyl phthalate		1900	U	260	1900
Acenaphthylene		1900	U	270	1900
3-Nitroaniline		3900	U	430	3900
Acenaphthene		1900	U	270	1900
4-Nitrophenol		5800	U	490	5800
2,4-Dinitrophenol		5800	U	410	5800
Dibenzofuran		1900	U	290	1900
Diethyl phthalate		1900	U	260	1900
Fluorene		1900	U	330	1900
Fluoranthene		1900	U	320	1900
Di-n-butyl phthalate		1900	U	290	1900
2,4-Dinitrotoluene		390	U	56	390
4-Chlorophenyl phenyl ether		1900	U	330	1900
4-Nitroaniline		3900	U	400	3900
4,6-Dinitro-2-methylphenol		5800	U	920	5800
4-Bromophenyl phenyl ether		1900	U	340	1900

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-24-WT-S (6.5-8.5)**

Lab Sample ID: 460-30837-6 Date Sampled: 09/08/2011 1655
Client Matrix: Solid % Moisture: 14.1 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86190	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-85882	Lab File ID:	u70104.d
Dilution:	5.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/14/2011 1833			Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 1015			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		1900	U	360	1900
Anthracene		1900	U	340	1900
Carbazole		1900	U	310	1900
Phenanthrene		830	J	330	1900
Pentachlorophenol		5800	U	940	5800
Pyrene		1900	U	330	1900
Chrysene		1900	U	280	1900
Benzo[k]fluoranthene		190	U	27	190
Benzo[g,h,i]perylene		1900	U	200	1900
Benzo[b]fluoranthene		190	U	29	190
Benzo[a]pyrene		190	U	24	190
Benzo[a]anthracene		190	U	36	190
N-Nitrosodiphenylamine		1900	U	310	1900
Butyl benzyl phthalate		1900	U	220	1900
Bis(2-ethylhexyl) phthalate		400	J	250	1900
Di-n-octyl phthalate		1900	U	230	1900
Indeno[1,2,3-cd]pyrene		190	U	31	190
Dibenz(a,h)anthracene		190	U	23	190
3,3'-Dichlorobenzidine		3900	U	420	3900
1,2,4,5-Tetrachlorobenzene		1900	U	260	1900
2,3,4,6-Tetrachlorophenol		1900	U	380	1900

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	67		38 - 105
Phenol-d5	73		41 - 118
Terphenyl-d14	59		16 - 151
2,4,6-Tribromophenol	52		10 - 120
2-Fluorophenol	64		37 - 125
2-Fluorobiphenyl	88		40 - 109

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-24-WT-S (6.5-8.5)**

Lab Sample ID: 460-30837-6 Date Sampled: 09/08/2011 1655
Client Matrix: Solid % Moisture: 14.1 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86190	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-85882	Lab File ID:	u70104.d
Dilution:	5.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/14/2011 1833			Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 1015			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Chloronitrobenzene isomer	5.45	34000	J
	Unknown Alkane-1	7.31	13000	J
	Dichloro-1,1-biphenyl isomer-1	7.48	18000	J
	Unknown Alkane-2	7.78	6100	J
	Dichloro-1,1-biphenyl isomer-3	7.89	10000	J
	Unknown Alkane-3	8.22	4800	J
	Dichloro-1,1-biphenyl isomer-4	8.31	5900	J
	Trichloro-1,1-biphenyl isomer-1	8.41	7700	J
	Trichloro-1,1-biphenyl isomer-3	8.64	8900	J
	Trichloro-1,1-biphenyl isomer-4	8.67	13000	J
	Trichloro-1,1-biphenyl isomer-5	8.73	9800	J
	Trichloro-1,1-biphenyl isomer-6	8.80	5000	J
	Tetrachloro-1,1-biphenyl isomer-1	8.92	6100	J
	Tetrachloro-1,1-biphenyl isomer-2	8.96	4300	J
	Tetrachloro-1,1-biphenyl isomer-3	9.08	6200	J
	Trichloro-1,1-biphenyl isomer-7	9.14	5900	J
	Tetrachloro-1,1-biphenyl isomer-7	9.41	8400	J
	Tetrachloro-1,1-biphenyl isomer-8	9.44	4900	J
	Tetrachloro-1,1-biphenyl isomer-9	9.55	5200	J
	Pentachloro-1,1"-biphenyl isomer	9.58	22000	J

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-24-SI-S (10.5-12.5)**

Lab Sample ID: 460-30837-7 Date Sampled: 09/08/2011 1705
Client Matrix: Solid % Moisture: 13.4 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86039	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-85882	Lab File ID:	u70085.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/14/2011 0805			Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 1015			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		380	U	47	380
2-Chlorophenol		380	U	51	380
2-Methylphenol		380	U	55	380
4-Methylphenol		380	U	63	380
Benzaldehyde		380	U	24	380
Acetophenone		380	U	57	380
Bis(2-chloroethyl)ether		38	U	8.0	38
2,2'-oxybis[1-chloropropane]		380	U	50	380
N-Nitrosodi-n-propylamine		38	U	5.0	38
Nitrobenzene		38	U	8.5	38
Hexachloroethane		38	U	6.4	38
Isophorone		380	U	44	380
2-Nitrophenol		380	U	63	380
2,4-Dimethylphenol		380	U	61	380
2,4-Dichlorophenol		380	U	61	380
Bis(2-chloroethoxy)methane		380	U	55	380
Naphthalene		380	U	56	380
4-Chloroaniline		130	J	48	380
Hexachlorobutadiene		77	U	15	77
Caprolactam		380	U	52	380
4-Chloro-3-methylphenol		380	U	64	380
2-Methylnaphthalene		91	J	56	380
Hexachlorobenzene		38	U	5.3	38
Hexachlorocyclopentadiene		380	U	110	380
2,4,6-Trichlorophenol		380	U	68	380
2,4,5-Trichlorophenol		380	U	74	380
Diphenyl		380	U	63	380
2-Chloronaphthalene		380	U	54	380
2-Nitroaniline		770	U	100	770
2,6-Dinitrotoluene		77	U	9.7	77
Dimethyl phthalate		380	U	52	380
Acenaphthylene		380	U	55	380
3-Nitroaniline		770	U	86	770
Acenaphthene		380	U	54	380
4-Nitrophenol		1200	U	98	1200
2,4-Dinitrophenol		1200	U	81	1200
Dibenzofuran		380	U	57	380
Diethyl phthalate		380	U	51	380
Fluorene		380	U	65	380
Fluoranthene		380	U	64	380
Di-n-butyl phthalate		380	U	58	380
2,4-Dinitrotoluene		77	U	11	77
4-Chlorophenyl phenyl ether		380	U	66	380
4-Nitroaniline		770	U	79	770
4,6-Dinitro-2-methylphenol		1200	U	180	1200
4-Bromophenyl phenyl ether		380	U	68	380

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-24-SI-S (10.5-12.5)**

Lab Sample ID: 460-30837-7 Date Sampled: 09/08/2011 1705
Client Matrix: Solid % Moisture: 13.4 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86039	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-85882	Lab File ID:	u70085.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/14/2011 0805			Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 1015			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		380	U	71	380
Anthracene		380	U	67	380
Carbazole		380	U	61	380
Phenanthrene		310	J	67	380
Pentachlorophenol		1200	U	190	1200
Pyrene		380	U	66	380
Chrysene		380	U	56	380
Benzo[k]fluoranthene		38	U	5.3	38
Benzo[g,h,i]perylene		380	U	40	380
Benzo[b]fluoranthene		38	U	5.7	38
Benzo[a]pyrene		38	U	4.7	38
Benzo[a]anthracene		38	U	7.1	38
N-Nitrosodiphenylamine		380	U	62	380
Butyl benzyl phthalate		380	U	45	380
Bis(2-ethylhexyl) phthalate		90	J	51	380
Di-n-octyl phthalate		380	U	45	380
Indeno[1,2,3-cd]pyrene		38	U	6.1	38
Dibenz(a,h)anthracene		38	U	4.6	38
3,3'-Dichlorobenzidine		770	U	85	770
1,2,4,5-Tetrachlorobenzene		380	U	51	380
2,3,4,6-Tetrachlorophenol		380	U	76	380

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	63		38 - 105
Phenol-d5	52		41 - 118
Terphenyl-d14	46		16 - 151
2,4,6-Tribromophenol	25		10 - 120
2-Fluorophenol	50		37 - 125
2-Fluorobiphenyl	70		40 - 109

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-24-SI-S (10.5-12.5)**

Lab Sample ID: 460-30837-7 Date Sampled: 09/08/2011 1705
Client Matrix: Solid % Moisture: 13.4 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86039	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-85882	Lab File ID:	u70085.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/14/2011 0805			Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 1015			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-2	6.87	6600	J
	Unknown Alkane-3	7.37	7300	J
	Unknown Alkane-4	7.57	3900	J
	Unknown Alkane-5	7.83	16000	J
	Dichloro-1,1-biphenyl isomer	7.93	4100	J
593-45-3	n-Octadecane	8.27	9600	E
	Trichloro-1,1-biphenyl isomer-1	8.29	8800	J
	Trichloro-1,1-biphenyl isomer-2	8.44	4300	J
	Trichloro-1,1-biphenyl isomer-3	8.69	11000	J
	Trichloro-1,1-biphenyl isomer-4	8.70	7900	J
	Trichloro-1,1-biphenyl isomer-5	8.77	5000	J
	Trichloro-1,1-biphenyl isomer-6	8.83	2900	J
	Tetrachloro-1,1-biphenyl isomer-1	8.96	2900	J
	Tetrachloro-1,1-biphenyl isomer-2	8.99	2000	J
	Unknown Alkane-6	9.08	3200	J
	Tetrachloro-1,1-biphenyl isomer-3	9.12	3000	J
	Tetrachloro-1,1-biphenyl isomer-4	9.22	2400	J
	Tetrachloro-1,1-biphenyl isomer-5	9.45	4900	J
	Tetrachloro-1,1-biphenyl isomer-6	9.47	3100	J
	Tetrachloro-1,1-biphenyl isomer-7	9.59	2900	J

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-22-VS-S (1.5-2.0)**

Lab Sample ID: 460-30837-8 Date Sampled: 09/08/2011 1725
Client Matrix: Solid % Moisture: 5.7 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86671	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-86273	Lab File ID:	p19380.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/18/2011 0542			Final Weight/Volume:	1 mL
Prep Date:	09/16/2011 0735			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		350	U	43	350
2-Chlorophenol		350	U	47	350
2-Methylphenol		350	U	50	350
4-Methylphenol		350	U	57	350
Benzaldehyde		350	U	22	350
Acetophenone		350	U	52	350
Bis(2-chloroethyl)ether		35	U	7.3	35
2,2'-oxybis[1-chloropropane]		350	U	46	350
N-Nitrosodi-n-propylamine		35	U	4.6	35
Nitrobenzene		35	U	7.8	35
Hexachloroethane		35	U	5.9	35
Isophorone		350	U	40	350
2-Nitrophenol		350	U	58	350
2,4-Dimethylphenol		350	U	56	350
2,4-Dichlorophenol		350	U	56	350
Bis(2-chloroethoxy)methane		350	U	50	350
Naphthalene		430		51	350
4-Chloroaniline		420		44	350
Hexachlorobutadiene		71	U	14	71
Caprolactam		350	U	48	350
4-Chloro-3-methylphenol		350	U	59	350
2-Methylnaphthalene		800		51	350
Hexachlorobenzene		35	U	4.9	35
Hexachlorocyclopentadiene		350	U	100	350
2,4,6-Trichlorophenol		350	U	63	350
2,4,5-Trichlorophenol		350	U	67	350
Diphenyl		110	J	58	350
2-Chloronaphthalene		350	U	49	350
2-Nitroaniline		710	U	96	710
2,6-Dinitrotoluene		71	U	8.9	71
Dimethyl phthalate		350	U	47	350
Acenaphthylene		350	U	50	350
3-Nitroaniline		710	U	79	710
Acenaphthene		350	U	50	350
4-Nitrophenol		1100	U	90	1100
2,4-Dinitrophenol		1100	U	74	1100
Dibenzofuran		350	U	53	350
Diethyl phthalate		350	U	47	350
Fluorene		350	U	59	350
Fluoranthene		350	U	58	350
Di-n-butyl phthalate		350	U	54	350
2,4-Dinitrotoluene		71	U	10	71
4-Chlorophenyl phenyl ether		350	U	60	350
4-Nitroaniline		710	U	72	710
4,6-Dinitro-2-methylphenol		1100	U	170	1100
4-Bromophenyl phenyl ether		350	U	62	350

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-22-VS-S (1.5-2.0)**

Lab Sample ID: 460-30837-8 Date Sampled: 09/08/2011 1725
Client Matrix: Solid % Moisture: 5.7 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86671	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-86273	Lab File ID:	p19380.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/18/2011 0542			Final Weight/Volume:	1 mL
Prep Date:	09/16/2011 0735			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		350	U	65	350
Anthracene		350	U	62	350
Carbazole		350	U	56	350
Phenanthrene		350	U	61	350
Pentachlorophenol		1100	U	170	1100
Pyrene		350	U	61	350
Chrysene		350	U	51	350
Benzo[k]fluoranthene		35	U	4.9	35
Benzo[g,h,i]perylene		350	U	37	350
Benzo[b]fluoranthene		35	U	5.2	35
Benzo[a]pyrene		35	U	4.3	35
Benzo[a]anthracene		35	U	6.5	35
N-Nitrosodiphenylamine		350	U	57	350
Butyl benzyl phthalate		350	U	41	350
Bis(2-ethylhexyl) phthalate		350	U	46	350
Di-n-octyl phthalate		350	U	42	350
Indeno[1,2,3-cd]pyrene		35	U	5.6	35
Dibenz(a,h)anthracene		35	U	4.2	35
3,3'-Dichlorobenzidine		710	U	77	710
1,2,4,5-Tetrachlorobenzene		350	U	47	350
2,3,4,6-Tetrachlorophenol		350	U	70	350

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	95		38 - 105
Phenol-d5	79		41 - 118
Terphenyl-d14	94		16 - 151
2,4,6-Tribromophenol	67		10 - 120
2-Fluorophenol	83		37 - 125
2-Fluorobiphenyl	98		40 - 109

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-22-VS-S (1.5-2.0)**

Lab Sample ID: 460-30837-8 Date Sampled: 09/08/2011 1725
Client Matrix: Solid % Moisture: 5.7 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86671	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-86273	Lab File ID:	p19380.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/18/2011 0542			Final Weight/Volume:	1 mL
Prep Date:	09/16/2011 0735			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Chloroaniline isomer	5.38	2100	J
88-73-3	Benzene, 1-chloro-2-nitro-	6.20	9800	J N
	Unknown Alkane-2	6.49	1800	J
	Unknown Alkane-3	7.06	3800	J
	Unknown Alkane-4	7.38	2200	J
	Unknown Alkane-5	7.59	3800	J
	Unknown Alkane-6	8.09	2800	J
	Dichloro-1,1-biphenyl isomer-1	8.27	3300	J
	Unknown Alkane-7	8.55	3000	J
	Dichloro-1,1-biphenyl isomer-2	8.66	5200	J
593-45-3	n-Octadecane	8.99	2200	
	Trichloro-1,1-biphenyl isomer-1	9.03	6900	J
	Unknown	9.05	1900	J
	Trichloro-1,1-biphenyl isomer-2	9.19	3200	J
	Trichloro-1,1-biphenyl isomer-3	9.43	8900	J
	Trichloro-1,1-biphenyl isomer-	9.51	3500	J
	Tetrachloro-1,1-biphenyl isomer-1	9.70	1800	J
	Tetrachloro-1,1-biphenyl isomer-2	9.86	1900	J
	Tetrachloro-1,1-biphenyl isomer-3	10.19	2100	J
	Tetrachloro-1,1-biphenyl isomer-4	10.21	1700	J

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-22-VD-S (3.5-5.0)**

Lab Sample ID: 460-30837-9 Date Sampled: 09/08/2011 1730
Client Matrix: Solid % Moisture: 5.2 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86513	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-86273	Lab File ID:	p19359.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/17/2011 1006			Final Weight/Volume:	1 mL
Prep Date:	09/16/2011 0735			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		350	U	43	350
2-Chlorophenol		350	U	46	350
2-Methylphenol		350	U	50	350
4-Methylphenol		350	U	57	350
Benzaldehyde		350	U	22	350
Acetophenone		350	U	52	350
Bis(2-chloroethyl)ether		35	U	7.2	35
2,2'-oxybis[1-chloropropane]		350	U	46	350
N-Nitrosodi-n-propylamine		35	U	4.6	35
Nitrobenzene		35	U	7.8	35
Hexachloroethane		35	U	5.9	35
Isophorone		350	U	40	350
2-Nitrophenol		350	U	57	350
2,4-Dimethylphenol		350	U	56	350
2,4-Dichlorophenol		350	U	56	350
Bis(2-chloroethoxy)methane		350	U	50	350
Naphthalene		350	U	51	350
4-Chloroaniline		350	U	44	350
Hexachlorobutadiene		70	U	14	70
Caprolactam		350	U	48	350
4-Chloro-3-methylphenol		350	U	58	350
2-Methylnaphthalene		350	U	51	350
Hexachlorobenzene		35	U	4.8	35
Hexachlorocyclopentadiene		350	U	100	350
2,4,6-Trichlorophenol		350	U	62	350
2,4,5-Trichlorophenol		350	U	67	350
Diphenyl		350	U	57	350
2-Chloronaphthalene		350	U	49	350
2-Nitroaniline		700	U	95	700
2,6-Dinitrotoluene		70	U	8.8	70
Dimethyl phthalate		350	U	47	350
Acenaphthylene		350	U	50	350
3-Nitroaniline		700	U	79	700
Acenaphthene		350	U	50	350
4-Nitrophenol		1100	U	89	1100
2,4-Dinitrophenol		1100	U	74	1100
Dibenzofuran		350	U	52	350
Diethyl phthalate		350	U	47	350
Fluorene		350	U	59	350
Fluoranthene		350	U	58	350
Di-n-butyl phthalate		350	U	53	350
2,4-Dinitrotoluene		70	U	10	70
4-Chlorophenyl phenyl ether		350	U	60	350
4-Nitroaniline		700	U	72	700
4,6-Dinitro-2-methylphenol		1100	U	170	1100
4-Bromophenyl phenyl ether		350	U	62	350

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-22-VD-S (3.5-5.0)**

Lab Sample ID: 460-30837-9 Date Sampled: 09/08/2011 1730
Client Matrix: Solid % Moisture: 5.2 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86513	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-86273	Lab File ID:	p19359.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/17/2011 1006			Final Weight/Volume:	1 mL
Prep Date:	09/16/2011 0735			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		350	U	65	350
Anthracene		350	U	61	350
Carbazole		350	U	55	350
Phenanthrene		350	U	61	350
Pentachlorophenol		1100	U	170	1100
Pyrene		350	U	60	350
Chrysene		350	U	51	350
Benzo[k]fluoranthene		35	U	4.9	35
Benzo[g,h,i]perylene		350	U	37	350
Benzo[b]fluoranthene		35	U	5.2	35
Benzo[a]pyrene		35	U	4.3	35
Benzo[a]anthracene		35	U	6.4	35
N-Nitrosodiphenylamine		350	U	57	350
Butyl benzyl phthalate		350	U	41	350
Bis(2-ethylhexyl) phthalate		350	U	46	350
Di-n-octyl phthalate		350	U	41	350
Indeno[1,2,3-cd]pyrene		35	U	5.6	35
Dibenz(a,h)anthracene		35	U	4.2	35
3,3'-Dichlorobenzidine		700	U	77	700
1,2,4,5-Tetrachlorobenzene		350	U	47	350
2,3,4,6-Tetrachlorophenol		350	U	70	350

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	84		38 - 105
Phenol-d5	75		41 - 118
Terphenyl-d14	92		16 - 151
2,4,6-Tribromophenol	79		10 - 120
2-Fluorophenol	77		37 - 125
2-Fluorobiphenyl	81		40 - 109

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-22-VD-S (3.5-5.0)**

Lab Sample ID: 460-30837-9 Date Sampled: 09/08/2011 1730
Client Matrix: Solid % Moisture: 5.2 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86513	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-86273	Lab File ID:	p19359.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/17/2011 1006			Final Weight/Volume:	1 mL
Prep Date:	09/16/2011 0735			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: 460-30837-1

Client Sample ID: **PMP-22-WT-S (7.0-8.5)**

Lab Sample ID: 460-30837-10 Date Sampled: 09/08/2011 1735
Client Matrix: Solid % Moisture: 16.2 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86513	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-86273	Lab File ID:	p19360.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/17/2011 1032			Final Weight/Volume:	1 mL
Prep Date:	09/16/2011 0735			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		390	U	48	390
2-Chlorophenol		390	U	53	390
2-Methylphenol		390	U	57	390
4-Methylphenol		390	U	65	390
Benzaldehyde		390	U	25	390
Acetophenone		390	U	59	390
Bis(2-chloroethyl)ether		39	U	8.2	39
2,2'-oxybis[1-chloropropane]		390	U	52	390
N-Nitrosodi-n-propylamine		39	U	5.2	39
Nitrobenzene		39	U	8.8	39
Hexachloroethane		39	U	6.7	39
Isophorone		390	U	45	390
2-Nitrophenol		390	U	65	390
2,4-Dimethylphenol		390	U	63	390
2,4-Dichlorophenol		390	U	63	390
Bis(2-chloroethoxy)methane		390	U	56	390
Naphthalene		390	U	58	390
4-Chloroaniline		390	U	50	390
Hexachlorobutadiene		80	U	16	80
Caprolactam		390	U	54	390
4-Chloro-3-methylphenol		390	U	66	390
2-Methylnaphthalene		390	U	58	390
Hexachlorobenzene		39	U	5.5	39
Hexachlorocyclopentadiene		390	U	120	390
2,4,6-Trichlorophenol		390	U	71	390
2,4,5-Trichlorophenol		390	U	76	390
Diphenyl		390	U	65	390
2-Chloronaphthalene		390	U	56	390
2-Nitroaniline		800	U	110	800
2,6-Dinitrotoluene		80	U	10	80
Dimethyl phthalate		390	U	53	390
Acenaphthylene		390	U	56	390
3-Nitroaniline		800	U	89	800
Acenaphthene		390	U	56	390
4-Nitrophenol		1200	U	100	1200
2,4-Dinitrophenol		1200	U	84	1200
Dibenzofuran		390	U	59	390
Diethyl phthalate		390	U	53	390
Fluorene		390	U	67	390
Fluoranthene		390	U	66	390
Di-n-butyl phthalate		390	U	60	390
2,4-Dinitrotoluene		80	U	12	80
4-Chlorophenyl phenyl ether		390	U	68	390
4-Nitroaniline		800	U	81	800
4,6-Dinitro-2-methylphenol		1200	U	190	1200
4-Bromophenyl phenyl ether		390	U	70	390

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-22-WT-S (7.0-8.5)**

Lab Sample ID: 460-30837-10 Date Sampled: 09/08/2011 1735
Client Matrix: Solid % Moisture: 16.2 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86513	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-86273	Lab File ID:	p19360.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/17/2011 1032			Final Weight/Volume:	1 mL
Prep Date:	09/16/2011 0735			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		390	U	74	390
Anthracene		390	U	70	390
Carbazole		390	U	63	390
Phenanthrene		390	U	69	390
Pentachlorophenol		1200	U	190	1200
Pyrene		390	U	68	390
Chrysene		390	U	57	390
Benzo[k]fluoranthene		39	U	5.5	39
Benzo[g,h,i]perylene		390	U	42	390
Benzo[b]fluoranthene		39	U	5.9	39
Benzo[a]pyrene		39	U	4.9	39
Benzo[a]anthracene		39	U	7.3	39
N-Nitrosodiphenylamine		390	U	64	390
Butyl benzyl phthalate		390	U	46	390
Bis(2-ethylhexyl) phthalate		390	U	52	390
Di-n-octyl phthalate		390	U	47	390
Indeno[1,2,3-cd]pyrene		39	U	6.3	39
Dibenz(a,h)anthracene		39	U	4.7	39
3,3'-Dichlorobenzidine		800	U	87	800
1,2,4,5-Tetrachlorobenzene		390	U	53	390
2,3,4,6-Tetrachlorophenol		390	U	79	390

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	87		38 - 105
Phenol-d5	79		41 - 118
Terphenyl-d14	95		16 - 151
2,4,6-Tribromophenol	89		10 - 120
2-Fluorophenol	82		37 - 125
2-Fluorobiphenyl	87		40 - 109

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-22-WT-S (7.0-8.5)**

Lab Sample ID: 460-30837-10 Date Sampled: 09/08/2011 1735
Client Matrix: Solid % Moisture: 16.2 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86513	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-86273	Lab File ID:	p19360.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/17/2011 1032			Final Weight/Volume:	1 mL
Prep Date:	09/16/2011 0735			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: 460-30837-1

Client Sample ID: **PMP-23-VS-S (1-3)**

Lab Sample ID: 460-30837-11 Date Sampled: 09/08/2011 1740
Client Matrix: Solid % Moisture: 4.7 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86513	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-86273	Lab File ID:	p19361.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/17/2011 1058			Final Weight/Volume:	1 mL
Prep Date:	09/16/2011 0735			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		350	U	43	350
2-Chlorophenol		350	U	46	350
2-Methylphenol		350	U	50	350
4-Methylphenol		350	U	57	350
Benzaldehyde		350	U	22	350
Acetophenone		350	U	52	350
Bis(2-chloroethyl)ether		35	U	7.2	35
2,2'-oxybis[1-chloropropane]		350	U	46	350
N-Nitrosodi-n-propylamine		35	U	4.6	35
Nitrobenzene		35	U	7.8	35
Hexachloroethane		35	U	5.9	35
Isophorone		350	U	40	350
2-Nitrophenol		350	U	57	350
2,4-Dimethylphenol		350	U	56	350
2,4-Dichlorophenol		350	U	56	350
Bis(2-chloroethoxy)methane		350	U	50	350
Naphthalene		350	U	51	350
4-Chloroaniline		350	U	44	350
Hexachlorobutadiene		70	U	14	70
Caprolactam		350	U	48	350
4-Chloro-3-methylphenol		350	U	58	350
2-Methylnaphthalene		350	U	51	350
Hexachlorobenzene		35	U	4.8	35
Hexachlorocyclopentadiene		350	U	100	350
2,4,6-Trichlorophenol		350	U	62	350
2,4,5-Trichlorophenol		350	U	67	350
Diphenyl		350	U	57	350
2-Chloronaphthalene		350	U	49	350
2-Nitroaniline		700	U	95	700
2,6-Dinitrotoluene		70	U	8.8	70
Dimethyl phthalate		350	U	47	350
Acenaphthylene		350	U	50	350
3-Nitroaniline		700	U	78	700
Acenaphthene		350	U	49	350
4-Nitrophenol		1000	U	89	1000
2,4-Dinitrophenol		1000	U	74	1000
Dibenzofuran		350	U	52	350
Diethyl phthalate		350	U	47	350
Fluorene		350	U	59	350
Fluoranthene		350	U	58	350
Di-n-butyl phthalate		350	U	53	350
2,4-Dinitrotoluene		70	U	10	70
4-Chlorophenyl phenyl ether		350	U	60	350
4-Nitroaniline		700	U	72	700
4,6-Dinitro-2-methylphenol		1000	U	170	1000
4-Bromophenyl phenyl ether		350	U	62	350

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-23-VS-S (1-3)**

Lab Sample ID: 460-30837-11 Date Sampled: 09/08/2011 1740
Client Matrix: Solid % Moisture: 4.7 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86513	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-86273	Lab File ID:	p19361.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/17/2011 1058			Final Weight/Volume:	1 mL
Prep Date:	09/16/2011 0735			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		350	U	65	350
Anthracene		350	U	61	350
Carbazole		350	U	55	350
Phenanthrene		350	U	61	350
Pentachlorophenol		1000	U	170	1000
Pyrene		350	U	60	350
Chrysene		350	U	50	350
Benzo[k]fluoranthene		35	U	4.9	35
Benzo[g,h,i]perylene		350	U	37	350
Benzo[b]fluoranthene		35	U	5.2	35
Benzo[a]pyrene		35	U	4.3	35
Benzo[a]anthracene		35	U	6.4	35
N-Nitrosodiphenylamine		350	U	57	350
Butyl benzyl phthalate		350	U	41	350
Bis(2-ethylhexyl) phthalate		350	U	46	350
Di-n-octyl phthalate		350	U	41	350
Indeno[1,2,3-cd]pyrene		35	U	5.6	35
Dibenz(a,h)anthracene		35	U	4.2	35
3,3'-Dichlorobenzidine		700	U	77	700
1,2,4,5-Tetrachlorobenzene		350	U	47	350
2,3,4,6-Tetrachlorophenol		350	U	69	350

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	87		38 - 105
Phenol-d5	77		41 - 118
Terphenyl-d14	91		16 - 151
2,4,6-Tribromophenol	82		10 - 120
2-Fluorophenol	79		37 - 125
2-Fluorobiphenyl	90		40 - 109

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-23-VS-S (1-3)**

Lab Sample ID: 460-30837-11 Date Sampled: 09/08/2011 1740
Client Matrix: Solid % Moisture: 4.7 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86513	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-86273	Lab File ID:	p19361.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/17/2011 1058			Final Weight/Volume:	1 mL
Prep Date:	09/16/2011 0735			Injection Volume:	1 uL

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown	15.29	570	J

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-23-WT-S (6.5-8.5)**

Lab Sample ID: 460-30837-12 Date Sampled: 09/08/2011 1750
Client Matrix: Solid % Moisture: 12.2 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86513	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-86273	Lab File ID:	p19362.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/17/2011 1123			Final Weight/Volume:	1 mL
Prep Date:	09/16/2011 0735			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		380	U	46	380
2-Chlorophenol		380	U	50	380
2-Methylphenol		380	U	54	380
4-Methylphenol		380	U	62	380
Benzaldehyde		380	U	24	380
Acetophenone		380	U	56	380
Bis(2-chloroethyl)ether		38	U	7.8	38
2,2'-oxybis[1-chloropropane]		380	U	49	380
N-Nitrosodi-n-propylamine		38	U	5.0	38
Nitrobenzene		38	U	8.4	38
Hexachloroethane		38	U	6.3	38
Isophorone		380	U	43	380
2-Nitrophenol		380	U	62	380
2,4-Dimethylphenol		380	U	60	380
2,4-Dichlorophenol		380	U	60	380
Bis(2-chloroethoxy)methane		380	U	54	380
Naphthalene		380	U	55	380
4-Chloroaniline		380	U	47	380
Hexachlorobutadiene		76	U	15	76
Caprolactam		380	U	52	380
4-Chloro-3-methylphenol		380	U	63	380
2-Methylnaphthalene		380	U	55	380
Hexachlorobenzene		38	U	5.2	38
Hexachlorocyclopentadiene		380	U	110	380
2,4,6-Trichlorophenol		380	U	67	380
2,4,5-Trichlorophenol		380	U	72	380
Diphenyl		380	U	62	380
2-Chloronaphthalene		380	U	53	380
2-Nitroaniline		760	U	100	760
2,6-Dinitrotoluene		76	U	9.6	76
Dimethyl phthalate		380	U	51	380
Acenaphthylene		380	U	54	380
3-Nitroaniline		760	U	85	760
Acenaphthene		380	U	54	380
4-Nitrophenol		1100	U	97	1100
2,4-Dinitrophenol		1100	U	80	1100
Dibenzofuran		380	U	56	380
Diethyl phthalate		380	U	50	380
Fluorene		380	U	64	380
Fluoranthene		380	U	63	380
Di-n-butyl phthalate		380	U	58	380
2,4-Dinitrotoluene		76	U	11	76
4-Chlorophenyl phenyl ether		380	U	65	380
4-Nitroaniline		760	U	78	760
4,6-Dinitro-2-methylphenol		1100	U	180	1100
4-Bromophenyl phenyl ether		380	U	67	380

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-23-WT-S (6.5-8.5)**

Lab Sample ID: 460-30837-12 Date Sampled: 09/08/2011 1750
Client Matrix: Solid % Moisture: 12.2 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86513	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-86273	Lab File ID:	p19362.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/17/2011 1123			Final Weight/Volume:	1 mL
Prep Date:	09/16/2011 0735			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		380	U	70	380
Anthracene		380	U	66	380
Carbazole		380	U	60	380
Phenanthrene		380	U	66	380
Pentachlorophenol		1100	U	180	1100
Pyrene		380	U	65	380
Chrysene		380	U	55	380
Benzo[k]fluoranthene		38	U	5.3	38
Benzo[g,h,i]perylene		380	U	40	380
Benzo[b]fluoranthene		38	U	5.6	38
Benzo[a]pyrene		38	U	4.6	38
Benzo[a]anthracene		38	U	7.0	38
N-Nitrosodiphenylamine		380	U	61	380
Butyl benzyl phthalate		380	U	44	380
Bis(2-ethylhexyl) phthalate		380	U	50	380
Di-n-octyl phthalate		380	U	45	380
Indeno[1,2,3-cd]pyrene		38	U	6.0	38
Dibenz(a,h)anthracene		38	U	4.5	38
3,3'-Dichlorobenzidine		760	U	83	760
1,2,4,5-Tetrachlorobenzene		380	U	51	380
2,3,4,6-Tetrachlorophenol		380	U	75	380

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	83		38 - 105
Phenol-d5	71		41 - 118
Terphenyl-d14	90		16 - 151
2,4,6-Tribromophenol	77		10 - 120
2-Fluorophenol	73		37 - 125
2-Fluorobiphenyl	82		40 - 109

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-23-WT-S (6.5-8.5)**

Lab Sample ID: 460-30837-12 Date Sampled: 09/08/2011 1750
Client Matrix: Solid % Moisture: 12.2 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86513	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-86273	Lab File ID:	p19362.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/17/2011 1123			Final Weight/Volume:	1 mL
Prep Date:	09/16/2011 0735			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: 460-30837-1

Client Sample ID: **PMP-23-VD-S (3.5-5.0)**

Lab Sample ID: 460-30837-13 Date Sampled: 09/08/2011 1745
Client Matrix: Solid % Moisture: 3.7 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86513	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-86273	Lab File ID:	p19363.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/17/2011 1149			Final Weight/Volume:	1 mL
Prep Date:	09/16/2011 0735			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		340	U	42	340
2-Chlorophenol		340	U	46	340
2-Methylphenol		340	U	49	340
4-Methylphenol		340	U	56	340
Benzaldehyde		340	U	21	340
Acetophenone		340	U	51	340
Bis(2-chloroethyl)ether		34	U	7.1	34
2,2'-oxybis[1-chloropropane]		340	U	45	340
N-Nitrosodi-n-propylamine		34	U	4.5	34
Nitrobenzene		34	U	7.7	34
Hexachloroethane		34	U	5.8	34
Isophorone		340	U	39	340
2-Nitrophenol		340	U	56	340
2,4-Dimethylphenol		340	U	55	340
2,4-Dichlorophenol		340	U	55	340
Bis(2-chloroethoxy)methane		340	U	49	340
Naphthalene		340	U	50	340
4-Chloroaniline		340	U	43	340
Hexachlorobutadiene		69	U	14	69
Caprolactam		340	U	47	340
4-Chloro-3-methylphenol		340	U	58	340
2-Methylnaphthalene		340	U	50	340
Hexachlorobenzene		34	U	4.8	34
Hexachlorocyclopentadiene		340	U	100	340
2,4,6-Trichlorophenol		340	U	61	340
2,4,5-Trichlorophenol		340	U	66	340
Diphenyl		340	U	57	340
2-Chloronaphthalene		340	U	48	340
2-Nitroaniline		690	U	94	690
2,6-Dinitrotoluene		69	U	8.7	69
Dimethyl phthalate		340	U	46	340
Acenaphthylene		340	U	49	340
3-Nitroaniline		690	U	78	690
Acenaphthene		340	U	49	340
4-Nitrophenol		1000	U	88	1000
2,4-Dinitrophenol		1000	U	73	1000
Dibenzofuran		340	U	52	340
Diethyl phthalate		340	U	46	340
Fluorene		340	U	58	340
Fluoranthene		340	U	57	340
Di-n-butyl phthalate		340	U	52	340
2,4-Dinitrotoluene		69	U	10	69
4-Chlorophenyl phenyl ether		340	U	59	340
4-Nitroaniline		690	U	71	690
4,6-Dinitro-2-methylphenol		1000	U	160	1000
4-Bromophenyl phenyl ether		340	U	61	340

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-23-VD-S (3.5-5.0)**

Lab Sample ID: 460-30837-13 Date Sampled: 09/08/2011 1745
Client Matrix: Solid % Moisture: 3.7 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86513	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-86273	Lab File ID:	p19363.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/17/2011 1149			Final Weight/Volume:	1 mL
Prep Date:	09/16/2011 0735			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		340	U	64	340
Anthracene		340	U	61	340
Carbazole		340	U	55	340
Phenanthrene		340	U	60	340
Pentachlorophenol		1000	U	170	1000
Pyrene		340	U	59	340
Chrysene		340	U	50	340
Benzo[k]fluoranthene		34	U	4.8	34
Benzo[g,h,i]perylene		340	U	36	340
Benzo[b]fluoranthene		34	U	5.1	34
Benzo[a]pyrene		34	U	4.2	34
Benzo[a]anthracene		34	U	6.3	34
N-Nitrosodiphenylamine		340	U	56	340
Butyl benzyl phthalate		340	U	40	340
Bis(2-ethylhexyl) phthalate		340	U	46	340
Di-n-octyl phthalate		340	U	41	340
Indeno[1,2,3-cd]pyrene		34	U	5.5	34
Dibenz(a,h)anthracene		34	U	4.1	34
3,3'-Dichlorobenzidine		690	U	76	690
1,2,4,5-Tetrachlorobenzene		340	U	46	340
2,3,4,6-Tetrachlorophenol		340	U	69	340

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	90		38 - 105
Phenol-d5	77		41 - 118
Terphenyl-d14	87		16 - 151
2,4,6-Tribromophenol	77		10 - 120
2-Fluorophenol	80		37 - 125
2-Fluorobiphenyl	89		40 - 109

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-23-VD-S (3.5-5.0)**

Lab Sample ID: 460-30837-13 Date Sampled: 09/08/2011 1745
Client Matrix: Solid % Moisture: 3.7 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86513	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-86273	Lab File ID:	p19363.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/17/2011 1149			Final Weight/Volume:	1 mL
Prep Date:	09/16/2011 0735			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: 460-30837-1

Client Sample ID: **PMP-12-VS-S (0.5-1.0)**

Lab Sample ID: 460-30837-14 Date Sampled: 09/09/2011 0905
Client Matrix: Solid % Moisture: 5.8 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86807	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-86534	Lab File ID:	u70310.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/21/2011 1020			Final Weight/Volume:	1 mL
Prep Date:	09/19/2011 1200			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		350	U	43	350
2-Chlorophenol		350	U	47	350
2-Methylphenol		350	U	50	350
4-Methylphenol		350	U	57	350
Benzaldehyde		350	U	22	350
Acetophenone		350	U	52	350
Bis(2-chloroethyl)ether		35	U	7.3	35
2,2'-oxybis[1-chloropropane]		350	U	46	350
N-Nitrosodi-n-propylamine		35	U	4.6	35
Nitrobenzene		35	U	7.8	35
Hexachloroethane		35	U	5.9	35
Isophorone		350	U	40	350
2-Nitrophenol		350	U	58	350
2,4-Dimethylphenol		350	U	56	350
2,4-Dichlorophenol		350	U	56	350
Bis(2-chloroethoxy)methane		350	U	50	350
Naphthalene		350	U	51	350
4-Chloroaniline		350	U	44	350
Hexachlorobutadiene		71	U	14	71
Caprolactam		350	U	48	350
4-Chloro-3-methylphenol		350	U	59	350
2-Methylnaphthalene		350	U	51	350
Hexachlorobenzene		35	U	4.9	35
Hexachlorocyclopentadiene		350	U	100	350
2,4,6-Trichlorophenol		350	U	63	350
2,4,5-Trichlorophenol		350	U	68	350
Diphenyl		350	U	58	350
2-Chloronaphthalene		350	U	50	350
2-Nitroaniline		710	U	96	710
2,6-Dinitrotoluene		71	U	8.9	71
Dimethyl phthalate		350	U	47	350
Acenaphthylene		350	U	50	350
3-Nitroaniline		710	U	79	710
Acenaphthene		350	U	50	350
4-Nitrophenol		1100	U	90	1100
2,4-Dinitrophenol		1100	U	74	1100
Dibenzofuran		350	U	53	350
Diethyl phthalate		350	U	47	350
Fluorene		350	U	59	350
Fluoranthene		350	U	58	350
Di-n-butyl phthalate		350	U	54	350
2,4-Dinitrotoluene		71	U	10	71
4-Chlorophenyl phenyl ether		350	U	60	350
4-Nitroaniline		710	U	72	710
4,6-Dinitro-2-methylphenol		1100	U	170	1100
4-Bromophenyl phenyl ether		350	U	62	350

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-12-VS-S (0.5-1.0)**

Lab Sample ID: 460-30837-14 Date Sampled: 09/09/2011 0905
Client Matrix: Solid % Moisture: 5.8 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86807	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-86534	Lab File ID:	u70310.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/21/2011 1020			Final Weight/Volume:	1 mL
Prep Date:	09/19/2011 1200			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		350	U	65	350
Anthracene		350	U	62	350
Carbazole		350	U	56	350
Phenanthrene		350	U	61	350
Pentachlorophenol		1100	U	170	1100
Pyrene		350	U	61	350
Chrysene		350	U	51	350
Benzo[k]fluoranthene		35	U	4.9	35
Benzo[g,h,i]perylene		350	U	37	350
Benzo[b]fluoranthene		35	U	5.2	35
Benzo[a]pyrene		35	U	4.3	35
Benzo[a]anthracene		35	U	6.5	35
N-Nitrosodiphenylamine		350	U	57	350
Butyl benzyl phthalate		350	U	41	350
Bis(2-ethylhexyl) phthalate		350	U	47	350
Di-n-octyl phthalate		350	U	42	350
Indeno[1,2,3-cd]pyrene		35	U	5.6	35
Dibenz(a,h)anthracene		35	U	4.2	35
3,3'-Dichlorobenzidine		710	U	78	710
1,2,4,5-Tetrachlorobenzene		350	U *	47	350
2,3,4,6-Tetrachlorophenol		350	U	70	350

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	84		38 - 105
Phenol-d5	85		41 - 118
Terphenyl-d14	113		16 - 151
2,4,6-Tribromophenol	57		10 - 120
2-Fluorophenol	75		37 - 125
2-Fluorobiphenyl	94		40 - 109

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-12-VS-S (0.5-1.0)**

Lab Sample ID: 460-30837-14 Date Sampled: 09/09/2011 0905
Client Matrix: Solid % Moisture: 5.8 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86807	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-86534	Lab File ID:	u70310.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/21/2011 1020			Final Weight/Volume:	1 mL
Prep Date:	09/19/2011 1200			Injection Volume:	1 uL

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown	13.90	410	J

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-12-VD-S (2.5-3.0)**

Lab Sample ID: 460-30837-15 Date Sampled: 09/09/2011 0910
Client Matrix: Solid % Moisture: 3.8 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86807	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-86534	Lab File ID:	u70288.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/21/2011 0315			Final Weight/Volume:	1 mL
Prep Date:	09/19/2011 1200			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		340	U	42	340
2-Chlorophenol		340	U	46	340
2-Methylphenol		340	U	49	340
4-Methylphenol		340	U	56	340
Benzaldehyde		340	U	21	340
Acetophenone		340	U	51	340
Bis(2-chloroethyl)ether		34	U	7.1	34
2,2'-oxybis[1-chloropropane]		340	U	45	340
N-Nitrosodi-n-propylamine		34	U	4.5	34
Nitrobenzene		34	U	7.7	34
Hexachloroethane		34	U	5.8	34
Isophorone		340	U	39	340
2-Nitrophenol		340	U	56	340
2,4-Dimethylphenol		340	U	55	340
2,4-Dichlorophenol		340	U	55	340
Bis(2-chloroethoxy)methane		340	U	49	340
Naphthalene		340	U	50	340
4-Chloroaniline		340	U	43	340
Hexachlorobutadiene		70	U	14	70
Caprolactam		340	U	47	340
4-Chloro-3-methylphenol		340	U	58	340
2-Methylnaphthalene		340	U	50	340
Hexachlorobenzene		34	U	4.8	34
Hexachlorocyclopentadiene		340	U	100	340
2,4,6-Trichlorophenol		340	U	61	340
2,4,5-Trichlorophenol		340	U	66	340
Diphenyl		340	U	57	340
2-Chloronaphthalene		340	U	48	340
2-Nitroaniline		700	U	94	700
2,6-Dinitrotoluene		70	U	8.7	70
Dimethyl phthalate		340	U	46	340
Acenaphthylene		340	U	49	340
3-Nitroaniline		700	U	78	700
Acenaphthene		340	U	49	340
4-Nitrophenol		1000	U	88	1000
2,4-Dinitrophenol		1000	U	73	1000
Dibenzofuran		340	U	52	340
Diethyl phthalate		340	U	46	340
Fluorene		340	U	58	340
Fluoranthene		340	U	57	340
Di-n-butyl phthalate		340	U	52	340
2,4-Dinitrotoluene		70	U	10	70
4-Chlorophenyl phenyl ether		340	U	59	340
4-Nitroaniline		700	U	71	700
4,6-Dinitro-2-methylphenol		1000	U	160	1000
4-Bromophenyl phenyl ether		340	U	61	340

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-12-VD-S (2.5-3.0)**

Lab Sample ID: 460-30837-15 Date Sampled: 09/09/2011 0910
Client Matrix: Solid % Moisture: 3.8 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86807	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-86534	Lab File ID:	u70288.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/21/2011 0315			Final Weight/Volume:	1 mL
Prep Date:	09/19/2011 1200			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		340	U	64	340
Anthracene		340	U	61	340
Carbazole		340	U	55	340
Phenanthrene		340	U	60	340
Pentachlorophenol		1000	U	170	1000
Pyrene		340	U	59	340
Chrysene		340	U	50	340
Benzo[k]fluoranthene		34	U	4.8	34
Benzo[g,h,i]perylene		340	U	36	340
Benzo[b]fluoranthene		34	U	5.1	34
Benzo[a]pyrene		34	U	4.2	34
Benzo[a]anthracene		34	U	6.3	34
N-Nitrosodiphenylamine		340	U	56	340
Butyl benzyl phthalate		340	U	40	340
Bis(2-ethylhexyl) phthalate		340	U	46	340
Di-n-octyl phthalate		340	U	41	340
Indeno[1,2,3-cd]pyrene		34	U	5.5	34
Dibenz(a,h)anthracene		34	U	4.1	34
3,3'-Dichlorobenzidine		700	U	76	700
1,2,4,5-Tetrachlorobenzene		340	U *	46	340
2,3,4,6-Tetrachlorophenol		340	U	69	340

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	68		38 - 105
Phenol-d5	67		41 - 118
Terphenyl-d14	67		16 - 151
2,4,6-Tribromophenol	67		10 - 120
2-Fluorophenol	60		37 - 125
2-Fluorobiphenyl	74		40 - 109

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-12-VD-S (2.5-3.0)**

Lab Sample ID: 460-30837-15 Date Sampled: 09/09/2011 0910
Client Matrix: Solid % Moisture: 3.8 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86807	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-86534	Lab File ID:	u70288.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/21/2011 0315			Final Weight/Volume:	1 mL
Prep Date:	09/19/2011 1200			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: 460-30837-1

Client Sample ID: **PMP-12-WT-S (7.0-7.5)**

Lab Sample ID: 460-30837-16 Date Sampled: 09/09/2011 0915
Client Matrix: Solid % Moisture: 11.9 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86807	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-86534	Lab File ID:	u70289.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/21/2011 0334			Final Weight/Volume:	1 mL
Prep Date:	09/19/2011 1200			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		370	U	46	370
2-Chlorophenol		370	U	50	370
2-Methylphenol		370	U	54	370
4-Methylphenol		370	U	61	370
Benzaldehyde		370	U	23	370
Acetophenone		370	U	56	370
Bis(2-chloroethyl)ether		37	U	7.8	37
2,2'-oxybis[1-chloropropane]		370	U	49	370
N-Nitrosodi-n-propylamine		37	U	5.0	37
Nitrobenzene		37	U	8.4	37
Hexachloroethane		37	U	6.3	37
Isophorone		370	U	43	370
2-Nitrophenol		370	U	62	370
2,4-Dimethylphenol		370	U	60	370
2,4-Dichlorophenol		370	U	60	370
Bis(2-chloroethoxy)methane		370	U	54	370
Naphthalene		370	U	55	370
4-Chloroaniline		370	U	47	370
Hexachlorobutadiene		76	U	15	76
Caprolactam		370	U	51	370
4-Chloro-3-methylphenol		370	U	63	370
2-Methylnaphthalene		370	U	55	370
Hexachlorobenzene		37	U	5.2	37
Hexachlorocyclopentadiene		370	U	110	370
2,4,6-Trichlorophenol		370	U	67	370
2,4,5-Trichlorophenol		370	U	72	370
Diphenyl		370	U	62	370
2-Chloronaphthalene		370	U	53	370
2-Nitroaniline		760	U	100	760
2,6-Dinitrotoluene		76	U	9.5	76
Dimethyl phthalate		370	U	51	370
Acenaphthylene		370	U	54	370
3-Nitroaniline		760	U	85	760
Acenaphthene		370	U	53	370
4-Nitrophenol		1100	U	96	1100
2,4-Dinitrophenol		1100	U	80	1100
Dibenzofuran		370	U	56	370
Diethyl phthalate		370	U	50	370
Fluorene		370	U	63	370
Fluoranthene		370	U	62	370
Di-n-butyl phthalate		370	U	57	370
2,4-Dinitrotoluene		76	U	11	76
4-Chlorophenyl phenyl ether		370	U	64	370
4-Nitroaniline		760	U	77	760
4,6-Dinitro-2-methylphenol		1100	U	180	1100
4-Bromophenyl phenyl ether		370	U	67	370

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-12-WT-S (7.0-7.5)**

Lab Sample ID: 460-30837-16 Date Sampled: 09/09/2011 0915
Client Matrix: Solid % Moisture: 11.9 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86807	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-86534	Lab File ID:	u70289.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/21/2011 0334			Final Weight/Volume:	1 mL
Prep Date:	09/19/2011 1200			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		370	U	70	370
Anthracene		370	U	66	370
Carbazole		370	U	60	370
Phenanthrene		370	U	65	370
Pentachlorophenol		1100	U	180	1100
Pyrene		370	U	65	370
Chrysene		370	U	55	370
Benzo[k]fluoranthene		37	U	5.2	37
Benzo[g,h,i]perylene		370	U	40	370
Benzo[b]fluoranthene		37	U	5.6	37
Benzo[a]pyrene		37	U	4.6	37
Benzo[a]anthracene		37	U	6.9	37
N-Nitrosodiphenylamine		370	U	61	370
Butyl benzyl phthalate		370	U	44	370
Bis(2-ethylhexyl) phthalate		370	U	50	370
Di-n-octyl phthalate		370	U	45	370
Indeno[1,2,3-cd]pyrene		37	U	6.0	37
Dibenz(a,h)anthracene		37	U	4.5	37
3,3'-Dichlorobenzidine		760	U	83	760
1,2,4,5-Tetrachlorobenzene		370	U *	50	370
2,3,4,6-Tetrachlorophenol		370	U	75	370

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	50		38 - 105
Phenol-d5	59		41 - 118
Terphenyl-d14	62		16 - 151
2,4,6-Tribromophenol	59		10 - 120
2-Fluorophenol	49		37 - 125
2-Fluorobiphenyl	54		40 - 109

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-12-WT-S (7.0-7.5)**

Lab Sample ID: 460-30837-16 Date Sampled: 09/09/2011 0915
Client Matrix: Solid % Moisture: 11.9 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86807	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-86534	Lab File ID:	u70289.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/21/2011 0334			Final Weight/Volume:	1 mL
Prep Date:	09/19/2011 1200			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: 460-30837-1

Client Sample ID: **Dup_090811**

Lab Sample ID: 460-30837-17FD Date Sampled: 09/09/2011 0000
Client Matrix: Solid % Moisture: 10.9 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86827	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-86659	Lab File ID:	z10030.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/21/2011 0443			Final Weight/Volume:	1 mL
Prep Date:	09/20/2011 1300			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		370	U	45	370
2-Chlorophenol		370	U	50	370
2-Methylphenol		370	U	53	370
4-Methylphenol		370	U	61	370
Benzaldehyde		370	U	23	370
Acetophenone		370	U	55	370
Bis(2-chloroethyl)ether		37	U	7.7	37
2,2'-oxybis[1-chloropropane]		370	U	49	370
N-Nitrosodi-n-propylamine		37	U	4.9	37
Nitrobenzene		37	U	8.3	37
Hexachloroethane		37	U	6.3	37
Isophorone		370	U	43	370
2-Nitrophenol		370	U	61	370
2,4-Dimethylphenol		370	U	59	370
2,4-Dichlorophenol		370	U	59	370
Bis(2-chloroethoxy)methane		370	U	53	370
Naphthalene		370	U	54	370
4-Chloroaniline		370	U	47	370
Hexachlorobutadiene		75	U	15	75
Caprolactam		370	U	51	370
4-Chloro-3-methylphenol		370	U	62	370
2-Methylnaphthalene		370	U	54	370
Hexachlorobenzene		37	U	5.2	37
Hexachlorocyclopentadiene		370	U	110	370
2,4,6-Trichlorophenol		370	U	66	370
2,4,5-Trichlorophenol		370	U	72	370
Diphenyl		370	U	61	370
2-Chloronaphthalene		370	U	52	370
2-Nitroaniline		750	U	100	750
2,6-Dinitrotoluene		75	U	9.4	75
Dimethyl phthalate		370	U	50	370
Acenaphthylene		370	U	53	370
3-Nitroaniline		750	U	84	750
Acenaphthene		370	U	53	370
4-Nitrophenol		1100	U	95	1100
2,4-Dinitrophenol		1100	U	79	1100
Dibenzofuran		370	U	56	370
Diethyl phthalate		370	U	50	370
Fluorene		370	U	63	370
Fluoranthene		370	U	62	370
Di-n-butyl phthalate		370	U	57	370
2,4-Dinitrotoluene		75	U	11	75
4-Chlorophenyl phenyl ether		370	U	64	370
4-Nitroaniline		750	U	77	750
4,6-Dinitro-2-methylphenol		1100	U	180	1100
4-Bromophenyl phenyl ether		370	U	66	370

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **Dup_090811**

Lab Sample ID: 460-30837-17FD Date Sampled: 09/09/2011 0000
Client Matrix: Solid % Moisture: 10.9 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86827	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-86659	Lab File ID:	z10030.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/21/2011 0443			Final Weight/Volume:	1 mL
Prep Date:	09/20/2011 1300			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		370	U	69	370
Anthracene		370	U	66	370
Carbazole		370	U	59	370
Phenanthrene		370	U	65	370
Pentachlorophenol		1100	U	180	1100
Pyrene		370	U	64	370
Chrysene		370	U	54	370
Benzo[k]fluoranthene		37	U	5.2	37
Benzo[g,h,i]perylene		370	U	39	370
Benzo[b]fluoranthene		37	U	5.5	37
Benzo[a]pyrene		37	U	4.6	37
Benzo[a]anthracene		37	U	6.9	37
N-Nitrosodiphenylamine		370	U	61	370
Butyl benzyl phthalate		370	U	43	370
Bis(2-ethylhexyl) phthalate		370	U	49	370
Di-n-octyl phthalate		370	U	44	370
Indeno[1,2,3-cd]pyrene		37	U	5.9	37
Dibenz(a,h)anthracene		37	U	4.5	37
3,3'-Dichlorobenzidine		750	U	82	750
1,2,4,5-Tetrachlorobenzene		370	U	50	370
2,3,4,6-Tetrachlorophenol		370	U	74	370

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	69		38 - 105
Phenol-d5	71		41 - 118
Terphenyl-d14	98		16 - 151
2,4,6-Tribromophenol	47		10 - 120
2-Fluorophenol	63		37 - 125
2-Fluorobiphenyl	70		40 - 109

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **Dup_090811**

Lab Sample ID: 460-30837-17FD Date Sampled: 09/09/2011 0000
Client Matrix: Solid % Moisture: 10.9 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86827	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-86659	Lab File ID:	z10030.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/21/2011 0443			Final Weight/Volume:	1 mL
Prep Date:	09/20/2011 1300			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: 460-30837-1

Client Sample ID: **PMP-25-VS-S (1-3)**

Lab Sample ID: 460-30837-18 Date Sampled: 09/09/2011 0935
Client Matrix: Solid % Moisture: 7.1 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86039	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-85882	Lab File ID:	u70075.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/14/2011 0427			Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 1015			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		360	U	44	360
2-Chlorophenol		360	U	48	360
2-Methylphenol		360	U	51	360
4-Methylphenol		360	U	58	360
Benzaldehyde		360	U	22	360
Acetophenone		360	U	53	360
Bis(2-chloroethyl)ether		36	U	7.4	36
2,2'-oxybis[1-chloropropane]		360	U	47	360
N-Nitrosodi-n-propylamine		36	U	4.7	36
Nitrobenzene		36	U	8.0	36
Hexachloroethane		36	U	6.0	36
Isophorone		360	U	41	360
2-Nitrophenol		360	U	59	360
2,4-Dimethylphenol		360	U	57	360
2,4-Dichlorophenol		360	U	57	360
Bis(2-chloroethoxy)methane		360	U	51	360
Naphthalene		360	U	52	360
4-Chloroaniline		360	U	45	360
Hexachlorobutadiene		72	U	14	72
Caprolactam		360	U	49	360
4-Chloro-3-methylphenol		360	U	60	360
2-Methylnaphthalene		360	U	52	360
Hexachlorobenzene		36	U	4.9	36
Hexachlorocyclopentadiene		360	U	100	360
2,4,6-Trichlorophenol		360	U	64	360
2,4,5-Trichlorophenol		360	U	69	360
Diphenyl		360	U	59	360
2-Chloronaphthalene		360	U	50	360
2-Nitroaniline		720	U	97	720
2,6-Dinitrotoluene		72	U	9.1	72
Dimethyl phthalate		360	U	48	360
Acenaphthylene		360	U	51	360
3-Nitroaniline		720	U	81	720
Acenaphthene		360	U	51	360
4-Nitrophenol		1100	U	92	1100
2,4-Dinitrophenol		1100	U	76	1100
Dibenzofuran		360	U	54	360
Diethyl phthalate		360	U	48	360
Fluorene		360	U	60	360
Fluoranthene		360	U	59	360
Di-n-butyl phthalate		360	U	54	360
2,4-Dinitrotoluene		72	U	10	72
4-Chlorophenyl phenyl ether		360	U	61	360
4-Nitroaniline		720	U	74	720
4,6-Dinitro-2-methylphenol		1100	U	170	1100
4-Bromophenyl phenyl ether		360	U	63	360

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-25-VS-S (1-3)**

Lab Sample ID: 460-30837-18 Date Sampled: 09/09/2011 0935
Client Matrix: Solid % Moisture: 7.1 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86039	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-85882	Lab File ID:	u70075.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/14/2011 0427			Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 1015			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		360	U	66	360
Anthracene		360	U	63	360
Carbazole		360	U	57	360
Phenanthrene		360	U	62	360
Pentachlorophenol		1100	U	170	1100
Pyrene		360	U	62	360
Chrysene		360	U	52	360
Benzo[k]fluoranthene		36	U	5.0	36
Benzo[g,h,i]perylene		360	U	38	360
Benzo[b]fluoranthene		36	U	5.3	36
Benzo[a]pyrene		36	U	4.4	36
Benzo[a]anthracene		36	U	6.6	36
N-Nitrosodiphenylamine		360	U	58	360
Butyl benzyl phthalate		360	U	42	360
Bis(2-ethylhexyl) phthalate		360	U	47	360
Di-n-octyl phthalate		360	U	42	360
Indeno[1,2,3-cd]pyrene		36	U	5.7	36
Dibenz(a,h)anthracene		36	U	4.3	36
3,3'-Dichlorobenzidine		720	U	79	720
1,2,4,5-Tetrachlorobenzene		360	U	48	360
2,3,4,6-Tetrachlorophenol		360	U	71	360

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	68		38 - 105
Phenol-d5	65		41 - 118
Terphenyl-d14	72		16 - 151
2,4,6-Tribromophenol	41		10 - 120
2-Fluorophenol	65		37 - 125
2-Fluorobiphenyl	77		40 - 109

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-25-VS-S (1-3)**

Lab Sample ID: 460-30837-18 Date Sampled: 09/09/2011 0935
Client Matrix: Solid % Moisture: 7.1 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86039	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-85882	Lab File ID:	u70075.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/14/2011 0427			Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 1015			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **2**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Degradation product of 2,4,6-Tribromophenol(sur)	8.50	360	J
	Unknown	14.27	970	J

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-25-VD-S (3-5)**

Lab Sample ID: 460-30837-19 Date Sampled: 09/09/2011 0940
Client Matrix: Solid % Moisture: 13.3 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86039	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-85882	Lab File ID:	u70076.d
Dilution:	1.0			Initial Weight/Volume:	15.05 g
Analysis Date:	09/14/2011 0448			Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 1015			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		380	U	47	380
2-Chlorophenol		380	U	51	380
2-Methylphenol		380	U	55	380
4-Methylphenol		380	U	62	380
Benzaldehyde		380	U	24	380
Acetophenone		380	U	56	380
Bis(2-chloroethyl)ether		38	U	7.9	38
2,2'-oxybis[1-chloropropane]		380	U	50	380
N-Nitrosodi-n-propylamine		38	U	5.0	38
Nitrobenzene		38	U	8.5	38
Hexachloroethane		38	U	6.4	38
Isophorone		380	U	44	380
2-Nitrophenol		380	U	63	380
2,4-Dimethylphenol		380	U	61	380
2,4-Dichlorophenol		380	U	61	380
Bis(2-chloroethoxy)methane		380	U	54	380
Naphthalene		380	U	56	380
4-Chloroaniline		380	U	48	380
Hexachlorobutadiene		77	U	15	77
Caprolactam		380	U	52	380
4-Chloro-3-methylphenol		380	U	64	380
2-Methylnaphthalene		380	U	56	380
Hexachlorobenzene		38	U	5.3	38
Hexachlorocyclopentadiene		380	U	110	380
2,4,6-Trichlorophenol		380	U	68	380
2,4,5-Trichlorophenol		380	U	73	380
Diphenyl		380	U	63	380
2-Chloronaphthalene		380	U	54	380
2-Nitroaniline		770	U	100	770
2,6-Dinitrotoluene		77	U	9.7	77
Dimethyl phthalate		380	U	51	380
Acenaphthylene		380	U	54	380
3-Nitroaniline		770	U	86	770
Acenaphthene		380	U	54	380
4-Nitrophenol		1100	U	98	1100
2,4-Dinitrophenol		1100	U	81	1100
Dibenzofuran		380	U	57	380
Diethyl phthalate		380	U	51	380
Fluorene		380	U	64	380
Fluoranthene		380	U	63	380
Di-n-butyl phthalate		380	U	58	380
2,4-Dinitrotoluene		77	U	11	77
4-Chlorophenyl phenyl ether		380	U	65	380
4-Nitroaniline		770	U	78	770
4,6-Dinitro-2-methylphenol		1100	U	180	1100
4-Bromophenyl phenyl ether		380	U	68	380

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-25-VD-S (3-5)**

Lab Sample ID: 460-30837-19 Date Sampled: 09/09/2011 0940
Client Matrix: Solid % Moisture: 13.3 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86039	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-85882	Lab File ID:	u70076.d
Dilution:	1.0			Initial Weight/Volume:	15.05 g
Analysis Date:	09/14/2011 0448			Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 1015			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		380	U	71	380
Anthracene		380	U	67	380
Carbazole		380	U	60	380
Phenanthrene		380	U	66	380
Pentachlorophenol		1100	U	190	1100
Pyrene		380	U	66	380
Chrysene		380	U	55	380
Benzo[k]fluoranthene		38	U	5.3	38
Benzo[g,h,i]perylene		380	U	40	380
Benzo[b]fluoranthene		38	U	5.7	38
Benzo[a]pyrene		38	U	4.7	38
Benzo[a]anthracene		38	U	7.0	38
N-Nitrosodiphenylamine		380	U	62	380
Butyl benzyl phthalate		380	U	44	380
Bis(2-ethylhexyl) phthalate		380	U	50	380
Di-n-octyl phthalate		380	U	45	380
Indeno[1,2,3-cd]pyrene		38	U	6.1	38
Dibenz(a,h)anthracene		38	U	4.6	38
3,3'-Dichlorobenzidine		770	U	84	770
1,2,4,5-Tetrachlorobenzene		380	U	51	380
2,3,4,6-Tetrachlorophenol		380	U	76	380

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	67		38 - 105
Phenol-d5	60		41 - 118
Terphenyl-d14	72		16 - 151
2,4,6-Tribromophenol	37		10 - 120
2-Fluorophenol	65		37 - 125
2-Fluorobiphenyl	76		40 - 109

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-25-VD-S (3-5)**

Lab Sample ID: 460-30837-19 Date Sampled: 09/09/2011 0940
Client Matrix: Solid % Moisture: 13.3 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86039	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-85882	Lab File ID:	u70076.d
Dilution:	1.0			Initial Weight/Volume:	15.05 g
Analysis Date:	09/14/2011 0448			Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 1015			Injection Volume:	1 uL

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Degradation product of 2,4,6-Tribromophenol(sur)	8.49	340	J

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-25-WT-S (7.5-9.5)**

Lab Sample ID: 460-30837-20 Date Sampled: 09/09/2011 0945
Client Matrix: Solid % Moisture: 12.2 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86198	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-85882	Lab File ID:	u70140.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/15/2011 1451			Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 1015			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		380	U	46	380
2-Chlorophenol		380	U	50	380
2-Methylphenol		380	U	54	380
4-Methylphenol		380	U	62	380
Benzaldehyde		380	U	24	380
Acetophenone		380	U	56	380
Bis(2-chloroethyl)ether		38	U	7.8	38
2,2'-oxybis[1-chloropropane]		380	U	49	380
N-Nitrosodi-n-propylamine		38	U	5.0	38
Nitrobenzene		38	U	8.4	38
Hexachloroethane		38	U	6.3	38
Isophorone		380	U	43	380
2-Nitrophenol		380	U	62	380
2,4-Dimethylphenol		380	U	60	380
2,4-Dichlorophenol		380	U	60	380
Bis(2-chloroethoxy)methane		380	U	54	380
Naphthalene		380	U	55	380
4-Chloroaniline		380	U	47	380
Hexachlorobutadiene		76	U	15	76
Caprolactam		380	U	52	380
4-Chloro-3-methylphenol		380	U	63	380
2-Methylnaphthalene		380	U	55	380
Hexachlorobenzene		38	U	5.2	38
Hexachlorocyclopentadiene		380	U	110	380
2,4,6-Trichlorophenol		380	U	67	380
2,4,5-Trichlorophenol		380	U	72	380
Diphenyl		380	U	62	380
2-Chloronaphthalene		380	U	53	380
2-Nitroaniline		760	U	100	760
2,6-Dinitrotoluene		76	U	9.6	76
Dimethyl phthalate		380	U	51	380
Acenaphthylene		380	U	54	380
3-Nitroaniline		760	U	85	760
Acenaphthene		380	U	54	380
4-Nitrophenol		1100	U	97	1100
2,4-Dinitrophenol		1100	U	80	1100
Dibenzofuran		380	U	57	380
Diethyl phthalate		380	U	51	380
Fluorene		380	U	64	380
Fluoranthene		380	U	63	380
Di-n-butyl phthalate		380	U	58	380
2,4-Dinitrotoluene		76	U	11	76
4-Chlorophenyl phenyl ether		380	U	65	380
4-Nitroaniline		760	U	78	760
4,6-Dinitro-2-methylphenol		1100	U	180	1100
4-Bromophenyl phenyl ether		380	U	67	380

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-25-WT-S (7.5-9.5)**

Lab Sample ID: 460-30837-20 Date Sampled: 09/09/2011 0945
Client Matrix: Solid % Moisture: 12.2 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86198	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-85882	Lab File ID:	u70140.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/15/2011 1451			Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 1015			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		380	U	70	380
Anthracene		380	U	66	380
Carbazole		380	U	60	380
Phenanthrene		380	U	66	380
Pentachlorophenol		1100	U	180	1100
Pyrene		380	U	65	380
Chrysene		380	U	55	380
Benzo[k]fluoranthene		38	U	5.3	38
Benzo[g,h,i]perylene		380	U	40	380
Benzo[b]fluoranthene		38	U	5.6	38
Benzo[a]pyrene		38	U	4.6	38
Benzo[a]anthracene		38	U	7.0	38
N-Nitrosodiphenylamine		380	U	61	380
Butyl benzyl phthalate		380	U	44	380
Bis(2-ethylhexyl) phthalate		380	U	50	380
Di-n-octyl phthalate		380	U	45	380
Indeno[1,2,3-cd]pyrene		38	U	6.0	38
Dibenz(a,h)anthracene		38	U	4.5	38
3,3'-Dichlorobenzidine		760	U	83	760
1,2,4,5-Tetrachlorobenzene		380	U	51	380
2,3,4,6-Tetrachlorophenol		380	U	75	380

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	70		38 - 105
Phenol-d5	75		41 - 118
Terphenyl-d14	74		16 - 151
2,4,6-Tribromophenol	40		10 - 120
2-Fluorophenol	67		37 - 125
2-Fluorobiphenyl	72		40 - 109

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-25-WT-S (7.5-9.5)**

Lab Sample ID: 460-30837-20 Date Sampled: 09/09/2011 0945
Client Matrix: Solid % Moisture: 12.2 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86198	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-85882	Lab File ID:	u70140.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/15/2011 1451			Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 1015			Injection Volume:	1 uL

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Degradation product of 2,4,6-Tribromophenol(sur)	8.41	480	J

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-14-VS-S (0.5-1.0)**

Lab Sample ID: 460-30837-21 Date Sampled: 09/09/2011 1000
Client Matrix: Solid % Moisture: 4.0 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86807	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-86534	Lab File ID:	u70311.d
Dilution:	1.0			Initial Weight/Volume:	14.99 g
Analysis Date:	09/21/2011 1039			Final Weight/Volume:	1 mL
Prep Date:	09/19/2011 1200			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		340	U	42	340
2-Chlorophenol		340	U	46	340
2-Methylphenol		340	U	50	340
4-Methylphenol		340	U	56	340
Benzaldehyde		340	U	22	340
Acetophenone		340	U	51	340
Bis(2-chloroethyl)ether		34	U	7.2	34
2,2'-oxybis[1-chloropropane]		340	U	45	340
N-Nitrosodi-n-propylamine		34	U	4.6	34
Nitrobenzene		34	U	7.7	34
Hexachloroethane		34	U	5.8	34
Isophorone		340	U	40	340
2-Nitrophenol		340	U	57	340
2,4-Dimethylphenol		340	U	55	340
2,4-Dichlorophenol		340	U	55	340
Bis(2-chloroethoxy)methane		340	U	49	340
Naphthalene		340	U	50	340
4-Chloroaniline		340	U	43	340
Hexachlorobutadiene		70	U	14	70
Caprolactam		340	U	47	340
4-Chloro-3-methylphenol		340	U	58	340
2-Methylnaphthalene		340	U	50	340
Hexachlorobenzene		34	U	4.8	34
Hexachlorocyclopentadiene		340	U	100	340
2,4,6-Trichlorophenol		340	U	62	340
2,4,5-Trichlorophenol		340	U	66	340
Diphenyl		340	U	57	340
2-Chloronaphthalene		340	U	49	340
2-Nitroaniline		700	U	94	700
2,6-Dinitrotoluene		70	U	8.8	70
Dimethyl phthalate		340	U	47	340
Acenaphthylene		340	U	49	340
3-Nitroaniline		700	U	78	700
Acenaphthene		340	U	49	340
4-Nitrophenol		1000	U	89	1000
2,4-Dinitrophenol		1000	U	73	1000
Dibenzofuran		340	U	52	340
Diethyl phthalate		340	U	46	340
Fluorene		340	U	58	340
Fluoranthene		340	U	57	340
Di-n-butyl phthalate		340	U	53	340
2,4-Dinitrotoluene		70	U	10	70
4-Chlorophenyl phenyl ether		340	U	59	340
4-Nitroaniline		700	U	71	700
4,6-Dinitro-2-methylphenol		1000	U	160	1000
4-Bromophenyl phenyl ether		340	U	61	340

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-14-VS-S (0.5-1.0)**

Lab Sample ID: 460-30837-21 Date Sampled: 09/09/2011 1000
Client Matrix: Solid % Moisture: 4.0 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86807	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-86534	Lab File ID:	u70311.d
Dilution:	1.0			Initial Weight/Volume:	14.99 g
Analysis Date:	09/21/2011 1039			Final Weight/Volume:	1 mL
Prep Date:	09/19/2011 1200			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		340	U	64	340
Anthracene		340	U	61	340
Carbazole		340	U	55	340
Phenanthrene		340	U	60	340
Pentachlorophenol		1000	U	170	1000
Pyrene		340	U	60	340
Chrysene		340	U	50	340
Benzo[k]fluoranthene		34	U	4.8	34
Benzo[g,h,i]perylene		340	U	36	340
Benzo[b]fluoranthene		34	U	5.1	34
Benzo[a]pyrene		34	U	4.2	34
Benzo[a]anthracene		34	U	6.4	34
N-Nitrosodiphenylamine		340	U	56	340
Butyl benzyl phthalate		340	U	40	340
Bis(2-ethylhexyl) phthalate		340	U	46	340
Di-n-octyl phthalate		340	U	41	340
Indeno[1,2,3-cd]pyrene		34	U	5.5	34
Dibenz(a,h)anthracene		34	U	4.1	34
3,3'-Dichlorobenzidine		700	U	76	700
1,2,4,5-Tetrachlorobenzene		340	U *	46	340
2,3,4,6-Tetrachlorophenol		340	U	69	340

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	51		38 - 105
Phenol-d5	63		41 - 118
Terphenyl-d14	80		16 - 151
2,4,6-Tribromophenol	46		10 - 120
2-Fluorophenol	49		37 - 125
2-Fluorobiphenyl	61		40 - 109

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-14-VS-S (0.5-1.0)**

Lab Sample ID: 460-30837-21 Date Sampled: 09/09/2011 1000
Client Matrix: Solid % Moisture: 4.0 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86807	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-86534	Lab File ID:	u70311.d
Dilution:	1.0			Initial Weight/Volume:	14.99 g
Analysis Date:	09/21/2011 1039			Final Weight/Volume:	1 mL
Prep Date:	09/19/2011 1200			Injection Volume:	1 uL

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane	7.62	320	J

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-14-VD-S (2.5-3.0)**

Lab Sample ID: 460-30837-22 Date Sampled: 09/09/2011 1005
Client Matrix: Solid % Moisture: 3.6 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86807	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-86534	Lab File ID:	u70307.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/21/2011 0922			Final Weight/Volume:	1 mL
Prep Date:	09/19/2011 1200			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		340	U	42	340
2-Chlorophenol		340	U	46	340
2-Methylphenol		340	U	49	340
4-Methylphenol		340	U	56	340
Benzaldehyde		340	U	21	340
Acetophenone		340	U	51	340
Bis(2-chloroethyl)ether		34	U	7.1	34
2,2'-oxybis[1-chloropropane]		340	U	45	340
N-Nitrosodi-n-propylamine		34	U	4.5	34
Nitrobenzene		34	U	7.7	34
Hexachloroethane		34	U	5.8	34
Isophorone		340	U	39	340
2-Nitrophenol		340	U	56	340
2,4-Dimethylphenol		340	U	55	340
2,4-Dichlorophenol		340	U	55	340
Bis(2-chloroethoxy)methane		340	U	49	340
Naphthalene		340	U	50	340
4-Chloroaniline		340	U	43	340
Hexachlorobutadiene		69	U	14	69
Caprolactam		340	U	47	340
4-Chloro-3-methylphenol		340	U	58	340
2-Methylnaphthalene		340	U	50	340
Hexachlorobenzene		34	U	4.8	34
Hexachlorocyclopentadiene		340	U	100	340
2,4,6-Trichlorophenol		340	U	61	340
2,4,5-Trichlorophenol		340	U	66	340
Diphenyl		340	U	57	340
2-Chloronaphthalene		340	U	48	340
2-Nitroaniline		690	U	94	690
2,6-Dinitrotoluene		69	U	8.7	69
Dimethyl phthalate		340	U	46	340
Acenaphthylene		340	U	49	340
3-Nitroaniline		690	U	78	690
Acenaphthene		340	U	49	340
4-Nitrophenol		1000	U	88	1000
2,4-Dinitrophenol		1000	U	73	1000
Dibenzofuran		340	U	52	340
Diethyl phthalate		340	U	46	340
Fluorene		340	U	58	340
Fluoranthene		340	U	57	340
Di-n-butyl phthalate		340	U	52	340
2,4-Dinitrotoluene		69	U	10	69
4-Chlorophenyl phenyl ether		340	U	59	340
4-Nitroaniline		690	U	71	690
4,6-Dinitro-2-methylphenol		1000	U	160	1000
4-Bromophenyl phenyl ether		340	U	61	340

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-14-VD-S (2.5-3.0)**

Lab Sample ID: 460-30837-22 Date Sampled: 09/09/2011 1005
Client Matrix: Solid % Moisture: 3.6 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86807	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-86534	Lab File ID:	u70307.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/21/2011 0922			Final Weight/Volume:	1 mL
Prep Date:	09/19/2011 1200			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		340	U	64	340
Anthracene		340	U	61	340
Carbazole		340	U	55	340
Phenanthrene		340	U	60	340
Pentachlorophenol		1000	U	170	1000
Pyrene		340	U	59	340
Chrysene		340	U	50	340
Benzo[k]fluoranthene		34	U	4.8	34
Benzo[g,h,i]perylene		340	U	36	340
Benzo[b]fluoranthene		34	U	5.1	34
Benzo[a]pyrene		34	U	4.2	34
Benzo[a]anthracene		34	U	6.3	34
N-Nitrosodiphenylamine		340	U	56	340
Butyl benzyl phthalate		340	U	40	340
Bis(2-ethylhexyl) phthalate		340	U	46	340
Di-n-octyl phthalate		340	U	41	340
Indeno[1,2,3-cd]pyrene		34	U	5.5	34
Dibenz(a,h)anthracene		34	U	4.1	34
3,3'-Dichlorobenzidine		690	U	76	690
1,2,4,5-Tetrachlorobenzene		340	U *	46	340
2,3,4,6-Tetrachlorophenol		340	U	69	340

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	61		38 - 105
Phenol-d5	71		41 - 118
Terphenyl-d14	85		16 - 151
2,4,6-Tribromophenol	52		10 - 120
2-Fluorophenol	58		37 - 125
2-Fluorobiphenyl	64		40 - 109

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-14-VD-S (2.5-3.0)**

Lab Sample ID: 460-30837-22 Date Sampled: 09/09/2011 1005
Client Matrix: Solid % Moisture: 3.6 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86807	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-86534	Lab File ID:	u70307.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/21/2011 0922			Final Weight/Volume:	1 mL
Prep Date:	09/19/2011 1200			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: 460-30837-1

Client Sample ID: **PMP-14-WT-S (7.0-7.5)**

Lab Sample ID: 460-30837-23 Date Sampled: 09/09/2011 1010
Client Matrix: Solid % Moisture: 11.2 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86807	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-86534	Lab File ID:	u70308.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/21/2011 0941			Final Weight/Volume:	1 mL
Prep Date:	09/19/2011 1200			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		370	U	46	370
2-Chlorophenol		370	U	50	370
2-Methylphenol		370	U	54	370
4-Methylphenol		370	U	61	370
Benzaldehyde		370	U	23	370
Acetophenone		370	U	55	370
Bis(2-chloroethyl)ether		37	U	7.8	37
2,2'-oxybis[1-chloropropane]		370	U	49	370
N-Nitrosodi-n-propylamine		37	U	4.9	37
Nitrobenzene		37	U	8.3	37
Hexachloroethane		37	U	6.3	37
Isophorone		370	U	43	370
2-Nitrophenol		370	U	61	370
2,4-Dimethylphenol		370	U	60	370
2,4-Dichlorophenol		370	U	60	370
Bis(2-chloroethoxy)methane		370	U	53	370
Naphthalene		370	U	55	370
4-Chloroaniline		370	U	47	370
Hexachlorobutadiene		75	U	15	75
Caprolactam		370	U	51	370
4-Chloro-3-methylphenol		370	U	63	370
2-Methylnaphthalene		370	U	54	370
Hexachlorobenzene		37	U	5.2	37
Hexachlorocyclopentadiene		370	U	110	370
2,4,6-Trichlorophenol		370	U	67	370
2,4,5-Trichlorophenol		370	U	72	370
Diphenyl		370	U	61	370
2-Chloronaphthalene		370	U	53	370
2-Nitroaniline		750	U	100	750
2,6-Dinitrotoluene		75	U	9.5	75
Dimethyl phthalate		370	U	50	370
Acenaphthylene		370	U	53	370
3-Nitroaniline		750	U	84	750
Acenaphthene		370	U	53	370
4-Nitrophenol		1100	U	96	1100
2,4-Dinitrophenol		1100	U	79	1100
Dibenzofuran		370	U	56	370
Diethyl phthalate		370	U	50	370
Fluorene		370	U	63	370
Fluoranthene		370	U	62	370
Di-n-butyl phthalate		370	U	57	370
2,4-Dinitrotoluene		75	U	11	75
4-Chlorophenyl phenyl ether		370	U	64	370
4-Nitroaniline		750	U	77	750
4,6-Dinitro-2-methylphenol		1100	U	180	1100
4-Bromophenyl phenyl ether		370	U	66	370

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-14-WT-S (7.0-7.5)**

Lab Sample ID: 460-30837-23 Date Sampled: 09/09/2011 1010
Client Matrix: Solid % Moisture: 11.2 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86807	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-86534	Lab File ID:	u70308.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/21/2011 0941			Final Weight/Volume:	1 mL
Prep Date:	09/19/2011 1200			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		370	U	70	370
Anthracene		370	U	66	370
Carbazole		370	U	59	370
Phenanthrene		370	U	65	370
Pentachlorophenol		1100	U	180	1100
Pyrene		370	U	64	370
Chrysene		370	U	54	370
Benzo[k]fluoranthene		37	U	5.2	37
Benzo[g,h,i]perylene		370	U	39	370
Benzo[b]fluoranthene		37	U	5.5	37
Benzo[a]pyrene		37	U	4.6	37
Benzo[a]anthracene		37	U	6.9	37
N-Nitrosodiphenylamine		370	U	61	370
Butyl benzyl phthalate		370	U	43	370
Bis(2-ethylhexyl) phthalate		370	U	49	370
Di-n-octyl phthalate		370	U	44	370
Indeno[1,2,3-cd]pyrene		37	U	6.0	37
Dibenz(a,h)anthracene		37	U	4.5	37
3,3'-Dichlorobenzidine		750	U	82	750
1,2,4,5-Tetrachlorobenzene		370	U *	50	370
2,3,4,6-Tetrachlorophenol		370	U	75	370

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	48		38 - 105
Phenol-d5	63		41 - 118
Terphenyl-d14	89		16 - 151
2,4,6-Tribromophenol	52		10 - 120
2-Fluorophenol	49		37 - 125
2-Fluorobiphenyl	51		40 - 109

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-14-WT-S (7.0-7.5)**

Lab Sample ID: 460-30837-23 Date Sampled: 09/09/2011 1010
Client Matrix: Solid % Moisture: 11.2 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86807	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-86534	Lab File ID:	u70308.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/21/2011 0941			Final Weight/Volume:	1 mL
Prep Date:	09/19/2011 1200			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **2**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown-1	9.55	670	J
	Unknown-2	10.24	400	J

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-8-VS-S (0.5-1.0)**

Lab Sample ID: 460-30837-24 Date Sampled: 09/09/2011 1015
Client Matrix: Solid % Moisture: 5.6 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86807	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-86534	Lab File ID:	u70312.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/21/2011 1058			Final Weight/Volume:	1 mL
Prep Date:	09/19/2011 1200			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		350	U	43	350
2-Chlorophenol		350	U	47	350
2-Methylphenol		350	U	50	350
4-Methylphenol		350	U	57	350
Benzaldehyde		350	U	22	350
Acetophenone		350	U	52	350
Bis(2-chloroethyl)ether		35	U	7.3	35
2,2'-oxybis[1-chloropropane]		350	U	46	350
N-Nitrosodi-n-propylamine		35	U	4.6	35
Nitrobenzene		35	U	7.8	35
Hexachloroethane		35	U	5.9	35
Isophorone		350	U	40	350
2-Nitrophenol		350	U	58	350
2,4-Dimethylphenol		350	U	56	350
2,4-Dichlorophenol		350	U	56	350
Bis(2-chloroethoxy)methane		350	U	50	350
Naphthalene		350	U	51	350
4-Chloroaniline		350	U	44	350
Hexachlorobutadiene		71	U	14	71
Caprolactam		350	U	48	350
4-Chloro-3-methylphenol		350	U	59	350
2-Methylnaphthalene		350	U	51	350
Hexachlorobenzene		35	U	4.9	35
Hexachlorocyclopentadiene		350	U	100	350
2,4,6-Trichlorophenol		350	U	63	350
2,4,5-Trichlorophenol		350	U	67	350
Diphenyl		350	U	58	350
2-Chloronaphthalene		350	U	49	350
2-Nitroaniline		710	U	96	710
2,6-Dinitrotoluene		71	U	8.9	71
Dimethyl phthalate		350	U	47	350
Acenaphthylene		350	U	50	350
3-Nitroaniline		710	U	79	710
Acenaphthene		350	U	50	350
4-Nitrophenol		1100	U	90	1100
2,4-Dinitrophenol		1100	U	74	1100
Dibenzofuran		350	U	53	350
Diethyl phthalate		350	U	47	350
Fluorene		350	U	59	350
Fluoranthene		350	U	58	350
Di-n-butyl phthalate		350	U	54	350
2,4-Dinitrotoluene		71	U	10	71
4-Chlorophenyl phenyl ether		350	U	60	350
4-Nitroaniline		710	U	72	710
4,6-Dinitro-2-methylphenol		1100	U	170	1100
4-Bromophenyl phenyl ether		350	U	62	350

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-8-VS-S (0.5-1.0)**

Lab Sample ID: 460-30837-24 Date Sampled: 09/09/2011 1015
Client Matrix: Solid % Moisture: 5.6 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86807	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-86534	Lab File ID:	u70312.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/21/2011 1058			Final Weight/Volume:	1 mL
Prep Date:	09/19/2011 1200			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		350	U	65	350
Anthracene		350	U	62	350
Carbazole		350	U	56	350
Phenanthrene		350	U	61	350
Pentachlorophenol		1100	U	170	1100
Pyrene		350	U	60	350
Chrysene		350	U	51	350
Benzo[k]fluoranthene		35	U	4.9	35
Benzo[g,h,i]perylene		350	U	37	350
Benzo[b]fluoranthene		35	U	5.2	35
Benzo[a]pyrene		35	U	4.3	35
Benzo[a]anthracene		35	U	6.5	35
N-Nitrosodiphenylamine		350	U	57	350
Butyl benzyl phthalate		350	U	41	350
Bis(2-ethylhexyl) phthalate		350	U	46	350
Di-n-octyl phthalate		350	U	42	350
Indeno[1,2,3-cd]pyrene		35	U	5.6	35
Dibenz(a,h)anthracene		35	U	4.2	35
3,3'-Dichlorobenzidine		710	U	77	710
1,2,4,5-Tetrachlorobenzene		350	U *	47	350
2,3,4,6-Tetrachlorophenol		350	U	70	350

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	53		38 - 105
Phenol-d5	59		41 - 118
Terphenyl-d14	56		16 - 151
2,4,6-Tribromophenol	24		10 - 120
2-Fluorophenol	46		37 - 125
2-Fluorobiphenyl	72		40 - 109

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-8-VS-S (0.5-1.0)**

Lab Sample ID: 460-30837-24 Date Sampled: 09/09/2011 1015
Client Matrix: Solid % Moisture: 5.6 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86807	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-86534	Lab File ID:	u70312.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/21/2011 1058			Final Weight/Volume:	1 mL
Prep Date:	09/19/2011 1200			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-1	7.36	580	J
	Unknown Alkane-2	7.62	1700	J
	Unknown Alkane-3	7.80	520	J
593-45-3	n-Octadecane	8.05	410	
	Unknown Alkane-5	8.08	2100	J
	Trichloro-1,1-biphenyl isomer-1	8.22	850	J
	Unknown Alkane-6	8.42	330	J
	Trichloro-1,1-biphenyl isomer-2	8.46	1900	J
	Trichloro-1,1-biphenyl isomer-3	8.53	460	J
	Trichloro-1,1-biphenyl isomer-4	8.60	360	J
	Tetrachloro-1,1-biphenyl isomer-1	8.62	420	J
	Tetrachloro-1,1-biphenyl isomer-2	8.73	610	J
	Unknown	8.76	610	J
	Tetrachloro-1,1-biphenyl isomer-3	8.79	350	J
	Tetrachloro-1,1-biphenyl isomer-4	8.89	480	J
	Trichloro-1,1-biphenyl isomer-5	8.96	330	J
	Tetrachloro-1,1-biphenyl isomer-5	8.99	420	J
	Tetrachloro-1,1-biphenyl isomer-6	9.22	500	J
	Unknown Alkane-8	9.24	720	J
	Tetrachloro-1,1-biphenyl isomer-7	9.37	390	J

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-8-VD-S (2.5-3.0)**

Lab Sample ID: 460-30837-25 Date Sampled: 09/09/2011 1020
Client Matrix: Solid % Moisture: 3.7 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86811	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-86534	Lab File ID:	x17943.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/21/2011 1313			Final Weight/Volume:	1 mL
Prep Date:	09/19/2011 1200			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		340	U	42	340
2-Chlorophenol		340	U	46	340
2-Methylphenol		340	U	49	340
4-Methylphenol		340	U	56	340
Benzaldehyde		340	U	21	340
Acetophenone		340	U	51	340
Bis(2-chloroethyl)ether		34	U	7.1	34
2,2'-oxybis[1-chloropropane]		340	U	45	340
N-Nitrosodi-n-propylamine		34	U	4.5	34
Nitrobenzene		34	U	7.7	34
Hexachloroethane		34	U	5.8	34
Isophorone		340	U	39	340
2-Nitrophenol		340	U	56	340
2,4-Dimethylphenol		340	U	55	340
2,4-Dichlorophenol		340	U	55	340
Bis(2-chloroethoxy)methane		340	U	49	340
Naphthalene		340	U	50	340
4-Chloroaniline		340	U	43	340
Hexachlorobutadiene		69	U	14	69
Caprolactam		340	U	47	340
4-Chloro-3-methylphenol		340	U	57	340
2-Methylnaphthalene		340	U	50	340
Hexachlorobenzene		34	U	4.8	34
Hexachlorocyclopentadiene		340	U	100	340
2,4,6-Trichlorophenol		340	U	61	340
2,4,5-Trichlorophenol		340	U	66	340
Diphenyl		340	U	56	340
2-Chloronaphthalene		340	U	48	340
2-Nitroaniline		690	U	94	690
2,6-Dinitrotoluene		69	U	8.7	69
Dimethyl phthalate		340	U	46	340
Acenaphthylene		340	U	49	340
3-Nitroaniline		690	U	77	690
Acenaphthene		340	U	49	340
4-Nitrophenol		1000	U	88	1000
2,4-Dinitrophenol		1000	U	73	1000
Dibenzofuran		340	U	51	340
Diethyl phthalate		340	U	46	340
Fluorene		340	U	58	340
Fluoranthene		340	U	57	340
Di-n-butyl phthalate		340	U	52	340
2,4-Dinitrotoluene		69	U	10	69
4-Chlorophenyl phenyl ether		340	U	59	340
4-Nitroaniline		690	U	71	690
4,6-Dinitro-2-methylphenol		1000	U	160	1000
4-Bromophenyl phenyl ether		340	U	61	340

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-8-VD-S (2.5-3.0)**

Lab Sample ID: 460-30837-25 Date Sampled: 09/09/2011 1020
Client Matrix: Solid % Moisture: 3.7 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86811	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-86534	Lab File ID:	x17943.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/21/2011 1313			Final Weight/Volume:	1 mL
Prep Date:	09/19/2011 1200			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		340	U	64	340
Anthracene		340	U	60	340
Carbazole		340	U	54	340
Phenanthrene		340	U	60	340
Pentachlorophenol		1000	U	170	1000
Pyrene		340	U	59	340
Chrysene		340	U	50	340
Benzo[k]fluoranthene		34	U	4.8	34
Benzo[g,h,i]perylene		340	U	36	340
Benzo[b]fluoranthene		34	U	5.1	34
Benzo[a]pyrene		34	U	4.2	34
Benzo[a]anthracene		34	U	6.3	34
N-Nitrosodiphenylamine		340	U	56	340
Butyl benzyl phthalate		340	U	40	340
Bis(2-ethylhexyl) phthalate		340	U	45	340
Di-n-octyl phthalate		340	U	41	340
Indeno[1,2,3-cd]pyrene		34	U	5.5	34
Dibenz(a,h)anthracene		34	U	4.1	34
3,3'-Dichlorobenzidine		690	U	76	690
1,2,4,5-Tetrachlorobenzene		340	U *	46	340
2,3,4,6-Tetrachlorophenol		340	U	69	340

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	52		38 - 105
Phenol-d5	73		41 - 118
Terphenyl-d14	71		16 - 151
2,4,6-Tribromophenol	70		10 - 120
2-Fluorophenol	55		37 - 125
2-Fluorobiphenyl	55		40 - 109

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-8-VD-S (2.5-3.0)**

Lab Sample ID: 460-30837-25 Date Sampled: 09/09/2011 1020
Client Matrix: Solid % Moisture: 3.7 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86811	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-86534	Lab File ID:	x17943.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/21/2011 1313			Final Weight/Volume:	1 mL
Prep Date:	09/19/2011 1200			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: 460-30837-1

Client Sample ID: **PMP-8-WT-S (7.0-7.5)**

Lab Sample ID: 460-30837-26 Date Sampled: 09/09/2011 1025
Client Matrix: Solid % Moisture: 12.3 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86807	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-86534	Lab File ID:	u70291.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/21/2011 0413			Final Weight/Volume:	1 mL
Prep Date:	09/19/2011 1200			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		380	U	46	380
2-Chlorophenol		380	U	50	380
2-Methylphenol		380	U	54	380
4-Methylphenol		380	U	62	380
Benzaldehyde		380	U	24	380
Acetophenone		380	U	56	380
Bis(2-chloroethyl)ether		38	U	7.8	38
2,2'-oxybis[1-chloropropane]		380	U	49	380
N-Nitrosodi-n-propylamine		38	U	5.0	38
Nitrobenzene		38	U	8.4	38
Hexachloroethane		38	U	6.4	38
Isophorone		380	U	43	380
2-Nitrophenol		380	U	62	380
2,4-Dimethylphenol		380	U	60	380
2,4-Dichlorophenol		380	U	60	380
Bis(2-chloroethoxy)methane		380	U	54	380
Naphthalene		380	U	55	380
4-Chloroaniline		380	U	47	380
Hexachlorobutadiene		76	U	15	76
Caprolactam		380	U	52	380
4-Chloro-3-methylphenol		380	U	63	380
2-Methylnaphthalene		380	U	55	380
Hexachlorobenzene		38	U	5.2	38
Hexachlorocyclopentadiene		380	U	110	380
2,4,6-Trichlorophenol		380	U	67	380
2,4,5-Trichlorophenol		380	U	73	380
Diphenyl		380	U	62	380
2-Chloronaphthalene		380	U	53	380
2-Nitroaniline		760	U	100	760
2,6-Dinitrotoluene		76	U	9.6	76
Dimethyl phthalate		380	U	51	380
Acenaphthylene		380	U	54	380
3-Nitroaniline		760	U	85	760
Acenaphthene		380	U	54	380
4-Nitrophenol		1100	U	97	1100
2,4-Dinitrophenol		1100	U	80	1100
Dibenzofuran		380	U	57	380
Diethyl phthalate		380	U	51	380
Fluorene		380	U	64	380
Fluoranthene		380	U	63	380
Di-n-butyl phthalate		380	U	58	380
2,4-Dinitrotoluene		76	U	11	76
4-Chlorophenyl phenyl ether		380	U	65	380
4-Nitroaniline		760	U	78	760
4,6-Dinitro-2-methylphenol		1100	U	180	1100
4-Bromophenyl phenyl ether		380	U	67	380

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-8-WT-S (7.0-7.5)**

Lab Sample ID: 460-30837-26 Date Sampled: 09/09/2011 1025
Client Matrix: Solid % Moisture: 12.3 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86807	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-86534	Lab File ID:	u70291.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/21/2011 0413			Final Weight/Volume:	1 mL
Prep Date:	09/19/2011 1200			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		380	U	70	380
Anthracene		380	U	66	380
Carbazole		380	U	60	380
Phenanthrene		380	U	66	380
Pentachlorophenol		1100	U	180	1100
Pyrene		380	U	65	380
Chrysene		380	U	55	380
Benzo[k]fluoranthene		38	U	5.3	38
Benzo[g,h,i]perylene		380	U	40	380
Benzo[b]fluoranthene		38	U	5.6	38
Benzo[a]pyrene		38	U	4.6	38
Benzo[a]anthracene		38	U	7.0	38
N-Nitrosodiphenylamine		380	U	61	380
Butyl benzyl phthalate		380	U	44	380
Bis(2-ethylhexyl) phthalate		380	U	50	380
Di-n-octyl phthalate		380	U	45	380
Indeno[1,2,3-cd]pyrene		38	U	6.0	38
Dibenz(a,h)anthracene		38	U	4.5	38
3,3'-Dichlorobenzidine		760	U	83	760
1,2,4,5-Tetrachlorobenzene		380	U *	51	380
2,3,4,6-Tetrachlorophenol		380	U	75	380

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	41		38 - 105
Phenol-d5	55		41 - 118
Terphenyl-d14	70		16 - 151
2,4,6-Tribromophenol	63		10 - 120
2-Fluorophenol	45		37 - 125
2-Fluorobiphenyl	45		40 - 109

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-8-WT-S (7.0-7.5)**

Lab Sample ID: 460-30837-26 Date Sampled: 09/09/2011 1025
Client Matrix: Solid % Moisture: 12.3 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86807	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-86534	Lab File ID:	u70291.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/21/2011 0413			Final Weight/Volume:	1 mL
Prep Date:	09/19/2011 1200			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: 460-30837-1

Client Sample ID: **PMP-4-VS-S (0.5-1.0)**

Lab Sample ID: 460-30837-27 Date Sampled: 09/09/2011 1030
Client Matrix: Solid % Moisture: 7.9 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86811	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-86534	Lab File ID:	x17944.d
Dilution:	2.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/21/2011 1337			Final Weight/Volume:	1 mL
Prep Date:	09/19/2011 1200			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		720	U	88	720
2-Chlorophenol		720	U	96	720
2-Methylphenol		720	U	100	720
4-Methylphenol		720	U	120	720
Benzaldehyde		720	U	45	720
Acetophenone		720	U	110	720
Bis(2-chloroethyl)ether		72	U	15	72
2,2'-oxybis[1-chloropropane]		720	U	94	720
N-Nitrosodi-n-propylamine		72	U	9.5	72
Nitrobenzene		72	U	16	72
Hexachloroethane		72	U	12	72
Isophorone		720	U	82	720
2-Nitrophenol		720	U	120	720
2,4-Dimethylphenol		720	U	110	720
2,4-Dichlorophenol		720	U	110	720
Bis(2-chloroethoxy)methane		720	U	100	720
Naphthalene		720	U	100	720
4-Chloroaniline		720	U	90	720
Hexachlorobutadiene		150	U	29	150
Caprolactam		720	U	98	720
4-Chloro-3-methylphenol		720	U	120	720
2-Methylnaphthalene		720	U	100	720
Hexachlorobenzene		72	U	9.9	72
Hexachlorocyclopentadiene		720	U	210	720
2,4,6-Trichlorophenol		720	U	130	720
2,4,5-Trichlorophenol		720	U	140	720
Diphenyl		720	U	120	720
2-Chloronaphthalene		720	U	100	720
2-Nitroaniline		1500	U	200	1500
2,6-Dinitrotoluene		150	U	18	150
Dimethyl phthalate		720	U	97	720
Acenaphthylene		720	U	100	720
3-Nitroaniline		1500	U	160	1500
Acenaphthene		720	U	100	720
4-Nitrophenol		2200	U	180	2200
2,4-Dinitrophenol		2200	U	150	2200
Dibenzofuran		720	U	110	720
Diethyl phthalate		720	U	96	720
Fluorene		720	U	120	720
Fluoranthene		720	U	120	720
Di-n-butyl phthalate		720	U	110	720
2,4-Dinitrotoluene		150	U	21	150
4-Chlorophenyl phenyl ether		720	U	120	720
4-Nitroaniline		1500	U	150	1500
4,6-Dinitro-2-methylphenol		2200	U	340	2200
4-Bromophenyl phenyl ether		720	U	130	720

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-4-VS-S (0.5-1.0)**

Lab Sample ID: 460-30837-27 Date Sampled: 09/09/2011 1030
Client Matrix: Solid % Moisture: 7.9 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86811	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-86534	Lab File ID:	x17944.d
Dilution:	2.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/21/2011 1337			Final Weight/Volume:	1 mL
Prep Date:	09/19/2011 1200			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		720	U	130	720
Anthracene		720	U	130	720
Carbazole		720	U	110	720
Phenanthrene		720	U	130	720
Pentachlorophenol		2200	U	350	2200
Pyrene		720	U	120	720
Chrysene		720	U	100	720
Benzo[k]fluoranthene		72	U	10	72
Benzo[g,h,i]perylene		720	U	76	720
Benzo[b]fluoranthene		39	J	11	72
Benzo[a]pyrene		17	J	8.8	72
Benzo[a]anthracene		72	U	13	72
N-Nitrosodiphenylamine		720	U	120	720
Butyl benzyl phthalate		720	U	84	720
Bis(2-ethylhexyl) phthalate		170	J	95	720
Di-n-octyl phthalate		720	U	85	720
Indeno[1,2,3-cd]pyrene		28	J	11	72
Dibenz(a,h)anthracene		72	U	8.6	72
3,3'-Dichlorobenzidine		1500	U	160	1500
1,2,4,5-Tetrachlorobenzene		720	U *	96	720
2,3,4,6-Tetrachlorophenol		720	U	140	720

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	38		38 - 105
Phenol-d5	48		41 - 118
Terphenyl-d14	88		16 - 151
2,4,6-Tribromophenol	58		10 - 120
2-Fluorophenol	42		37 - 125
2-Fluorobiphenyl	57		40 - 109

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-4-VS-S (0.5-1.0)**

Lab Sample ID: 460-30837-27 Date Sampled: 09/09/2011 1030
Client Matrix: Solid % Moisture: 7.9 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86811	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-86534	Lab File ID:	x17944.d
Dilution:	2.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/21/2011 1337			Final Weight/Volume:	1 mL
Prep Date:	09/19/2011 1200			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Trichloro-1,1-biphenyl isomer-2	8.32	3800	J
	Unknown-1	8.33	2600	J
	Trichloro-1,1-biphenyl isomer-4	8.48	3900	J
	Trichloro-1,1-biphenyl isomer-5	8.73	8900	J
	Tetrachloro-1,1-biphenyl isomer-1	8.79	1800	J
	Trichloro-1,1-biphenyl isomer-6	8.86	2700	J
	Tetrachloro-1,1-biphenyl isomer-3	8.99	4100	J
	Tetrachloro-1,1-biphenyl isomer-4	9.03	3300	J
	Tetrachloro-1,1-biphenyl isomer-5	9.05	2500	J
	Tetrachloro-1,1-biphenyl isomer-6	9.16	4100	J
	Unknown-2	9.18	1800	J
	Trichloro-1,1-biphenyl isomer-7	9.21	1900	J
	Tetrachloro-1,1-biphenyl isomer-7	9.24	1700	J
	Tetrachloro-1,1-biphenyl isomer-8	9.26	3100	J
	Tetrachloro-1,1-biphenyl isomer-10	9.45	2300	J
	Tetrachloro-1,1-biphenyl isomer-11	9.48	2900	J
	Tetrachloro-1,1-biphenyl isomer-12	9.50	4700	J
	Tetrachloro-1,1-biphenyl isomer-13	9.63	3400	J
	Pentachloro-1,1"-biphenyl isomer-1	9.67	1500	J
	Pentachloro-1,1"-biphenyl isomer-2	9.95	3000	J

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-4-VD-S (2.5-3.0)**

Lab Sample ID: 460-30837-28 Date Sampled: 09/09/2011 1035
Client Matrix: Solid % Moisture: 4.0 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86807	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-86534	Lab File ID:	u70292.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/21/2011 0432			Final Weight/Volume:	1 mL
Prep Date:	09/19/2011 1200			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		340	U	42	340
2-Chlorophenol		340	U	46	340
2-Methylphenol		340	U	50	340
4-Methylphenol		340	U	56	340
Benzaldehyde		340	U	22	340
Acetophenone		340	U	51	340
Bis(2-chloroethyl)ether		34	U	7.2	34
2,2'-oxybis[1-chloropropane]		340	U	45	340
N-Nitrosodi-n-propylamine		34	U	4.5	34
Nitrobenzene		34	U	7.7	34
Hexachloroethane		34	U	5.8	34
Isophorone		340	U	40	340
2-Nitrophenol		340	U	57	340
2,4-Dimethylphenol		340	U	55	340
2,4-Dichlorophenol		340	U	55	340
Bis(2-chloroethoxy)methane		340	U	49	340
Naphthalene		340	U	50	340
4-Chloroaniline		340	U	43	340
Hexachlorobutadiene		70	U	14	70
Caprolactam		340	U	47	340
4-Chloro-3-methylphenol		340	U	58	340
2-Methylnaphthalene		340	U	50	340
Hexachlorobenzene		34	U	4.8	34
Hexachlorocyclopentadiene		340	U	100	340
2,4,6-Trichlorophenol		340	U	62	340
2,4,5-Trichlorophenol		340	U	66	340
Diphenyl		340	U	57	340
2-Chloronaphthalene		340	U	49	340
2-Nitroaniline		700	U	94	700
2,6-Dinitrotoluene		70	U	8.8	70
Dimethyl phthalate		340	U	47	340
Acenaphthylene		340	U	49	340
3-Nitroaniline		700	U	78	700
Acenaphthene		340	U	49	340
4-Nitrophenol		1000	U	88	1000
2,4-Dinitrophenol		1000	U	73	1000
Dibenzofuran		340	U	52	340
Diethyl phthalate		340	U	46	340
Fluorene		340	U	58	340
Fluoranthene		340	U	57	340
Di-n-butyl phthalate		340	U	53	340
2,4-Dinitrotoluene		70	U	10	70
4-Chlorophenyl phenyl ether		340	U	59	340
4-Nitroaniline		700	U	71	700
4,6-Dinitro-2-methylphenol		1000	U	160	1000
4-Bromophenyl phenyl ether		340	U	61	340

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-4-VD-S (2.5-3.0)**

Lab Sample ID: 460-30837-28 Date Sampled: 09/09/2011 1035
Client Matrix: Solid % Moisture: 4.0 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86807	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-86534	Lab File ID:	u70292.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/21/2011 0432			Final Weight/Volume:	1 mL
Prep Date:	09/19/2011 1200			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		340	U	64	340
Anthracene		340	U	61	340
Carbazole		340	U	55	340
Phenanthrene		340	U	60	340
Pentachlorophenol		1000	U	170	1000
Pyrene		340	U	60	340
Chrysene		340	U	50	340
Benzo[k]fluoranthene		34	U	4.8	34
Benzo[g,h,i]perylene		340	U	36	340
Benzo[b]fluoranthene		34	U	5.1	34
Benzo[a]pyrene		34	U	4.2	34
Benzo[a]anthracene		34	U	6.4	34
N-Nitrosodiphenylamine		340	U	56	340
Butyl benzyl phthalate		340	U	40	340
Bis(2-ethylhexyl) phthalate		340	U	46	340
Di-n-octyl phthalate		340	U	41	340
Indeno[1,2,3-cd]pyrene		34	U	5.5	34
Dibenz(a,h)anthracene		34	U	4.1	34
3,3'-Dichlorobenzidine		700	U	76	700
1,2,4,5-Tetrachlorobenzene		340	U *	46	340
2,3,4,6-Tetrachlorophenol		340	U	69	340

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	56		38 - 105
Phenol-d5	62		41 - 118
Terphenyl-d14	61		16 - 151
2,4,6-Tribromophenol	55		10 - 120
2-Fluorophenol	53		37 - 125
2-Fluorobiphenyl	55		40 - 109

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-4-VD-S (2.5-3.0)**

Lab Sample ID: 460-30837-28 Date Sampled: 09/09/2011 1035
Client Matrix: Solid % Moisture: 4.0 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86807	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-86534	Lab File ID:	u70292.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/21/2011 0432			Final Weight/Volume:	1 mL
Prep Date:	09/19/2011 1200			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: 460-30837-1

Client Sample ID: **PMP-4-WT-S (7.0-7.5)**

Lab Sample ID: 460-30837-29 Date Sampled: 09/09/2011 1040
Client Matrix: Solid % Moisture: 12.9 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86807	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-86534	Lab File ID:	u70293.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/21/2011 0451			Final Weight/Volume:	1 mL
Prep Date:	09/19/2011 1200			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		380	U	46	380
2-Chlorophenol		380	U	51	380
2-Methylphenol		380	U	55	380
4-Methylphenol		380	U	62	380
Benzaldehyde		380	U	24	380
Acetophenone		380	U	56	380
Bis(2-chloroethyl)ether		38	U	7.9	38
2,2'-oxybis[1-chloropropane]		380	U	50	380
N-Nitrosodi-n-propylamine		38	U	5.0	38
Nitrobenzene		38	U	8.5	38
Hexachloroethane		38	U	6.4	38
Isophorone		380	U	44	380
2-Nitrophenol		380	U	62	380
2,4-Dimethylphenol		380	U	61	380
2,4-Dichlorophenol		380	U	61	380
Bis(2-chloroethoxy)methane		380	U	54	380
Naphthalene		380	U	56	380
4-Chloroaniline		380	U	48	380
Hexachlorobutadiene		77	U	15	77
Caprolactam		380	U	52	380
4-Chloro-3-methylphenol		380	U	64	380
2-Methylnaphthalene		380	U	55	380
Hexachlorobenzene		38	U	5.3	38
Hexachlorocyclopentadiene		380	U	110	380
2,4,6-Trichlorophenol		380	U	68	380
2,4,5-Trichlorophenol		380	U	73	380
Diphenyl		380	U	63	380
2-Chloronaphthalene		380	U	54	380
2-Nitroaniline		770	U	100	770
2,6-Dinitrotoluene		77	U	9.6	77
Dimethyl phthalate		380	U	51	380
Acenaphthylene		380	U	54	380
3-Nitroaniline		770	U	86	770
Acenaphthene		380	U	54	380
4-Nitrophenol		1100	U	98	1100
2,4-Dinitrophenol		1100	U	81	1100
Dibenzofuran		380	U	57	380
Diethyl phthalate		380	U	51	380
Fluorene		380	U	64	380
Fluoranthene		380	U	63	380
Di-n-butyl phthalate		380	U	58	380
2,4-Dinitrotoluene		77	U	11	77
4-Chlorophenyl phenyl ether		380	U	65	380
4-Nitroaniline		770	U	78	770
4,6-Dinitro-2-methylphenol		1100	U	180	1100
4-Bromophenyl phenyl ether		380	U	68	380

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-4-WT-S (7.0-7.5)**

Lab Sample ID: 460-30837-29 Date Sampled: 09/09/2011 1040
Client Matrix: Solid % Moisture: 12.9 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86807	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-86534	Lab File ID:	u70293.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/21/2011 0451			Final Weight/Volume:	1 mL
Prep Date:	09/19/2011 1200			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		380	U	71	380
Anthracene		380	U	67	380
Carbazole		380	U	60	380
Phenanthrene		380	U	66	380
Pentachlorophenol		1100	U	190	1100
Pyrene		380	U	66	380
Chrysene		380	U	55	380
Benzo[k]fluoranthene		38	U	5.3	38
Benzo[g,h,i]perylene		380	U	40	380
Benzo[b]fluoranthene		38	U	5.6	38
Benzo[a]pyrene		38	U	4.7	38
Benzo[a]anthracene		38	U	7.0	38
N-Nitrosodiphenylamine		380	U	62	380
Butyl benzyl phthalate		380	U	44	380
Bis(2-ethylhexyl) phthalate		380	U	50	380
Di-n-octyl phthalate		380	U	45	380
Indeno[1,2,3-cd]pyrene		38	U	6.1	38
Dibenz(a,h)anthracene		38	U	4.6	38
3,3'-Dichlorobenzidine		770	U	84	770
1,2,4,5-Tetrachlorobenzene		380	U *	51	380
2,3,4,6-Tetrachlorophenol		380	U	76	380

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	52		38 - 105
Phenol-d5	60		41 - 118
Terphenyl-d14	65		16 - 151
2,4,6-Tribromophenol	54		10 - 120
2-Fluorophenol	53		37 - 125
2-Fluorobiphenyl	50		40 - 109

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-4-WT-S (7.0-7.5)**

Lab Sample ID: 460-30837-29 Date Sampled: 09/09/2011 1040
Client Matrix: Solid % Moisture: 12.9 Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86807	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-86534	Lab File ID:	u70293.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/21/2011 0451			Final Weight/Volume:	1 mL
Prep Date:	09/19/2011 1200			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: 460-30837-1

Client Sample ID: **FB_090811**

Lab Sample ID: 460-30837-30FB Date Sampled: 09/08/2011 1400
Client Matrix: Water Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86052	Instrument ID:	BNAMS11
Prep Method:	3510C	Prep Batch:	460-85863	Lab File ID:	z19818.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	09/14/2011 0825			Final Weight/Volume:	2 mL
Prep Date:	09/13/2011 0753			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Phenol	10	U	0.81	10
2-Chlorophenol	10	U	2.2	10
2-Methylphenol	10	U	1.8	10
4-Methylphenol	10	U	1.6	10
Benzaldehyde	10	U *	2.0	10
Acetophenone	10	U	2.7	10
Bis(2-chloroethyl)ether	1.0	U	0.28	1.0
2,2'-oxybis[1-chloropropane]	10	U	2.0	10
N-Nitrosodi-n-propylamine	1.0	U	0.25	1.0
Nitrobenzene	1.0	U	0.30	1.0
Hexachloroethane	1.0	U	0.25	1.0
Isophorone	10	U	2.7	10
2-Nitrophenol	10	U	2.4	10
2,4-Dimethylphenol	10	U	3.4	10
2,4-Dichlorophenol	10	U	2.6	10
Bis(2-chloroethoxy)methane	10	U	2.6	10
Naphthalene	10	U	2.7	10
4-Chloroaniline	10	U	2.0	10
Hexachlorobutadiene	2.0	U	0.57	2.0
Caprolactam	10	U	2.5	10
4-Chloro-3-methylphenol	10	U	2.5	10
2-Methylnaphthalene	10	U	3.0	10
Hexachlorobenzene	1.0	U	0.29	1.0
Hexachlorocyclopentadiene	10	U	1.7	10
2,4,6-Trichlorophenol	10	U	2.4	10
2,4,5-Trichlorophenol	10	U	2.6	10
Diphenyl	10	U	2.8	10
2-Chloronaphthalene	10	U	2.7	10
2-Nitroaniline	20	U	4.9	20
2,6-Dinitrotoluene	2.0	U	0.61	2.0
Dimethyl phthalate	10	U	2.8	10
Acenaphthylene	10	U	2.7	10
3-Nitroaniline	20	U	5.0	20
Acenaphthene	10	U	2.7	10
4-Nitrophenol	30	U	6.7	30
2,4-Dinitrophenol	30	U	5.4	30
Dibenzofuran	10	U	2.8	10
Diethyl phthalate	10	U	2.9	10
Fluorene	10	U	2.8	10
Fluoranthene	10	U	3.2	10
Di-n-butyl phthalate	10	U	2.9	10
2,4-Dinitrotoluene	2.0	U	0.47	2.0
4-Chlorophenyl phenyl ether	10	U	2.5	10
4-Nitroaniline	20	U	5.8	20
4,6-Dinitro-2-methylphenol	30	U	4.7	30
4-Bromophenyl phenyl ether	10	U	2.5	10

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **FB_090811**

Lab Sample ID: 460-30837-30FB Date Sampled: 09/08/2011 1400
Client Matrix: Water Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86052	Instrument ID:	BNAMS11
Prep Method:	3510C	Prep Batch:	460-85863	Lab File ID:	z19818.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	09/14/2011 0825			Final Weight/Volume:	2 mL
Prep Date:	09/13/2011 0753			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Atrazine	10	U	3.0	10
Anthracene	10	U	2.8	10
Carbazole	10	U	3.2	10
Phenanthrene	10	U	3.1	10
Pentachlorophenol	30	U	5.3	30
Pyrene	10	U	2.9	10
Chrysene	10	U	3.1	10
Benzo[k]fluoranthene	1.0	U	0.26	1.0
Benzo[g,h,i]perylene	10	U	2.0	10
Benzo[b]fluoranthene	1.0	U	0.26	1.0
Benzo[a]pyrene	1.0	U	0.14	1.0
Benzo[a]anthracene	1.0	U	0.27	1.0
N-Nitrosodiphenylamine	10	U	2.9	10
Butyl benzyl phthalate	10	U	2.5	10
Bis(2-ethylhexyl) phthalate	10	U	2.0	10
Di-n-octyl phthalate	10	U	1.5	10
Indeno[1,2,3-cd]pyrene	1.0	U	0.15	1.0
Dibenz(a,h)anthracene	1.0	U	0.090	1.0
3,3'-Dichlorobenzidine	20	U	4.9	20
1,2,4,5-Tetrachlorobenzene	10	U	2.6	10
2,3,4,6-Tetrachlorophenol	10	U	2.5	10

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **FB_090811**

Lab Sample ID: 460-30837-30FB Date Sampled: 09/08/2011 1400
Client Matrix: Water Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86052	Instrument ID:	BNAMS11
Prep Method:	3510C	Prep Batch:	460-85863	Lab File ID:	z19818.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	09/14/2011 0825			Final Weight/Volume:	2 mL
Prep Date:	09/13/2011 0753			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: 460-30837-1

Client Sample ID: **FB_090911**

Lab Sample ID: 460-30837-31 Date Sampled: 09/09/2011 0745
Client Matrix: Water Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86052	Instrument ID:	BNAMS11
Prep Method:	3510C	Prep Batch:	460-85863	Lab File ID:	z19819.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	09/14/2011 0850			Final Weight/Volume:	2 mL
Prep Date:	09/13/2011 0753			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Phenol	10	U	0.81	10
2-Chlorophenol	10	U	2.2	10
2-Methylphenol	10	U	1.8	10
4-Methylphenol	10	U	1.6	10
Benzaldehyde	10	U *	2.0	10
Acetophenone	10	U	2.7	10
Bis(2-chloroethyl)ether	1.0	U	0.28	1.0
2,2'-oxybis[1-chloropropane]	10	U	2.0	10
N-Nitrosodi-n-propylamine	1.0	U	0.25	1.0
Nitrobenzene	1.0	U	0.30	1.0
Hexachloroethane	1.0	U	0.25	1.0
Isophorone	10	U	2.7	10
2-Nitrophenol	10	U	2.4	10
2,4-Dimethylphenol	10	U	3.4	10
2,4-Dichlorophenol	10	U	2.6	10
Bis(2-chloroethoxy)methane	10	U	2.6	10
Naphthalene	10	U	2.7	10
4-Chloroaniline	10	U	2.0	10
Hexachlorobutadiene	2.0	U	0.57	2.0
Caprolactam	10	U	2.5	10
4-Chloro-3-methylphenol	10	U	2.5	10
2-Methylnaphthalene	10	U	3.0	10
Hexachlorobenzene	1.0	U	0.29	1.0
Hexachlorocyclopentadiene	10	U	1.7	10
2,4,6-Trichlorophenol	10	U	2.4	10
2,4,5-Trichlorophenol	10	U	2.6	10
Diphenyl	10	U	2.8	10
2-Chloronaphthalene	10	U	2.7	10
2-Nitroaniline	20	U	4.9	20
2,6-Dinitrotoluene	2.0	U	0.61	2.0
Dimethyl phthalate	10	U	2.8	10
Acenaphthylene	10	U	2.7	10
3-Nitroaniline	20	U	5.0	20
Acenaphthene	10	U	2.7	10
4-Nitrophenol	30	U	6.7	30
2,4-Dinitrophenol	30	U	5.4	30
Dibenzofuran	10	U	2.8	10
Diethyl phthalate	10	U	2.9	10
Fluorene	10	U	2.8	10
Fluoranthene	10	U	3.2	10
Di-n-butyl phthalate	10	U	2.9	10
2,4-Dinitrotoluene	2.0	U	0.47	2.0
4-Chlorophenyl phenyl ether	10	U	2.5	10
4-Nitroaniline	20	U	5.8	20
4,6-Dinitro-2-methylphenol	30	U	4.7	30
4-Bromophenyl phenyl ether	10	U	2.5	10

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **FB_090911**

Lab Sample ID: 460-30837-31 Date Sampled: 09/09/2011 0745
Client Matrix: Water Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86052	Instrument ID:	BNAMS11
Prep Method:	3510C	Prep Batch:	460-85863	Lab File ID:	z19819.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	09/14/2011 0850			Final Weight/Volume:	2 mL
Prep Date:	09/13/2011 0753			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Atrazine	10	U	3.0	10
Anthracene	10	U	2.8	10
Carbazole	10	U	3.2	10
Phenanthrene	10	U	3.1	10
Pentachlorophenol	30	U	5.3	30
Pyrene	10	U	2.9	10
Chrysene	10	U	3.1	10
Benzo[k]fluoranthene	1.0	U	0.26	1.0
Benzo[g,h,i]perylene	10	U	2.0	10
Benzo[b]fluoranthene	1.0	U	0.26	1.0
Benzo[a]pyrene	1.0	U	0.14	1.0
Benzo[a]anthracene	1.0	U	0.27	1.0
N-Nitrosodiphenylamine	10	U	2.9	10
Butyl benzyl phthalate	10	U	2.5	10
Bis(2-ethylhexyl) phthalate	10	U	2.0	10
Di-n-octyl phthalate	10	U	1.5	10
Indeno[1,2,3-cd]pyrene	1.0	U	0.15	1.0
Dibenz(a,h)anthracene	1.0	U	0.090	1.0
3,3'-Dichlorobenzidine	20	U	4.9	20
1,2,4,5-Tetrachlorobenzene	10	U	2.6	10
2,3,4,6-Tetrachlorophenol	10	U	2.5	10

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **FB_090911**

Lab Sample ID: 460-30837-31 Date Sampled: 09/09/2011 0745
Client Matrix: Water Date Received: 09/09/2011 1410

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-86052	Instrument ID:	BNAMS11
Prep Method:	3510C	Prep Batch:	460-85863	Lab File ID:	z19819.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	09/14/2011 0850			Final Weight/Volume:	2 mL
Prep Date:	09/13/2011 0753			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: 460-30837-1

Client Sample ID: **PMP-2-VD-S (3.5-4.0)**

Lab Sample ID: 460-30837-1 Date Sampled: 09/08/2011 1615
Client Matrix: Solid % Moisture: 6.1 Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-86732	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-85952	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/15/2011 1124			Injection Volume:	
Prep Date:	09/14/2011 0457			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		71	U	14	71
Aroclor 1221		71	U	21	71
Aroclor 1232		71	U	40	71
Aroclor 1242		71	U	14	71
Aroclor 1248		71	U	19	71
Aroclor 1254		71	U	24	71
Aroclor 1260		71	U	8.0	71
Aroclor 1262		71	U	12	71
Aroclor 1268		71	U	12	71

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	117		30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-2-VD-S (3.5-4.0)**

Lab Sample ID: 460-30837-1 Date Sampled: 09/08/2011 1615
Client Matrix: Solid % Moisture: 6.1 Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-86732	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-85952	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/15/2011 1124			Injection Volume:	
Prep Date:	09/14/2011 0457			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	115		30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-2-WT-S (8.0-8.5)**

Lab Sample ID: 460-30837-2 Date Sampled: 09/08/2011 1620
Client Matrix: Solid % Moisture: 12.5 Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-86731	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-85952	Initial Weight/Volume:	15.00 g
Dilution:	100			Final Weight/Volume:	10 mL
Analysis Date:	09/20/2011 0252			Injection Volume:	
Prep Date:	09/14/2011 0457			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		7700	U	1500	7700
Aroclor 1221		7700	U	2300	7700
Aroclor 1232		7700	U	4300	7700
Aroclor 1242		160000		1500	7700
Aroclor 1248		7700	U	2000	7700
Aroclor 1254		7700	U	2600	7700
Aroclor 1260		7700	U	850	7700
Aroclor 1262		7700	U	1300	7700
Aroclor 1268		7700	U	1300	7700

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-2-WT-S (8.0-8.5)**

Lab Sample ID: 460-30837-2 Date Sampled: 09/08/2011 1620
Client Matrix: Solid % Moisture: 12.5 Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-86731	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-85952	Initial Weight/Volume:	15.00 g
Dilution:	100			Final Weight/Volume:	10 mL
Analysis Date:	09/20/2011 0252			Injection Volume:	
Prep Date:	09/14/2011 0457			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-2-SI-S (10.5-11.0)**

Lab Sample ID: 460-30837-3 Date Sampled: 09/08/2011 1625
Client Matrix: Solid % Moisture: 15.2 Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-86731	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-85952	Initial Weight/Volume:	15.00 g
Dilution:	100			Final Weight/Volume:	10 mL
Analysis Date:	09/20/2011 0308			Injection Volume:	
Prep Date:	09/14/2011 0457			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		7900	U	1500	7900
Aroclor 1221		7900	U	2400	7900
Aroclor 1232		7900	U	4500	7900
Aroclor 1242		170000		1500	7900
Aroclor 1248		7900	U	2100	7900
Aroclor 1254		7900	U	2700	7900
Aroclor 1260		7900	U	880	7900
Aroclor 1262		7900	U	1400	7900
Aroclor 1268		7900	U	1400	7900

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-2-SI-S (10.5-11.0)**

Lab Sample ID: 460-30837-3 Date Sampled: 09/08/2011 1625
Client Matrix: Solid % Moisture: 15.2 Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-86731	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-85952	Initial Weight/Volume:	15.00 g
Dilution:	100			Final Weight/Volume:	10 mL
Analysis Date:	09/20/2011 0308			Injection Volume:	
Prep Date:	09/14/2011 0457			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-24-VS-S (1-3)**

Lab Sample ID: 460-30837-4 Date Sampled: 09/08/2011 1640
Client Matrix: Solid % Moisture: 6.7 Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-86737	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-85952	Initial Weight/Volume:	15.00 g
Dilution:	5000			Final Weight/Volume:	10 mL
Analysis Date:	09/20/2011 2317			Injection Volume:	
Prep Date:	09/14/2011 0457			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		360000	U	69000	360000
Aroclor 1221		360000	U	110000	360000
Aroclor 1232		360000	U	200000	360000
Aroclor 1242		7100000		68000	360000
Aroclor 1248		360000	U	95000	360000
Aroclor 1254		360000	U	120000	360000
Aroclor 1260		360000	U	40000	360000
Aroclor 1262		360000	U	62000	360000
Aroclor 1268		360000	U	62000	360000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-24-VS-S (1-3)**

Lab Sample ID: 460-30837-4 Date Sampled: 09/08/2011 1640
Client Matrix: Solid % Moisture: 6.7 Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-86737	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-85952	Initial Weight/Volume:	15.00 g
Dilution:	5000			Final Weight/Volume:	10 mL
Analysis Date:	09/20/2011 2317			Injection Volume:	
Prep Date:	09/14/2011 0457			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-24-VD-S (4.5-6.0)**

Lab Sample ID: 460-30837-5 Date Sampled: 09/08/2011 1645
Client Matrix: Solid % Moisture: 9.7 Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-86737	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-85952	Initial Weight/Volume:	15.00 g
Dilution:	5000			Final Weight/Volume:	10 mL
Analysis Date:	09/21/2011 0109			Injection Volume:	
Prep Date:	09/14/2011 0457			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		370000	U	71000	370000
Aroclor 1221		370000	U	110000	370000
Aroclor 1232		370000	U	210000	370000
Aroclor 1242		5400000		70000	370000
Aroclor 1248		370000	U	99000	370000
Aroclor 1254		370000	U	130000	370000
Aroclor 1260		370000	U	41000	370000
Aroclor 1262		370000	U	64000	370000
Aroclor 1268		370000	U	64000	370000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-24-VD-S (4.5-6.0)**

Lab Sample ID: 460-30837-5 Date Sampled: 09/08/2011 1645
Client Matrix: Solid % Moisture: 9.7 Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-86737	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-85952	Initial Weight/Volume:	15.00 g
Dilution:	5000			Final Weight/Volume:	10 mL
Analysis Date:	09/21/2011 0109			Injection Volume:	
Prep Date:	09/14/2011 0457			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-24-WT-S (6.5-8.5)**

Lab Sample ID: 460-30837-6 Date Sampled: 09/08/2011 1655
Client Matrix: Solid % Moisture: 14.1 Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-86737	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-85952	Initial Weight/Volume:	15.00 g
Dilution:	5000			Final Weight/Volume:	10 mL
Analysis Date:	09/20/2011 2349			Injection Volume:	
Prep Date:	09/14/2011 0457			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		390000	U	74000	390000
Aroclor 1221		390000	U	120000	390000
Aroclor 1232		390000	U	220000	390000
Aroclor 1242		5700000		74000	390000
Aroclor 1248		390000	U	100000	390000
Aroclor 1254		390000	U	130000	390000
Aroclor 1260		390000	U	44000	390000
Aroclor 1262		390000	U	67000	390000
Aroclor 1268		390000	U	67000	390000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-24-WT-S (6.5-8.5)**

Lab Sample ID: 460-30837-6 Date Sampled: 09/08/2011 1655
Client Matrix: Solid % Moisture: 14.1 Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-86737	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-85952	Initial Weight/Volume:	15.00 g
Dilution:	5000			Final Weight/Volume:	10 mL
Analysis Date:	09/20/2011 2349			Injection Volume:	
Prep Date:	09/14/2011 0457			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-24-SI-S (10.5-12.5)**

Lab Sample ID: 460-30837-7 Date Sampled: 09/08/2011 1705
Client Matrix: Solid % Moisture: 13.4 Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-86731	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-85952	Initial Weight/Volume:	15.01 g
Dilution:	500			Final Weight/Volume:	10 mL
Analysis Date:	09/20/2011 0411			Injection Volume:	
Prep Date:	09/14/2011 0457			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		39000	U	7400	39000
Aroclor 1221		39000	U	12000	39000
Aroclor 1232		39000	U	22000	39000
Aroclor 1242		830000		7300	39000
Aroclor 1248		39000	U	10000	39000
Aroclor 1254		39000	U	13000	39000
Aroclor 1260		39000	U	4300	39000
Aroclor 1262		39000	U	6600	39000
Aroclor 1268		39000	U	6600	39000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-24-SI-S (10.5-12.5)**

Lab Sample ID: 460-30837-7 Date Sampled: 09/08/2011 1705
Client Matrix: Solid % Moisture: 13.4 Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-86731	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-85952	Initial Weight/Volume:	15.01 g
Dilution:	500			Final Weight/Volume:	10 mL
Analysis Date:	09/20/2011 0411			Injection Volume:	
Prep Date:	09/14/2011 0457			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-22-VS-S (1.5-2.0)**

Lab Sample ID: 460-30837-8 Date Sampled: 09/08/2011 1725
Client Matrix: Solid % Moisture: 5.7 Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-86731	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-85952	Initial Weight/Volume:	15.05 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	09/20/2011 0427			Injection Volume:	
Prep Date:	09/14/2011 0457			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		710	U	140	710
Aroclor 1221		710	U	210	710
Aroclor 1232		710	U	400	710
Aroclor 1242		710	U	130	710
Aroclor 1248		12000		190	710
Aroclor 1254		710	U	240	710
Aroclor 1260		710	U	79	710
Aroclor 1262		710	U	120	710
Aroclor 1268		710	U	120	710

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-22-VS-S (1.5-2.0)**

Lab Sample ID: 460-30837-8 Date Sampled: 09/08/2011 1725
Client Matrix: Solid % Moisture: 5.7 Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-86731	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-85952	Initial Weight/Volume:	15.05 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	09/20/2011 0427			Injection Volume:	
Prep Date:	09/14/2011 0457			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-22-VD-S (3.5-5.0)**

Lab Sample ID: 460-30837-9 Date Sampled: 09/08/2011 1730
Client Matrix: Solid % Moisture: 5.2 Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-86732	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-85952	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/15/2011 1330			Injection Volume:	
Prep Date:	09/14/2011 0457			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		70	U	13	70
Aroclor 1221		70	U	21	70
Aroclor 1232		70	U	40	70
Aroclor 1242		1400		13	70
Aroclor 1248		70	U	19	70
Aroclor 1254		70	U	24	70
Aroclor 1260		70	U	7.9	70
Aroclor 1262		70	U	12	70
Aroclor 1268		70	U	12	70

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	132		30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-22-VD-S (3.5-5.0)**

Lab Sample ID: 460-30837-9 Date Sampled: 09/08/2011 1730
Client Matrix: Solid % Moisture: 5.2 Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-86732	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-85952	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/15/2011 1330			Injection Volume:	
Prep Date:	09/14/2011 0457			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	121		30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-22-WT-S (7.0-8.5)**

Lab Sample ID: 460-30837-10 Date Sampled: 09/08/2011 1735
Client Matrix: Solid % Moisture: 16.2 Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-86732	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-85952	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/15/2011 1346			Injection Volume:	
Prep Date:	09/14/2011 0457			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		80	U	15	80
Aroclor 1221		80	U	24	80
Aroclor 1232		80	U	45	80
Aroclor 1242		590		15	80
Aroclor 1248		80	U	21	80
Aroclor 1254		80	U	27	80
Aroclor 1260		80	U	8.9	80
Aroclor 1262		80	U	14	80
Aroclor 1268		80	U	14	80

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	101		30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-22-WT-S (7.0-8.5)**

Lab Sample ID: 460-30837-10 Date Sampled: 09/08/2011 1735
Client Matrix: Solid % Moisture: 16.2 Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-86732	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-85952	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/15/2011 1346			Injection Volume:	
Prep Date:	09/14/2011 0457			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	91		30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-23-VS-S (1-3)**

Lab Sample ID: 460-30837-11 Date Sampled: 09/08/2011 1740
Client Matrix: Solid % Moisture: 4.7 Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-86732	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-85952	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/15/2011 1402			Injection Volume:	
Prep Date:	09/14/2011 0457			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		70	U	13	70
Aroclor 1221		70	U	21	70
Aroclor 1232		70	U	40	70
Aroclor 1242		70	U	13	70
Aroclor 1248		1000		19	70
Aroclor 1254		70	U	24	70
Aroclor 1260		70	U	7.8	70
Aroclor 1262		70	U	12	70
Aroclor 1268		70	U	12	70

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	133		30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-23-VS-S (1-3)**

Lab Sample ID: 460-30837-11 Date Sampled: 09/08/2011 1740
Client Matrix: Solid % Moisture: 4.7 Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-86732	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-85952	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/15/2011 1402			Injection Volume:	
Prep Date:	09/14/2011 0457			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	124		30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-23-WT-S (6.5-8.5)**

Lab Sample ID: 460-30837-12 Date Sampled: 09/08/2011 1750
Client Matrix: Solid % Moisture: 12.2 Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-86732	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-85952	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/15/2011 1418			Injection Volume:	
Prep Date:	09/14/2011 0457			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		76	U	15	76
Aroclor 1221		76	U	23	76
Aroclor 1232		76	U	43	76
Aroclor 1242		76	U	14	76
Aroclor 1248		160		20	76
Aroclor 1254		76	U	26	76
Aroclor 1260		76	U	8.5	76
Aroclor 1262		76	U	13	76
Aroclor 1268		76	U	13	76

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	103		30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-23-WT-S (6.5-8.5)**

Lab Sample ID: 460-30837-12 Date Sampled: 09/08/2011 1750
Client Matrix: Solid % Moisture: 12.2 Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-86732	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-85952	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/15/2011 1418			Injection Volume:	
Prep Date:	09/14/2011 0457			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	96		30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-23-VD-S (3.5-5.0)**

Lab Sample ID: 460-30837-13 Date Sampled: 09/08/2011 1745
Client Matrix: Solid % Moisture: 3.7 Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-86732	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-85952	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/15/2011 1433			Injection Volume:	
Prep Date:	09/14/2011 0457			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		70	U	13	70
Aroclor 1221		70	U	21	70
Aroclor 1232		70	U	39	70
Aroclor 1242		70	U	13	70
Aroclor 1248		120		18	70
Aroclor 1254		70	U	24	70
Aroclor 1260		70	U	7.8	70
Aroclor 1262		70	U	12	70
Aroclor 1268		70	U	12	70

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	138		30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-23-VD-S (3.5-5.0)**

Lab Sample ID: 460-30837-13 Date Sampled: 09/08/2011 1745
Client Matrix: Solid % Moisture: 3.7 Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-86732	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-85952	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/15/2011 1433			Injection Volume:	
Prep Date:	09/14/2011 0457			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	127		30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-12-VS-S (0.5-1.0)**

Lab Sample ID: 460-30837-14 Date Sampled: 09/09/2011 0905
Client Matrix: Solid % Moisture: 5.8 Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-86732	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-85952	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/15/2011 1449			Injection Volume:	
Prep Date:	09/14/2011 0457			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		71	U	14	71
Aroclor 1221		71	U	21	71
Aroclor 1232		71	U	40	71
Aroclor 1242		71	U	13	71
Aroclor 1248		60	J	19	71
Aroclor 1254		71	U	24	71
Aroclor 1260		71	U	7.9	71
Aroclor 1262		71	U	12	71
Aroclor 1268		71	U	12	71

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	133		30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-12-VS-S (0.5-1.0)**

Lab Sample ID: 460-30837-14 Date Sampled: 09/09/2011 0905
Client Matrix: Solid % Moisture: 5.8 Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-86732	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-85952	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/15/2011 1449			Injection Volume:	
Prep Date:	09/14/2011 0457			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	128		30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-12-VD-S (2.5-3.0)**

Lab Sample ID: 460-30837-15 Date Sampled: 09/09/2011 0910
Client Matrix: Solid % Moisture: 3.8 Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-86732	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-85952	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/15/2011 1505			Injection Volume:	
Prep Date:	09/14/2011 0457			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		70	U	13	70
Aroclor 1221		70	U	21	70
Aroclor 1232		70	U	39	70
Aroclor 1242		70	U	13	70
Aroclor 1248		24	J	18	70
Aroclor 1254		70	U	24	70
Aroclor 1260		70	U	7.8	70
Aroclor 1262		70	U	12	70
Aroclor 1268		70	U	12	70

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	142		30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-12-VD-S (2.5-3.0)**

Lab Sample ID: 460-30837-15 Date Sampled: 09/09/2011 0910
Client Matrix: Solid % Moisture: 3.8 Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-86732	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-85952	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/15/2011 1505			Injection Volume:	
Prep Date:	09/14/2011 0457			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	131		30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-12-WT-S (7.0-7.5)**

Lab Sample ID: 460-30837-16 Date Sampled: 09/09/2011 0915
Client Matrix: Solid % Moisture: 11.9 Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-86732	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-85952	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/15/2011 1520			Injection Volume:	
Prep Date:	09/14/2011 0457			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		76	U	15	76
Aroclor 1221		76	U	23	76
Aroclor 1232		76	U	43	76
Aroclor 1242		76	U	14	76
Aroclor 1248		32	J	20	76
Aroclor 1254		76	U	26	76
Aroclor 1260		76	U	8.5	76
Aroclor 1262		76	U	13	76
Aroclor 1268		76	U	13	76

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	121		30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-12-WT-S (7.0-7.5)**

Lab Sample ID: 460-30837-16 Date Sampled: 09/09/2011 0915
Client Matrix: Solid % Moisture: 11.9 Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-86732	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-85952	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/15/2011 1520			Injection Volume:	
Prep Date:	09/14/2011 0457			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	111		30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **Dup_090811**

Lab Sample ID: 460-30837-17FD Date Sampled: 09/09/2011 0000
Client Matrix: Solid % Moisture: 10.9 Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-86735	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-85952	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/15/2011 1639			Injection Volume:	
Prep Date:	09/14/2011 0457			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		75	U	14	75
Aroclor 1221		75	U	23	75
Aroclor 1232		75	U	43	75
Aroclor 1242		75	U	14	75
Aroclor 1248		32	J	20	75
Aroclor 1254		75	U	26	75
Aroclor 1260		75	U	8.4	75
Aroclor 1262		75	U	13	75
Aroclor 1268		75	U	13	75

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	124		30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **Dup_090811**

Lab Sample ID: 460-30837-17FD Date Sampled: 09/09/2011 0000
Client Matrix: Solid % Moisture: 10.9 Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-86735	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-85952	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/15/2011 1639			Injection Volume:	
Prep Date:	09/14/2011 0457			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	112		30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-25-VS-S (1-3)**

Lab Sample ID: 460-30837-18 Date Sampled: 09/09/2011 0935
Client Matrix: Solid % Moisture: 7.1 Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-86735	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-85952	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/15/2011 1655			Injection Volume:	
Prep Date:	09/14/2011 0457			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		72	U	14	72
Aroclor 1221		72	U	22	72
Aroclor 1232		72	U	41	72
Aroclor 1242		72	U	14	72
Aroclor 1248		72	U	19	72
Aroclor 1254		72	U	25	72
Aroclor 1260		45	J	8.0	72
Aroclor 1262		72	U	12	72
Aroclor 1268		72	U	12	72

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	94		30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-25-VS-S (1-3)**

Lab Sample ID: 460-30837-18 Date Sampled: 09/09/2011 0935
Client Matrix: Solid % Moisture: 7.1 Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-86735	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-85952	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/15/2011 1655			Injection Volume:	
Prep Date:	09/14/2011 0457			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	86		30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-25-VD-S (3-5)**

Lab Sample ID: 460-30837-19 Date Sampled: 09/09/2011 0940
Client Matrix: Solid % Moisture: 13.3 Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-86735	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-85952	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/15/2011 1711			Injection Volume:	
Prep Date:	09/14/2011 0457			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		77	U	15	77
Aroclor 1221		77	U	23	77
Aroclor 1232		77	U	44	77
Aroclor 1242		77	U	15	77
Aroclor 1248		77	U	20	77
Aroclor 1254		77	U	26	77
Aroclor 1260		77	U	8.6	77
Aroclor 1262		77	U	13	77
Aroclor 1268		77	U	13	77

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	119		30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-25-VD-S (3-5)**

Lab Sample ID: 460-30837-19 Date Sampled: 09/09/2011 0940
Client Matrix: Solid % Moisture: 13.3 Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-86735	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-85952	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/15/2011 1711			Injection Volume:	
Prep Date:	09/14/2011 0457			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	109		30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-25-WT-S (7.5-9.5)**

Lab Sample ID: 460-30837-20 Date Sampled: 09/09/2011 0945
Client Matrix: Solid % Moisture: 12.2 Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-86735	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-85952	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/15/2011 1727			Injection Volume:	
Prep Date:	09/14/2011 0457			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		76	U	15	76
Aroclor 1221		76	U	23	76
Aroclor 1232		76	U	43	76
Aroclor 1242		76	U	14	76
Aroclor 1248		76	U	20	76
Aroclor 1254		76	U	26	76
Aroclor 1260		76	U	8.5	76
Aroclor 1262		76	U	13	76
Aroclor 1268		76	U	13	76

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	118		30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-25-WT-S (7.5-9.5)**

Lab Sample ID: 460-30837-20 Date Sampled: 09/09/2011 0945
Client Matrix: Solid % Moisture: 12.2 Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-86735	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-85952	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/15/2011 1727			Injection Volume:	
Prep Date:	09/14/2011 0457			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	108		30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-14-VS-S (0.5-1.0)**

Lab Sample ID: 460-30837-21 Date Sampled: 09/09/2011 1000
Client Matrix: Solid % Moisture: 4.0 Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-86921	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-85953	Initial Weight/Volume:	15.05 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	09/21/2011 1418			Injection Volume:	
Prep Date:	09/14/2011 0506			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		350	U	66	350
Aroclor 1221		350	U	100	350
Aroclor 1232		350	U	200	350
Aroclor 1242		350	U	66	350
Aroclor 1248		5300		92	350
Aroclor 1254		350	U	120	350
Aroclor 1260		2800		39	350
Aroclor 1262		350	U	60	350
Aroclor 1268		350	U	60	350

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	135		30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-14-VS-S (0.5-1.0)**

Lab Sample ID: 460-30837-21 Date Sampled: 09/09/2011 1000
Client Matrix: Solid % Moisture: 4.0 Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-86921	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-85953	Initial Weight/Volume:	15.05 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	09/21/2011 1418			Injection Volume:	
Prep Date:	09/14/2011 0506			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	122		30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-14-VD-S (2.5-3.0)**

Lab Sample ID: 460-30837-22 Date Sampled: 09/09/2011 1005
Client Matrix: Solid % Moisture: 3.6 Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-86753	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-85953	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/16/2011 1622			Injection Volume:	
Prep Date:	09/14/2011 0506			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		69	U	13	69
Aroclor 1221		69	U	21	69
Aroclor 1232		69	U	39	69
Aroclor 1242		69	U	13	69
Aroclor 1248		69	U	18	69
Aroclor 1254		69	U	24	69
Aroclor 1260		69	U	7.8	69
Aroclor 1262		69	U	12	69
Aroclor 1268		69	U	12	69

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	116		30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-14-VD-S (2.5-3.0)**

Lab Sample ID: 460-30837-22 Date Sampled: 09/09/2011 1005
Client Matrix: Solid % Moisture: 3.6 Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-86753	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-85953	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/16/2011 1622			Injection Volume:	
Prep Date:	09/14/2011 0506			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	112		30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-14-WT-S (7.0-7.5)**

Lab Sample ID: 460-30837-23 Date Sampled: 09/09/2011 1010
Client Matrix: Solid % Moisture: 11.2 Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-86753	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-85953	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/16/2011 1638			Injection Volume:	
Prep Date:	09/14/2011 0506			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		75	U	14	75
Aroclor 1221		75	U	23	75
Aroclor 1232		75	U	43	75
Aroclor 1242		75	U	14	75
Aroclor 1248		75	U	20	75
Aroclor 1254		75	U	26	75
Aroclor 1260		75	U	8.4	75
Aroclor 1262		75	U	13	75
Aroclor 1268		75	U	13	75

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	107		30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-14-WT-S (7.0-7.5)**

Lab Sample ID: 460-30837-23 Date Sampled: 09/09/2011 1010
Client Matrix: Solid % Moisture: 11.2 Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-86753	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-85953	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/16/2011 1638			Injection Volume:	
Prep Date:	09/14/2011 0506			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	104		30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-8-VS-S (0.5-1.0)**

Lab Sample ID: 460-30837-24 Date Sampled: 09/09/2011 1015
Client Matrix: Solid % Moisture: 5.6 Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-86921	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-85953	Initial Weight/Volume:	15.03 g
Dilution:	20			Final Weight/Volume:	10 mL
Analysis Date:	09/21/2011 1451			Injection Volume:	
Prep Date:	09/14/2011 0506			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		1400	U	270	1400
Aroclor 1221		1400	U	430	1400
Aroclor 1232		1400	U	800	1400
Aroclor 1242		1400	U	270	1400
Aroclor 1248		23000		380	1400
Aroclor 1254		1400	U	480	1400
Aroclor 1260		1400	U	160	1400
Aroclor 1262		1400	U	240	1400
Aroclor 1268		1400	U	240	1400

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-8-VS-S (0.5-1.0)**

Lab Sample ID: 460-30837-24 Date Sampled: 09/09/2011 1015
Client Matrix: Solid % Moisture: 5.6 Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-86921	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-85953	Initial Weight/Volume:	15.03 g
Dilution:	20			Final Weight/Volume:	10 mL
Analysis Date:	09/21/2011 1451			Injection Volume:	
Prep Date:	09/14/2011 0506			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-8-VD-S (2.5-3.0)**

Lab Sample ID: 460-30837-25 Date Sampled: 09/09/2011 1020
Client Matrix: Solid % Moisture: 3.7 Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-86753	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-85953	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/16/2011 1711			Injection Volume:	
Prep Date:	09/14/2011 0506			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		70	U	13	70
Aroclor 1221		70	U	21	70
Aroclor 1232		70	U	39	70
Aroclor 1242		70	U	13	70
Aroclor 1248		260		18	70
Aroclor 1254		70	U	24	70
Aroclor 1260		70	U	7.8	70
Aroclor 1262		70	U	12	70
Aroclor 1268		70	U	12	70

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	107		30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-8-VD-S (2.5-3.0)**

Lab Sample ID: 460-30837-25 Date Sampled: 09/09/2011 1020
Client Matrix: Solid % Moisture: 3.7 Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-86753	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-85953	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/16/2011 1711			Injection Volume:	
Prep Date:	09/14/2011 0506			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	104		30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-8-WT-S (7.0-7.5)**

Lab Sample ID: 460-30837-26 Date Sampled: 09/09/2011 1025
Client Matrix: Solid % Moisture: 12.3 Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-86753	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-85953	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/16/2011 1728			Injection Volume:	
Prep Date:	09/14/2011 0506			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		76	U	15	76
Aroclor 1221		76	U	23	76
Aroclor 1232		76	U	43	76
Aroclor 1242		76	U	14	76
Aroclor 1248		110		20	76
Aroclor 1254		76	U	26	76
Aroclor 1260		76	U	8.5	76
Aroclor 1262		76	U	13	76
Aroclor 1268		76	U	13	76

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	103		30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-8-WT-S (7.0-7.5)**

Lab Sample ID: 460-30837-26 Date Sampled: 09/09/2011 1025
Client Matrix: Solid % Moisture: 12.3 Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-86753	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-85953	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/16/2011 1728			Injection Volume:	
Prep Date:	09/14/2011 0506			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	99		30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-4-VS-S (0.5-1.0)**

Lab Sample ID: 460-30837-27 Date Sampled: 09/09/2011 1030
Client Matrix: Solid % Moisture: 7.9 Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-86921	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-85953	Initial Weight/Volume:	15.00 g
Dilution:	200			Final Weight/Volume:	10 mL
Analysis Date:	09/21/2011 1526			Injection Volume:	
Prep Date:	09/14/2011 0506			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		15000	U	2800	15000
Aroclor 1221		15000	U	4400	15000
Aroclor 1232		15000	U	8300	15000
Aroclor 1242		15000	U	2800	15000
Aroclor 1248		210000		3900	15000
Aroclor 1254		15000	U	5000	15000
Aroclor 1260		15000	U	1600	15000
Aroclor 1262		15000	U	2500	15000
Aroclor 1268		15000	U	2500	15000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-4-VS-S (0.5-1.0)**

Lab Sample ID: 460-30837-27 Date Sampled: 09/09/2011 1030
Client Matrix: Solid % Moisture: 7.9 Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-86921	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-85953	Initial Weight/Volume:	15.00 g
Dilution:	200			Final Weight/Volume:	10 mL
Analysis Date:	09/21/2011 1526			Injection Volume:	
Prep Date:	09/14/2011 0506			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-4-VD-S (2.5-3.0)**

Lab Sample ID: 460-30837-28 Date Sampled: 09/09/2011 1035
Client Matrix: Solid % Moisture: 4.0 Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-86753	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-85953	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/16/2011 1801			Injection Volume:	
Prep Date:	09/14/2011 0506			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		70	U	13	70
Aroclor 1221		70	U	21	70
Aroclor 1232		70	U	39	70
Aroclor 1242		70	U	13	70
Aroclor 1248		990		18	70
Aroclor 1254		70	U	24	70
Aroclor 1260		200		7.8	70
Aroclor 1262		70	U	12	70
Aroclor 1268		70	U	12	70

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	107		30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-4-VD-S (2.5-3.0)**

Lab Sample ID: 460-30837-28 Date Sampled: 09/09/2011 1035
Client Matrix: Solid % Moisture: 4.0 Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-86753	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-85953	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/16/2011 1801			Injection Volume:	
Prep Date:	09/14/2011 0506			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	102		30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-4-WT-S (7.0-7.5)**

Lab Sample ID: 460-30837-29 Date Sampled: 09/09/2011 1040
Client Matrix: Solid % Moisture: 12.9 Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-86753	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-85953	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/16/2011 1818			Injection Volume:	
Prep Date:	09/14/2011 0506			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		77	U	15	77
Aroclor 1221		77	U	23	77
Aroclor 1232		77	U	44	77
Aroclor 1242		77	U	15	77
Aroclor 1248		77	U	20	77
Aroclor 1254		77	U	26	77
Aroclor 1260		77	U	8.6	77
Aroclor 1262		77	U	13	77
Aroclor 1268		77	U	13	77

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	107		30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-4-WT-S (7.0-7.5)**

Lab Sample ID: 460-30837-29 Date Sampled: 09/09/2011 1040
Client Matrix: Solid % Moisture: 12.9 Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-86753	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-85953	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/16/2011 1818			Injection Volume:	
Prep Date:	09/14/2011 0506			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	102		30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **FB_090811**

Lab Sample ID: 460-30837-30FB Date Sampled: 09/08/2011 1400
Client Matrix: Water Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-85904	Instrument ID:	PESTGC7
Prep Method:	3510C	Prep Batch:	460-85730	Initial Weight/Volume:	1000 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	09/13/2011 0313			Injection Volume:	
Prep Date:	09/12/2011 0823			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor 1016	0.50	U	0.13	0.50
Aroclor 1221	0.50	U	0.28	0.50
Aroclor 1232	0.50	U	0.12	0.50
Aroclor 1242	0.50	U	0.12	0.50
Aroclor 1248	0.50	U	0.24	0.50
Aroclor 1254	0.50	U	0.17	0.50
Aroclor 1260	0.50	U	0.15	0.50
Aroclor 1262	0.50	U	0.12	0.50
Aroclor 1268	0.50	U	0.12	0.50

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	55		37 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **FB_090811**

Lab Sample ID: 460-30837-30FB Date Sampled: 09/08/2011 1400
Client Matrix: Water Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-85904	Instrument ID:	PESTGC7
Prep Method:	3510C	Prep Batch:	460-85730	Initial Weight/Volume:	1000 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	09/13/2011 0313			Injection Volume:	
Prep Date:	09/12/2011 0823			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	51		37 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **FB_090911**

Lab Sample ID: 460-30837-31 Date Sampled: 09/09/2011 0745
Client Matrix: Water Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-85904	Instrument ID:	PESTGC7
Prep Method:	3510C	Prep Batch:	460-85730	Initial Weight/Volume:	1000 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	09/13/2011 0329			Injection Volume:	
Prep Date:	09/12/2011 0823			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor 1016	0.50	U	0.13	0.50
Aroclor 1221	0.50	U	0.28	0.50
Aroclor 1232	0.50	U	0.12	0.50
Aroclor 1242	0.50	U	0.12	0.50
Aroclor 1248	0.50	U	0.24	0.50
Aroclor 1254	0.50	U	0.17	0.50
Aroclor 1260	0.50	U	0.15	0.50
Aroclor 1262	0.50	U	0.12	0.50
Aroclor 1268	0.50	U	0.12	0.50

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	65		37 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **FB_090911**

Lab Sample ID: 460-30837-31 Date Sampled: 09/09/2011 0745
Client Matrix: Water Date Received: 09/09/2011 1410

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-85904	Instrument ID:	PESTGC7
Prep Method:	3510C	Prep Batch:	460-85730	Initial Weight/Volume:	1000 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	09/13/2011 0329			Injection Volume:	
Prep Date:	09/12/2011 0823			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	60		37 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-2-VD-S (3.5-4.0)**

Lab Sample ID: 460-30837-1 Date Sampled: 09/08/2011 1615
Client Matrix: Solid % Moisture: 6.1 Date Received: 09/09/2011 1410

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-86242	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-85887	Lab File ID:	gcf47289.d
Dilution:	20			Initial Weight/Volume:	15.01 g
Analysis Date:	09/15/2011 1807			Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 1030			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		2800		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: 460-30837-1

Client Sample ID: **PMP-2-WT-S (8.0-8.5)**

Lab Sample ID: 460-30837-2 Date Sampled: 09/08/2011 1620
Client Matrix: Solid % Moisture: 12.5 Date Received: 09/09/2011 1410

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-86242	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-85887	Lab File ID:	gcf47290.d
Dilution:	100			Initial Weight/Volume:	15.02 g
Analysis Date:	09/15/2011 1822			Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 1030			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		7100		630	630

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	48 - 112
Chlorobenzene	0	X D	32 - 106

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-2-SI-S (10.5-11.0)**

Lab Sample ID: 460-30837-3 Date Sampled: 09/08/2011 1625
Client Matrix: Solid % Moisture: 15.2 Date Received: 09/09/2011 1410

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-86242	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-85887	Lab File ID:	gcf47291.d
Dilution:	100			Initial Weight/Volume:	15.00 g
Analysis Date:	09/15/2011 1836			Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 1030			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		6800		650	650

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	48 - 112
Chlorobenzene	0	X D	32 - 106

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-24-VS-S (1-3)**

Lab Sample ID: 460-30837-4 Date Sampled: 09/08/2011 1640
Client Matrix: Solid % Moisture: 6.7 Date Received: 09/09/2011 1410

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-86242	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-85887	Lab File ID:	gcf47292.d
Dilution:	100			Initial Weight/Volume:	15.02 g
Analysis Date:	09/15/2011 1850			Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 1030			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		9600		590	590

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	48 - 112
Chlorobenzene	0	X D	32 - 106

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-24-VD-S (4.5-6.0)**

Lab Sample ID: 460-30837-5 Date Sampled: 09/08/2011 1645
Client Matrix: Solid % Moisture: 9.7 Date Received: 09/09/2011 1410

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-86242	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-85887	Lab File ID:	gcf47293.d
Dilution:	200			Initial Weight/Volume:	15.02 g
Analysis Date:	09/15/2011 1904			Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 1030			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		22000		1200	1200

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	48 - 112
Chlorobenzene	0	X D	32 - 106

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-24-WT-S (6.5-8.5)**

Lab Sample ID: 460-30837-6 Date Sampled: 09/08/2011 1655
Client Matrix: Solid % Moisture: 14.1 Date Received: 09/09/2011 1410

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-86242	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-85887	Lab File ID:	gcf47294.d
Dilution:	100			Initial Weight/Volume:	15.01 g
Analysis Date:	09/15/2011 1930			Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 1030			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		13000		640	640

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	48 - 112
Chlorobenzene	0	X D	32 - 106

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-24-SI-S (10.5-12.5)**

Lab Sample ID: 460-30837-7 Date Sampled: 09/08/2011 1705
Client Matrix: Solid % Moisture: 13.4 Date Received: 09/09/2011 1410

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-86242	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-85887	Lab File ID:	gcf47297.d
Dilution:	100			Initial Weight/Volume:	15.04 g
Analysis Date:	09/15/2011 2010			Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 1030			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		7300		630	630

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	48 - 112
Chlorobenzene	0	X D	32 - 106

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-22-VS-S (1.5-2.0)**

Lab Sample ID: 460-30837-8 Date Sampled: 09/08/2011 1725
Client Matrix: Solid % Moisture: 5.7 Date Received: 09/09/2011 1410

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-86242	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-85887	Lab File ID:	gcf47298.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/15/2011 2022			Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 1030			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		64		5.8	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	105		48 - 112
Chlorobenzene	83		32 - 106

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-22-VD-S (3.5-5.0)**

Lab Sample ID: 460-30837-9 Date Sampled: 09/08/2011 1730
Client Matrix: Solid % Moisture: 5.2 Date Received: 09/09/2011 1410

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-86248	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-85887	Lab File ID:	gcf47161.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/14/2011 0325			Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 1030			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		30		5.8	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	78		48 - 112
Chlorobenzene	62		32 - 106

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-22-WT-S (7.0-8.5)**

Lab Sample ID: 460-30837-10 Date Sampled: 09/08/2011 1735
Client Matrix: Solid % Moisture: 16.2 Date Received: 09/09/2011 1410

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-86242	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-85887	Lab File ID:	gcf47299.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/15/2011 2035			Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 1030			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		29		6.6	6.6

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	108		48 - 112
Chlorobenzene	87		32 - 106

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-23-VS-S (1-3)**

Lab Sample ID: 460-30837-11 Date Sampled: 09/08/2011 1740
Client Matrix: Solid % Moisture: 4.7 Date Received: 09/09/2011 1410

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-86242	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-85887	Lab File ID:	gcf47300.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/15/2011 2050			Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 1030			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		62		5.8	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	80		48 - 112
Chlorobenzene	63		32 - 106

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-23-WT-S (6.5-8.5)**

Lab Sample ID: 460-30837-12 Date Sampled: 09/08/2011 1750
Client Matrix: Solid % Moisture: 12.2 Date Received: 09/09/2011 1410

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-86242	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-85887	Lab File ID:	gcf47301.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/15/2011 2105			Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 1030			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		24		6.3	6.3

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	90		48 - 112
Chlorobenzene	72		32 - 106

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-23-VD-S (3.5-5.0)**

Lab Sample ID: 460-30837-13 Date Sampled: 09/08/2011 1745
Client Matrix: Solid % Moisture: 3.7 Date Received: 09/09/2011 1410

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-86370	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-85887	Lab File ID:	gcf47330.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/16/2011 0618			Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 1030			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		7.0	*	5.7	5.7

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	92		48 - 112
Chlorobenzene	74		32 - 106

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-12-VS-S (0.5-1.0)**

Lab Sample ID: 460-30837-14 Date Sampled: 09/09/2011 0905
Client Matrix: Solid % Moisture: 5.8 Date Received: 09/09/2011 1410

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-86370	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-85887	Lab File ID:	gcf47331.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/16/2011 0631			Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 1030			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		97		5.8	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	99		48 - 112
Chlorobenzene	78		32 - 106

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-12-VD-S (2.5-3.0)**

Lab Sample ID: 460-30837-15 Date Sampled: 09/09/2011 0910
Client Matrix: Solid % Moisture: 3.8 Date Received: 09/09/2011 1410

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-86370	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-85887	Lab File ID:	gcf47332.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/16/2011 0645			Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 1030			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		9.8		5.7	5.7

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	95		48 - 112
Chlorobenzene	75		32 - 106

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-12-WT-S (7.0-7.5)**

Lab Sample ID: 460-30837-16 Date Sampled: 09/09/2011 0915
Client Matrix: Solid % Moisture: 11.9 Date Received: 09/09/2011 1410

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-86370	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-85887	Lab File ID:	gcf47333.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/16/2011 0700			Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 1030			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		8.6		6.2	6.2

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	98		48 - 112
Chlorobenzene	77		32 - 106

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **Dup_090811**

Lab Sample ID: 460-30837-17FD Date Sampled: 09/09/2011 0000
Client Matrix: Solid % Moisture: 10.9 Date Received: 09/09/2011 1410

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-86370	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-85887	Lab File ID:	gcf47340.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/16/2011 0849			Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 1030			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	106		48 - 112
Chlorobenzene	87		32 - 106

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-25-VS-S (1-3)**

Lab Sample ID: 460-30837-18 Date Sampled: 09/09/2011 0935
Client Matrix: Solid % Moisture: 7.1 Date Received: 09/09/2011 1410

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-86370	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-85887	Lab File ID:	gcf47341.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/16/2011 0903			Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 1030			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		25		5.9	5.9

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	99		48 - 112
Chlorobenzene	77		32 - 106

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-25-VD-S (3-5)**

Lab Sample ID: 460-30837-19 Date Sampled: 09/09/2011 0940
Client Matrix: Solid % Moisture: 13.3 Date Received: 09/09/2011 1410

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-86370	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-85887	Lab File ID:	gcf47342.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/16/2011 0918			Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 1030			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		6.3	U	6.3	6.3

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	99		48 - 112
Chlorobenzene	78		32 - 106

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-25-WT-S (7.5-9.5)**

Lab Sample ID: 460-30837-20 Date Sampled: 09/09/2011 0945
Client Matrix: Solid % Moisture: 12.2 Date Received: 09/09/2011 1410

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-86370	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-85887	Lab File ID:	gcf47343.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/16/2011 0927			Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 1030			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		6.3	U	6.3	6.3

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	108		48 - 112
Chlorobenzene	89		32 - 106

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-14-VS-S (0.5-1.0)**

Lab Sample ID: 460-30837-21 Date Sampled: 09/09/2011 1000
Client Matrix: Solid % Moisture: 4.0 Date Received: 09/09/2011 1410

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-86454	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-85949	Lab File ID:	gcf47377.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/16/2011 1744			Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 2117			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		54		5.7	5.7

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	73		48 - 112
Chlorobenzene	57		32 - 106

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-14-VD-S (2.5-3.0)**

Lab Sample ID: 460-30837-22 Date Sampled: 09/09/2011 1005
Client Matrix: Solid % Moisture: 3.6 Date Received: 09/09/2011 1410

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-86454	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-85949	Lab File ID:	gcf47378.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/16/2011 1753			Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 2117			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		26		5.7	5.7

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	68		48 - 112
Chlorobenzene	56		32 - 106

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-14-WT-S (7.0-7.5)**

Lab Sample ID: 460-30837-23 Date Sampled: 09/09/2011 1010
Client Matrix: Solid % Moisture: 11.2 Date Received: 09/09/2011 1410

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-86454	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-85949	Lab File ID:	gcf47379.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/16/2011 1808			Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 2117			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		66		6.2	6.2

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	74		48 - 112
Chlorobenzene	56		32 - 106

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-8-VS-S (0.5-1.0)**

Lab Sample ID: 460-30837-24 Date Sampled: 09/09/2011 1015
Client Matrix: Solid % Moisture: 5.6 Date Received: 09/09/2011 1410

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-86454	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-85949	Lab File ID:	gcf47380.d
Dilution:	10			Initial Weight/Volume:	15.00 g
Analysis Date:	09/16/2011 1823			Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 2117			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		420		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: 460-30837-1

Client Sample ID: **PMP-8-VD-S (2.5-3.0)**

Lab Sample ID: 460-30837-25 Date Sampled: 09/09/2011 1020
Client Matrix: Solid % Moisture: 3.7 Date Received: 09/09/2011 1410

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-86454	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-85949	Lab File ID:	gcf47381.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/16/2011 1833			Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 2117			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		29		5.7	5.7

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	63		48 - 112
Chlorobenzene	55		32 - 106

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-8-WT-S (7.0-7.5)**

Lab Sample ID: 460-30837-26 Date Sampled: 09/09/2011 1025
Client Matrix: Solid % Moisture: 12.3 Date Received: 09/09/2011 1410

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-86454	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-85949	Lab File ID:	gcf47382.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/16/2011 1847			Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 2117			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		29		6.3	6.3

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	69		48 - 112
Chlorobenzene	55		32 - 106

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-4-VS-S (0.5-1.0)**

Lab Sample ID: 460-30837-27 Date Sampled: 09/09/2011 1030
Client Matrix: Solid % Moisture: 7.9 Date Received: 09/09/2011 1410

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-86454	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-85949	Lab File ID:	gcf47383.d
Dilution:	100			Initial Weight/Volume:	15.00 g
Analysis Date:	09/16/2011 1902			Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 2117			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		2900		600	600

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	48 - 112
Chlorobenzene	0	X D	32 - 106

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-4-VD-S (2.5-3.0)**

Lab Sample ID: 460-30837-28 Date Sampled: 09/09/2011 1035
Client Matrix: Solid % Moisture: 4.0 Date Received: 09/09/2011 1410

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-86454	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-85949	Lab File ID:	gcf47384.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/16/2011 1912			Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 2117			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	70		48 - 112
Chlorobenzene	54		32 - 106

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **PMP-4-WT-S (7.0-7.5)**

Lab Sample ID: 460-30837-29 Date Sampled: 09/09/2011 1040
Client Matrix: Solid % Moisture: 12.9 Date Received: 09/09/2011 1410

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-86238	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-85949	Lab File ID:	gcf47233.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/15/2011 0434			Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 2117			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		6.3	U	6.3	6.3

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	66		48 - 112
Chlorobenzene	53		32 - 106

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **FB_090811**

Lab Sample ID: 460-30837-30FB Date Sampled: 09/08/2011 1400
Client Matrix: Water Date Received: 09/09/2011 1410

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-86370	Instrument ID:	BNAGC1
Prep Method:	3510C	Prep Batch:	460-85857	Lab File ID:	gcf47347.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	09/16/2011 1026			Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 0731			Injection Volume:	

Analyte	Result (mg/L)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)	0.082	U	0.082	0.082

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	84		50 - 109
Chlorobenzene	60		36 - 104

Client: Antea USA, Inc. Job Number: 460-30837-1

Client Sample ID: **FB_090911**

Lab Sample ID: 460-30837-31 Date Sampled: 09/09/2011 0745
Client Matrix: Water Date Received: 09/09/2011 1410

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-86370	Instrument ID:	BNAGC1
Prep Method:	3510C	Prep Batch:	460-85857	Lab File ID:	gcf47353.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	09/16/2011 1146			Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 0731			Injection Volume:	

Analyte	Result (mg/L)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)	0.082	U	0.082	0.082

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	79		50 - 109
Chlorobenzene	57		36 - 104

General Chemistry

Client Sample ID: **PMP-2-VD-S (3.5-4.0)**

Lab Sample ID: 460-30837-1 Date Sampled: 09/08/2011 1615
Client Matrix: Solid Date Received: 09/09/2011 1410

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	100	U	mg/Kg	19.7	100	1.0	SM 4500 Cl- E
Analysis Batch: 460-87534	Analysis Date: 09/28/2011 0930						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	6.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-85914	Analysis Date: 09/13/2011 1358						DryWt Corrected: N
Percent Solids	93.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-85914	Analysis Date: 09/13/2011 1358						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-2-WT-S (8.0-8.5)**

Lab Sample ID: 460-30837-2 Date Sampled: 09/08/2011 1620
Client Matrix: Solid Date Received: 09/09/2011 1410

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	22.0	J	mg/Kg	19.7	100	1.0	SM 4500 Cl- E
Analysis Batch: 460-87534	Analysis Date: 09/28/2011 0930						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	12.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-85914	Analysis Date: 09/13/2011 1358						DryWt Corrected: N
Percent Solids	87.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-85914	Analysis Date: 09/13/2011 1358						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-2-SI-S (10.5-11.0)**

Lab Sample ID: 460-30837-3 Date Sampled: 09/08/2011 1625

Client Matrix: Solid Date Received: 09/09/2011 1410

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	24.4	J	mg/Kg	19.7	100	1.0	SM 4500 Cl- E
Analysis Batch: 460-87534	Analysis Date: 09/28/2011 0930						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	15.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-85914	Analysis Date: 09/13/2011 1358						DryWt Corrected: N
Percent Solids	84.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-85914	Analysis Date: 09/13/2011 1358						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-24-VS-S (1-3)**

Lab Sample ID: 460-30837-4 Date Sampled: 09/08/2011 1640

Client Matrix: Solid Date Received: 09/09/2011 1410

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	23.6	J	mg/Kg	19.7	100	1.0	SM 4500 Cl- E
Analysis Batch: 460-87534	Analysis Date: 09/28/2011 0930						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	6.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-85914	Analysis Date: 09/13/2011 1358						DryWt Corrected: N
Percent Solids	93.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-85914	Analysis Date: 09/13/2011 1358						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-24-VD-S (4.5-6.0)**

Lab Sample ID: 460-30837-5 Date Sampled: 09/08/2011 1645
Client Matrix: Solid Date Received: 09/09/2011 1410

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	65.1	J	mg/Kg	19.7	100	1.0	SM 4500 Cl- E
Analysis Batch: 460-87534	Analysis Date: 09/28/2011 0930						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	9.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-85914	Analysis Date: 09/13/2011 1358						DryWt Corrected: N
Percent Solids	90.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-85914	Analysis Date: 09/13/2011 1358						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-24-WT-S (6.5-8.5)**

Lab Sample ID: 460-30837-6 Date Sampled: 09/08/2011 1655

Client Matrix: Solid Date Received: 09/09/2011 1410

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	37.8	J	mg/Kg	19.7	100	1.0	SM 4500 Cl- E
Analysis Batch: 460-87534	Analysis Date: 09/28/2011 0930						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	14.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-85914	Analysis Date: 09/13/2011 1358						DryWt Corrected: N
Percent Solids	85.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-85914	Analysis Date: 09/13/2011 1358						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-24-SI-S (10.5-12.5)**

Lab Sample ID: 460-30837-7 Date Sampled: 09/08/2011 1705

Client Matrix: Solid Date Received: 09/09/2011 1410

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	33.0	J	mg/Kg	19.7	100	1.0	SM 4500 Cl- E
Analysis Batch: 460-87534	Analysis Date: 09/28/2011 0930						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	13.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-85914	Analysis Date: 09/13/2011 1358						DryWt Corrected: N
Percent Solids	86.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-85914	Analysis Date: 09/13/2011 1358						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-22-VS-S (1.5-2.0)**

Lab Sample ID: 460-30837-8 Date Sampled: 09/08/2011 1725

Client Matrix: Solid Date Received: 09/09/2011 1410

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	29.2	J	mg/Kg	19.7	100	1.0	SM 4500 Cl- E
Analysis Batch: 460-87534	Analysis Date: 09/28/2011 0933						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	5.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-85914	Analysis Date: 09/13/2011 1358						DryWt Corrected: N
Percent Solids	94.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-85914	Analysis Date: 09/13/2011 1358						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-22-VD-S (3.5-5.0)**

Lab Sample ID: 460-30837-9 Date Sampled: 09/08/2011 1730

Client Matrix: Solid Date Received: 09/09/2011 1410

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	32.9	J	mg/Kg	19.7	100	1.0	SM 4500 Cl- E
Analysis Batch: 460-87534	Analysis Date: 09/28/2011 0933						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	5.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-85914	Analysis Date: 09/13/2011 1358						DryWt Corrected: N
Percent Solids	94.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-85914	Analysis Date: 09/13/2011 1358						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-22-WT-S (7.0-8.5)**

Lab Sample ID: 460-30837-10 Date Sampled: 09/08/2011 1735

Client Matrix: Solid Date Received: 09/09/2011 1410

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	100	U	mg/Kg	19.7	100	1.0	SM 4500 Cl- E
Analysis Batch: 460-87538	Analysis Date: 09/28/2011 1011						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	16.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-85914	Analysis Date: 09/13/2011 1358						DryWt Corrected: N
Percent Solids	83.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-85914	Analysis Date: 09/13/2011 1358						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-23-VS-S (1-3)**

Lab Sample ID: 460-30837-11 Date Sampled: 09/08/2011 1740

Client Matrix: Solid Date Received: 09/09/2011 1410

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	130		mg/Kg	19.7	100	1.0	SM 4500 Cl- E
Analysis Batch: 460-87538	Analysis Date: 09/28/2011 1011						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	4.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-85914	Analysis Date: 09/13/2011 1358						DryWt Corrected: N
Percent Solids	95.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-85914	Analysis Date: 09/13/2011 1358						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-23-WT-S (6.5-8.5)**

Lab Sample ID: 460-30837-12 Date Sampled: 09/08/2011 1750

Client Matrix: Solid Date Received: 09/09/2011 1410

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	46.2	J	mg/Kg	19.7	100	1.0	SM 4500 Cl- E
Analysis Batch: 460-87538	Analysis Date: 09/28/2011 1011						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	12.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-85914	Analysis Date: 09/13/2011 1358						DryWt Corrected: N
Percent Solids	87.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-85914	Analysis Date: 09/13/2011 1358						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-23-VD-S (3.5-5.0)**

Lab Sample ID: 460-30837-13 Date Sampled: 09/08/2011 1745

Client Matrix: Solid Date Received: 09/09/2011 1410

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	46.2	J	mg/Kg	19.7	100	1.0	SM 4500 Cl- E
Analysis Batch: 460-87538	Analysis Date: 09/28/2011 1011						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	3.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-85914	Analysis Date: 09/13/2011 1358						DryWt Corrected: N
Percent Solids	96.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-85914	Analysis Date: 09/13/2011 1358						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-12-VS-S (0.5-1.0)**

Lab Sample ID: 460-30837-14 Date Sampled: 09/09/2011 0905

Client Matrix: Solid Date Received: 09/09/2011 1410

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	25.7	J	mg/Kg	19.7	100	1.0	SM 4500 Cl- E
Analysis Batch: 460-87538	Analysis Date: 09/28/2011 1011						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	5.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-85914	Analysis Date: 09/13/2011 1358						DryWt Corrected: N
Percent Solids	94.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-85914	Analysis Date: 09/13/2011 1358						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-12-VD-S (2.5-3.0)**

Lab Sample ID: 460-30837-15 Date Sampled: 09/09/2011 0910

Client Matrix: Solid Date Received: 09/09/2011 1410

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	32.4	J	mg/Kg	19.7	100	1.0	SM 4500 Cl- E
Analysis Batch: 460-87538	Analysis Date: 09/28/2011 1011						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	3.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-85914	Analysis Date: 09/13/2011 1358						DryWt Corrected: N
Percent Solids	96.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-85914	Analysis Date: 09/13/2011 1358						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-12-WT-S (7.0-7.5)**

Lab Sample ID: 460-30837-16 Date Sampled: 09/09/2011 0915

Client Matrix: Solid Date Received: 09/09/2011 1410

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	29.5	J	mg/Kg	19.7	100	1.0	SM 4500 Cl- E
Analysis Batch: 460-87538	Analysis Date: 09/28/2011 1011						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	11.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-85914	Analysis Date: 09/13/2011 1358						DryWt Corrected: N
Percent Solids	88.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-85914	Analysis Date: 09/13/2011 1358						DryWt Corrected: N

General Chemistry

Client Sample ID: **Dup_090811**

Lab Sample ID: 460-30837-17FD
Client Matrix: Solid

Date Sampled: 09/09/2011 0000
Date Received: 09/09/2011 1410

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	23.8	J	mg/Kg	19.7	100	1.0	SM 4500 Cl- E
Analysis Batch: 460-87538	Analysis Date: 09/28/2011 1014						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	10.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-85914	Analysis Date: 09/13/2011 1358						DryWt Corrected: N
Percent Solids	89.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-85914	Analysis Date: 09/13/2011 1358						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-25-VS-S (1-3)**

Lab Sample ID: 460-30837-18 Date Sampled: 09/09/2011 0935

Client Matrix: Solid Date Received: 09/09/2011 1410

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	29.7	J	mg/Kg	19.7	100	1.0	SM 4500 Cl- E
Analysis Batch: 460-87538	Analysis Date: 09/28/2011 1014						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	7.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-85914	Analysis Date: 09/13/2011 1358						DryWt Corrected: N
Percent Solids	92.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-85914	Analysis Date: 09/13/2011 1358						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-25-VD-S (3-5)**

Lab Sample ID: 460-30837-19 Date Sampled: 09/09/2011 0940

Client Matrix: Solid Date Received: 09/09/2011 1410

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	30.5	J	mg/Kg	19.7	100	1.0	SM 4500 Cl- E
Analysis Batch: 460-87571	Analysis Date: 09/28/2011 1211						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	13.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-85914	Analysis Date: 09/13/2011 1358						DryWt Corrected: N
Percent Solids	86.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-85914	Analysis Date: 09/13/2011 1358						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-25-WT-S (7.5-9.5)**

Lab Sample ID: 460-30837-20 Date Sampled: 09/09/2011 0945

Client Matrix: Solid Date Received: 09/09/2011 1410

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	100	U	mg/Kg	19.7	100	1.0	SM 4500 Cl- E
Analysis Batch: 460-87571	Analysis Date: 09/28/2011 1211						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	12.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-85914	Analysis Date: 09/13/2011 1358						DryWt Corrected: N
Percent Solids	87.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-85914	Analysis Date: 09/13/2011 1358						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-14-VS-S (0.5-1.0)**

Lab Sample ID: 460-30837-21 Date Sampled: 09/09/2011 1000

Client Matrix: Solid Date Received: 09/09/2011 1410

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	45.5	J	mg/Kg	19.7	100	1.0	SM 4500 Cl- E
Analysis Batch: 460-87551	Analysis Date: 09/28/2011 1102						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	4.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-85914	Analysis Date: 09/13/2011 1358						DryWt Corrected: N
Percent Solids	96.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-85914	Analysis Date: 09/13/2011 1358						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-14-VD-S (2.5-3.0)**

Lab Sample ID: 460-30837-22 Date Sampled: 09/09/2011 1005
Client Matrix: Solid Date Received: 09/09/2011 1410

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	100	U	mg/Kg	19.7	100	1.0	SM 4500 Cl- E
Analysis Batch: 460-87551	Analysis Date: 09/28/2011 1102						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	3.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-85914	Analysis Date: 09/13/2011 1358						DryWt Corrected: N
Percent Solids	96.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-85914	Analysis Date: 09/13/2011 1358						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-14-WT-S (7.0-7.5)**

Lab Sample ID: 460-30837-23 Date Sampled: 09/09/2011 1010

Client Matrix: Solid Date Received: 09/09/2011 1410

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	29.2	J	mg/Kg	19.7	100	1.0	SM 4500 Cl- E
Analysis Batch: 460-87551	Analysis Date: 09/28/2011 1102						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	11.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-85914	Analysis Date: 09/13/2011 1358						DryWt Corrected: N
Percent Solids	88.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-85914	Analysis Date: 09/13/2011 1358						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-8-VS-S (0.5-1.0)**

Lab Sample ID: 460-30837-24 Date Sampled: 09/09/2011 1015

Client Matrix: Solid Date Received: 09/09/2011 1410

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	67.9	J	mg/Kg	19.7	100	1.0	SM 4500 Cl- E
Analysis Batch: 460-87551	Analysis Date: 09/28/2011 1103						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	5.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-85914	Analysis Date: 09/13/2011 1358						DryWt Corrected: N
Percent Solids	94.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-85914	Analysis Date: 09/13/2011 1358						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-8-VD-S (2.5-3.0)**

Lab Sample ID: 460-30837-25 Date Sampled: 09/09/2011 1020

Client Matrix: Solid Date Received: 09/09/2011 1410

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	25.1	J	mg/Kg	19.7	100	1.0	SM 4500 Cl- E
Analysis Batch: 460-87551	Analysis Date: 09/28/2011 1103						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	3.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-85914	Analysis Date: 09/13/2011 1438						DryWt Corrected: N
Percent Solids	96.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-85914	Analysis Date: 09/13/2011 1438						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-8-WT-S (7.0-7.5)**

Lab Sample ID: 460-30837-26 Date Sampled: 09/09/2011 1025

Client Matrix: Solid Date Received: 09/09/2011 1410

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	45.2	J	mg/Kg	19.7	100	1.0	SM 4500 Cl- E
Analysis Batch: 460-87551	Analysis Date: 09/28/2011 1103						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	12.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-85914	Analysis Date: 09/13/2011 1438						DryWt Corrected: N
Percent Solids	87.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-85914	Analysis Date: 09/13/2011 1438						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-4-VS-S (0.5-1.0)**

Lab Sample ID: 460-30837-27 Date Sampled: 09/09/2011 1030

Client Matrix: Solid Date Received: 09/09/2011 1410

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	31.6	J	mg/Kg	19.7	100	1.0	SM 4500 Cl- E
Analysis Batch: 460-87551	Analysis Date: 09/28/2011 1103						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	7.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-85914	Analysis Date: 09/13/2011 1438						DryWt Corrected: N
Percent Solids	92.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-85914	Analysis Date: 09/13/2011 1438						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-4-VD-S (2.5-3.0)**

Lab Sample ID: 460-30837-28 Date Sampled: 09/09/2011 1035
Client Matrix: Solid Date Received: 09/09/2011 1410

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	21.8	J	mg/Kg	19.7	100	1.0	SM 4500 Cl- E
Analysis Batch: 460-87551	Analysis Date: 09/28/2011 1106						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	4.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-85914	Analysis Date: 09/13/2011 1438						DryWt Corrected: N
Percent Solids	96.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-85914	Analysis Date: 09/13/2011 1438						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-4-WT-S (7.0-7.5)**

Lab Sample ID: 460-30837-29 Date Sampled: 09/09/2011 1040

Client Matrix: Solid Date Received: 09/09/2011 1410

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	28.7	J	mg/Kg	19.7	100	1.0	SM 4500 Cl- E
Analysis Batch: 460-87551	Analysis Date: 09/28/2011 1106						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	12.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-85914	Analysis Date: 09/13/2011 1438						DryWt Corrected: N
Percent Solids	87.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-85914	Analysis Date: 09/13/2011 1438						DryWt Corrected: N

General Chemistry

Client Sample ID: **FB_090811**

Lab Sample ID: 460-30837-30FB Date Sampled: 09/08/2011 1400

Client Matrix: Water Date Received: 09/09/2011 1410

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride	5.0	U	mg/L	1.2	5.0	1.0	SM 4500 Cl- B

Analysis Batch: 460-85926 Analysis Date: 09/13/2011 1500

General Chemistry

Client Sample ID: **FB_090911**

Lab Sample ID: 460-30837-31 Date Sampled: 09/09/2011 0745

Client Matrix: Water Date Received: 09/09/2011 1410

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride	5.0	U	mg/L	1.2	5.0	1.0	SM 4500 Cl- B

Analysis Batch: 460-85926 Analysis Date: 09/13/2011 1500

Client: Antea USA, Inc. Job Number: 460-30837-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-30837-8	PMP-22-VS-S (1.5-2.0)	106	95	96
460-30837-9	PMP-22-VD-S (3.5-5.0)	109	96	92
460-30837-10	PMP-22-WT-S (7.0-8.5)	105	95	88
460-30837-11	PMP-23-VS-S (1-3)	114	96	98
460-30837-12	PMP-23-WT-S (6.5-8.5)	117	97	95
460-30837-13	PMP-23-VD-S (3.5-5.0)	113	93	91
460-30837-14	PMP-12-VS-S (0.5-1.0)	102	99	99
460-30837-15	PMP-12-VD-S (2.5-3.0)	104	97	93
460-30837-16	PMP-12-WT-S (7.0-7.5)	115	96	89
460-30837-17	Dup_090811	126	105	104
460-30837-18	PMP-25-VS-S (1-3)	114	102	96
460-30837-19	PMP-25-VD-S (3-5)	103	95	92
460-30837-20	PMP-25-WT-S (7.5-9.5)	111	103	101
460-30837-21	PMP-14-VS-S (0.5-1.0)	105	97	97
460-30837-22	PMP-14-VD-S (2.5-3.0)	109	95	93
460-30837-23	PMP-14-WT-S (7.0-7.5)	107	95	92
460-30837-24	PMP-8-VS-S (0.5-1.0)	110	96	100
460-30837-25	PMP-8-VD-S (2.5-3.0)	111	93	97
460-30837-26	PMP-8-WT-S (7.0-7.5)	105	97	93
460-30837-27	PMP-4-VS-S (0.5-1.0)	99	95	103
460-30837-28	PMP-4-VD-S (2.5-3.0)	95	97	95

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-138
TOL = Toluene-d8 (Surr)	66-126
BFB = Bromofluorobenzene	72-132

Client: Antea USA, Inc.

Job Number: 460-30837-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-30837-29	PMP-4-WT-S (7.0-7.5)	97	96	95
460-30837-32	TB_090911	100	101	99
MB 460-86004/5		107	97	92
MB 460-86290/5		95	95	96
MB 460-86306/5		108	97	94
MB 460-86784/5		111	98	93
LCS 460-86004/3		104	98	94
LCS 460-86290/23		94	99	95
LCS 460-86306/3		106	98	96
LCS 460-86784/3		108	97	94
LCSD 460-86004/4		107	97	95
LCSD 460-86290/4		93	98	97
LCSD 460-86306/4		105	100	95
LCSD 460-86784/4		110	98	93

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-138
TOL = Toluene-d8 (Surr)	66-126
BFB = Bromofluorobenzene	72-132

Client: Antea USA, Inc.

Job Number: 460-30837-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-30837-1	PMP-2-VD-S (3.5-4.0)	127	120	124
460-30837-2	PMP-2-WT-S (8.0-8.5)	117	108	108
460-30837-3	PMP-2-SI-S (10.5-11.0)	95	92	93
460-30837-4	PMP-24-VS-S (1-3)	126	124	118
460-30837-5	PMP-24-VD-S (4.5-6.0)	90	86	90
460-30837-6	PMP-24-WT-S (6.5-8.5)	119	116	112
460-30837-7	PMP-24-SI-S (10.5-12.5)	107	110	109
MB 460-86112/4		100	96	101
LCS 460-86112/3		99	94	96
LCSD 460-86112/16		104	101	100

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	57-135
TOL = Toluene-d8 (Surr)	46-130
BFB = Bromofluorobenzene	50-124

Client: Antea USA, Inc.

Job Number: 460-30837-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-30837-30	FB_090811	85	96	91
460-30837-31	FB_090911	86	96	91
MB 460-85734/4		83	96	92
LCS 460-85734/3		83	99	94
460-30743-B-7 MS		82	97	93
460-30743-B-7 MSD		84	97	95

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-122
TOL = Toluene-d8 (Surr)	69-125
BFB = Bromofluorobenzene	69-135

Client: Antea USA, Inc. Job Number: 460-30837-1

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
460-30837-1	PMP-2-VD-S (3.5-4.0)	80	77	91	91	72	81
460-30837-2	PMP-2-WT-S (8.0-8.5)	86	87	99	74	44	84
460-30837-3	PMP-2-SI-S (10.5-11.0)	86	76	97	83	62	75
460-30837-4	PMP-24-VS-S (1-3)	82	77	95	91	52	73
460-30837-5	PMP-24-VD-S (4.5-6.0)	99	87	117X	88	62	81
460-30837-6	PMP-24-WT-S (6.5-8.5)	64	73	67	88	52	59
460-30837-7	PMP-24-SI-S (10.5-12.5)	50	52	63	70	25	46
460-30837-8	PMP-22-VS-S (1.5-2.0)	83	79	95	98	67	94
460-30837-9	PMP-22-VD-S (3.5-5.0)	77	75	84	81	79	92
460-30837-10	PMP-22-WT-S (7.0-8.5)	82	79	87	87	89	95
460-30837-11	PMP-23-VS-S (1-3)	79	77	87	90	82	91
460-30837-12	PMP-23-WT-S (6.5-8.5)	73	71	83	82	77	90
460-30837-13	PMP-23-VD-S (3.5-5.0)	80	77	90	89	77	87
460-30837-14	PMP-12-VS-S (0.5-1.0)	75	85	84	94	57	113
460-30837-15	PMP-12-VD-S (2.5-3.0)	60	67	68	74	67	67
460-30837-16	PMP-12-WT-S (7.0-7.5)	49	59	50	54	59	62
460-30837-17	Dup_090811	63	71	69	70	47	98
460-30837-18	PMP-25-VS-S (1-3)	65	65	68	77	41	72
460-30837-19	PMP-25-VD-S (3-5)	65	60	67	76	37	72
460-30837-20	PMP-25-WT-S (7.5-9.5)	67	75	70	72	40	74
460-30837-21	PMP-14-VS-S (0.5-1.0)	49	63	51	61	46	80

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: 460-30837-1

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
460-30837-22	PMP-14-VD-S (2.5-3.0)	58	71	61	64	52	85
460-30837-23	PMP-14-WT-S (7.0-7.5)	49	63	48	51	52	89
460-30837-24	PMP-8-VS-S (0.5-1.0)	46	59	53	72	24	56
460-30837-25	PMP-8-VD-S (2.5-3.0)	55	73	52	55	70	71
460-30837-26	PMP-8-WT-S (7.0-7.5)	45	55	41	45	63	70
460-30837-27	PMP-4-VS-S (0.5-1.0)	42	48	38	57	58	88
460-30837-28	PMP-4-VD-S (2.5-3.0)	53	62	56	55	55	61
460-30837-29	PMP-4-WT-S (7.0-7.5)	53	60	52	50	54	65
MB 460-85882/1-A		69	68	69	70	34	65
MB 460-86273/1-A		87	86	92	92	93	96
MB 460-86534/1-A		65	72	74	75	71	56
MB 460-86659/1-A		69	79	80	82	54	102
LCS 460-85882/2-A		71	64	69	71	61	73
LCS 460-86273/2-A		71	69	81	85	75	64
LCS 460-86534/2-A		69	67	76	67	72	69
LCS 460-86659/2-A		63	68	73	79	74	82
460-30837-28 MS	PMP-4-VD-S (2.5-3.0) MS	78	82	79	76	72	88
460-30505-A-4-B MS		73	73	85	98	56	58
460-31126-B-4-A MS		74	72	81	83	84	79
460-30849-D-6-E MS		70	79	79	88	73	99
460-30837-28 MSD	PMP-4-VD-S (2.5-3.0) MSD	72	77	79	66	72	90
460-30505-A-4-C MSD		71	67	87	92	52	60
460-31126-C-4-A MSD		78	78	88	88	94	88
460-30849-D-6-F MSD		69	77	78	86	75	101

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: 460-30837-1

Surrogate Recovery Report

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec
460-30837-1	PMP-2-VD-S (3.5-4.0)	117	115
460-30837-2	PMP-2-WT-S (8.0-8.5)	0X D	0X D
460-30837-3	PMP-2-SI-S (10.5-11.0)	0X D	0X D
460-30837-4	PMP-24-VS-S (1-3)	0X D	0X D
460-30837-5	PMP-24-VD-S (4.5-6.0)	0X D	0X D
460-30837-6	PMP-24-WT-S (6.5-8.5)	0X D	0X D
460-30837-7	PMP-24-SI-S (10.5-12.5)	0X D	0X D
460-30837-8	PMP-22-VS-S (1.5-2.0)	0X D	0X D
460-30837-9	PMP-22-VD-S (3.5-5.0)	132	121
460-30837-10	PMP-22-WT-S (7.0-8.5)	101	91
460-30837-11	PMP-23-VS-S (1-3)	133	124
460-30837-12	PMP-23-WT-S (6.5-8.5)	103	96
460-30837-13	PMP-23-VD-S (3.5-5.0)	138	127
460-30837-14	PMP-12-VS-S (0.5-1.0)	133	128
460-30837-15	PMP-12-VD-S (2.5-3.0)	142	131
460-30837-16	PMP-12-WT-S (7.0-7.5)	121	111
460-30837-17	Dup_090811	124	112
460-30837-18	PMP-25-VS-S (1-3)	94	86
460-30837-19	PMP-25-VD-S (3-5)	119	109
460-30837-20	PMP-25-WT-S (7.5-9.5)	118	108
460-30837-21	PMP-14-VS-S (0.5-1.0)	122	135

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	30-150

Client: Antea USA, Inc.

Job Number: 460-30837-1

Surrogate Recovery Report

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec
460-30837-22	PMP-14-VD-S (2.5-3.0)	116	112
460-30837-23	PMP-14-WT-S (7.0-7.5)	107	104
460-30837-24	PMP-8-VS-S (0.5-1.0)	0X D	0X D
460-30837-25	PMP-8-VD-S (2.5-3.0)	107	104
460-30837-26	PMP-8-WT-S (7.0-7.5)	103	99
460-30837-27	PMP-4-VS-S (0.5-1.0)	0X D	0X D
460-30837-28	PMP-4-VD-S (2.5-3.0)	107	102
460-30837-29	PMP-4-WT-S (7.0-7.5)	107	102
MB 460-85952/1-A		149	146
MB 460-85953/1-A		109	107
LCS 460-85952/2-A		150	140
LCS 460-85953/2-A		116	111
460-30837-1 MS	PMP-2-VD-S (3.5-4.0) MS	132	120
460-30837-21 MS	PMP-14-VS-S (0.5-1.0) MS	131	140
460-30837-1 MSD	PMP-2-VD-S (3.5-4.0) MSD	127	121
460-30837-21 MSD	PMP-14-VS-S (0.5-1.0) MSD	131	145

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	30-150

Client: Antea USA, Inc.

Job Number: 460-30837-1

Surrogate Recovery Report

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec
460-30837-30	FB_090811	55	51
460-30837-31	FB_090911	65	60
MB 460-85730/1-A		110	100
LCS 460-85730/2-A		94	85
LCSD 460-85730/3-A		90	81

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	37-150

Client: Antea USA, Inc. Job Number: 460-30837-1

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
460-30837-1	PMP-2-VD-S (3.5-4.0)	0X D	0X D
460-30837-2	PMP-2-WT-S (8.0-8.5)	0X D	0X D
460-30837-3	PMP-2-SI-S (10.5-11.0)	0X D	0X D
460-30837-4	PMP-24-VS-S (1-3)	0X D	0X D
460-30837-5	PMP-24-VD-S (4.5-6.0)	0X D	0X D
460-30837-6	PMP-24-WT-S (6.5-8.5)	0X D	0X D
460-30837-7	PMP-24-SI-S (10.5-12.5)	0X D	0X D
460-30837-8	PMP-22-VS-S (1.5-2.0)	83	105
460-30837-9	PMP-22-VD-S (3.5-5.0)	62	78
460-30837-10	PMP-22-WT-S (7.0-8.5)	87	108
460-30837-11	PMP-23-VS-S (1-3)	63	80
460-30837-12	PMP-23-WT-S (6.5-8.5)	72	90
460-30837-13	PMP-23-VD-S (3.5-5.0)	74	92
460-30837-14	PMP-12-VS-S (0.5-1.0)	78	99
460-30837-15	PMP-12-VD-S (2.5-3.0)	75	95
460-30837-16	PMP-12-WT-S (7.0-7.5)	77	98
460-30837-17	Dup_090811	87	106
460-30837-18	PMP-25-VS-S (1-3)	77	99
460-30837-19	PMP-25-VD-S (3-5)	78	99
460-30837-20	PMP-25-WT-S (7.5-9.5)	89	108
460-30837-21	PMP-14-VS-S (0.5-1.0)	57	73

Surrogate	Acceptance Limits
CB = Chlorobenzene	32-106
OTPH = o-Terphenyl	48-112

Client: Antea USA, Inc. Job Number: 460-30837-1

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
460-30837-22	PMP-14-VD-S (2.5-3.0)	56	68
460-30837-23	PMP-14-WT-S (7.0-7.5)	56	74
460-30837-24	PMP-8-VS-S (0.5-1.0)	0X D	0X D
460-30837-25	PMP-8-VD-S (2.5-3.0)	55	63
460-30837-26	PMP-8-WT-S (7.0-7.5)	55	69
460-30837-27	PMP-4-VS-S (0.5-1.0)	0X D	0X D
460-30837-28	PMP-4-VD-S (2.5-3.0)	54	70
460-30837-29	PMP-4-WT-S (7.0-7.5)	53	66
MB 460-85887/1-A		75	93
MB 460-85949/1-A		59	70
LCS 460-85887/2-A		60	70
LCS 460-85949/2-A		61	69
460-30837-9 MS	PMP-22-VD-S (3.5-5.0) MS	79	112
460-30837-29 MS	PMP-4-WT-S (7.0-7.5) MS	61	79
460-30837-9 MSD	PMP-22-VD-S (3.5-5.0) MSD	80	108
460-30837-29 MSD	PMP-4-WT-S (7.0-7.5) MSD	63	78

Surrogate	Acceptance Limits
CB = Chlorobenzene	32-106
OTPH = o-Terphenyl	48-112

Client: Antea USA, Inc.

Job Number: 460-30837-1

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
460-30837-30	FB_090811	60	84
460-30837-31	FB_090911	57	79
MB 460-85857/1-A		60	84
LCS 460-85857/2-A		58	75
LCSD 460-85857/3-A		59	81

Surrogate	Acceptance Limits
CB = Chlorobenzene	36-104
OTPH = o-Terphenyl	50-109

Client: Antea USA, Inc. Job Number: 460-30837-1

Method Blank - Batch: 460-85734

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 460-85734/4	Analysis Batch:	460-85734	Instrument ID:	VOAMS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	a67838.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/12/2011 0828	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	09/12/2011 0828				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
Chloroform	1.0	U	0.15	1.0
2-Butanone	10	U	0.82	10
1,2-Dichloroethane	1.0	U	0.24	1.0
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Benzene	1.0	U	0.13	1.0
Bromoform	1.0	U	0.10	1.0
Styrene	1.0	U	0.13	1.0
Ethylbenzene	1.0	U	0.25	1.0
Chlorobenzene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.13	1.0
Isopropylbenzene	1.0	U	0.21	1.0
2-Hexanone	10	U	0.55	10
MTBE	1.0	U	0.18	1.0
Freon TF	1.0	U	0.28	1.0
Methyl acetate	2.0	U	0.33	2.0
1,4-Dioxane	50	U	8.4	50
Trichloroethene	1.0	U	0.18	1.0
Toluene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
4-Methyl-2-pentanone	10	U	0.68	10
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0
1,2,3-Trichlorobenzene	1.0	U	0.83	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Tetrachloroethene	1.0	U	0.20	1.0
Xylenes, Total	3.0	U	0.43	3.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0

Client: Antea USA, Inc. Job Number: 460-30837-1

Method Blank - Batch: 460-85734

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 460-85734/4	Analysis Batch:	460-85734	Instrument ID:	VOAMS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	a67838.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/12/2011 0828	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	09/12/2011 0828				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,2-Dibromoethane	1.0	U	0.090	1.0
Dichlorodifluoromethane	1.0	U	0.29	1.0
Bromochloromethane	1.0	U	0.17	1.0
Bromodichloromethane	1.0	U	0.093	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	83	70 - 122
Toluene-d8 (Surr)	96	69 - 125
Bromofluorobenzene	92	69 - 135

Method Blank TICs- Batch: 460-85734

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-30837-1

Lab Control Sample - Batch: 460-85734

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 460-85734/3	Analysis Batch:	460-85734	Instrument ID:	VOAMS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	a67835.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/12/2011 0713	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	09/12/2011 0713				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	20.0	19.7	99	58 - 146	
Bromomethane	20.0	12.6	63	55 - 153	
Vinyl chloride	20.0	19.7	98	61 - 144	
Chloroethane	20.0	15.0	75	69 - 145	
Methylene Chloride	20.0	17.0	85	79 - 119	
Acetone	20.0	19.5	98	45 - 156	
Carbon disulfide	20.0	16.5	82	58 - 139	
Trichlorofluoromethane	20.0	16.7	84	69 - 147	
1,1-Dichloroethene	20.0	17.1	86	56 - 139	
1,1-Dichloroethane	20.0	18.1	91	78 - 122	
trans-1,2-Dichloroethene	20.0	17.0	85	75 - 122	
cis-1,2-Dichloroethene	20.0	19.2	96	80 - 120	
Chloroform	20.0	18.4	92	82 - 123	
2-Butanone	20.0	18.3	91	65 - 114	
1,2-Dichloroethane	20.0	16.1	81	74 - 118	
1,1,1-Trichloroethane	20.0	17.9	89	74 - 128	
Carbon tetrachloride	20.0	18.8	94	73 - 120	
Benzene	20.0	19.8	99	83 - 124	
Bromoform	20.0	19.2	96	73 - 123	
Styrene	20.0	18.2	91	69 - 112	
Ethylbenzene	20.0	18.3	91	79 - 126	
Chlorobenzene	20.0	19.1	96	81 - 121	
Cyclohexane	20.0	17.7	89	58 - 133	
Isopropylbenzene	20.0	19.8	99	80 - 125	
2-Hexanone	20.0	14.1	71	53 - 121	
MTBE	20.0	16.0	80	71 - 115	
Freon TF	20.0	17.4	87	47 - 139	
Methyl acetate	20.0	13.4	67	50 - 151	
1,4-Dioxane	150	131	87	52 - 126	
Trichloroethene	20.0	18.4	92	78 - 119	
Toluene	20.0	19.0	95	80 - 120	
trans-1,3-Dichloropropene	20.0	16.4	82	78 - 118	
4-Methyl-2-pentanone	20.0	15.9	79	53 - 120	
cis-1,3-Dichloropropene	20.0	17.7	89	80 - 120	
1,2-Dichlorobenzene	20.0	20.3	101	82 - 122	
1,3-Dichlorobenzene	20.0	18.5	93	81 - 126	
1,4-Dichlorobenzene	20.0	19.2	96	83 - 123	
1,2,4-Trichlorobenzene	20.0	23.6	118	66 - 120	
1,2,3-Trichlorobenzene	20.0	24.0	120	76 - 123	
1,2-Dichloropropane	20.0	18.5	92	80 - 120	
Methylcyclohexane	20.0	17.3	87	61 - 129	
Tetrachloroethene	20.0	21.4	107	68 - 139	
Xylenes, Total	60.0	55.5	92	76 - 121	
1,2-Dibromo-3-Chloropropane	20.0	17.6	88	70 - 116	
1,1,2,2-Tetrachloroethane	20.0	17.5	87	74 - 126	
1,1,2-Trichloroethane	20.0	18.5	92	79 - 119	

Client: Antea USA, Inc. Job Number: 460-30837-1

Lab Control Sample - Batch: 460-85734

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 460-85734/3	Analysis Batch:	460-85734	Instrument ID:	VOAMS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	a67835.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/12/2011 0713	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	09/12/2011 0713				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dibromochloromethane	20.0	18.4	92	80 - 120	
1,2-Dibromoethane	20.0	18.9	94	78 - 118	
Dichlorodifluoromethane	20.0	22.1	110	46 - 145	
Bromochloromethane	20.0	19.4	97	80 - 121	
Bromodichloromethane	20.0	17.8	89	79 - 119	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	83	70 - 122
Toluene-d8 (Surr)	99	69 - 125
Bromofluorobenzene	94	69 - 135

Client: Antea USA, Inc. Job Number: 460-30837-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-85734

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-30743-B-7 MS	Analysis Batch:	460-85734	Instrument ID:	VOAMS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	a67842.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/12/2011 1006			Final Weight/Volume:	5 mL
Prep Date:	09/12/2011 1006				
Leach Date:	N/A				

MSD Lab Sample ID:	460-30743-B-7 MSD	Analysis Batch:	460-85734	Instrument ID:	VOAMS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	a67843.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/12/2011 1026			Final Weight/Volume:	5 mL
Prep Date:	09/12/2011 1026				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloromethane	97	103	58 - 146	6	30		
Bromomethane	60	64	55 - 153	7	30		
Vinyl chloride	96	103	61 - 144	7	30		
Chloroethane	71	78	69 - 145	9	30		
Methylene Chloride	85	90	79 - 119	6	30		
Acetone	70	74	45 - 156	6	30		
Carbon disulfide	73	77	58 - 139	5	30		
Trichlorofluoromethane	80	85	69 - 147	5	30		
1,1-Dichloroethene	83	89	56 - 139	7	30		
1,1-Dichloroethane	89	95	78 - 122	7	30		
trans-1,2-Dichloroethene	82	88	75 - 122	8	30		
cis-1,2-Dichloroethene	91	98	80 - 120	7	30		
Chloroform	89	95	82 - 123	6	30		
2-Butanone	89	89	65 - 114	0	30		
1,2-Dichloroethane	78	84	74 - 118	7	30		
1,1,1-Trichloroethane	85	92	74 - 128	8	30		
Carbon tetrachloride	90	96	73 - 120	6	30		
Benzene	93	99	83 - 124	6	30		
Bromoform	78	86	73 - 123	10	30		
Styrene	83	88	69 - 112	6	30		
Ethylbenzene	89	94	79 - 126	6	30		
Chlorobenzene	92	98	81 - 121	6	30		
Cyclohexane	86	91	58 - 133	6	30		
Isopropylbenzene	92	98	80 - 125	7	30		
2-Hexanone	68	69	53 - 121	1	30		
MTBE	78	83	71 - 115	6	30		
Freon TF	86	90	47 - 139	4	30		
Methyl acetate	61	65	50 - 151	5	30		
1,4-Dioxane	104	99	52 - 126	5	30		
Trichloroethene	86	91	78 - 119	5	30		
Toluene	90	96	80 - 120	6	30		
trans-1,3-Dichloropropene	75	78	78 - 118	3	30	F	
4-Methyl-2-pentanone	74	76	53 - 120	2	30		

Client: Antea USA, Inc. Job Number: 460-30837-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-85734

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-30743-B-7 MS	Analysis Batch:	460-85734	Instrument ID:	VOAMS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	a67842.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/12/2011 1006			Final Weight/Volume:	5 mL
Prep Date:	09/12/2011 1006				
Leach Date:	N/A				

MSD Lab Sample ID:	460-30743-B-7 MSD	Analysis Batch:	460-85734	Instrument ID:	VOAMS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	a67843.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/12/2011 1026			Final Weight/Volume:	5 mL
Prep Date:	09/12/2011 1026				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
cis-1,3-Dichloropropene	80	85	80 - 120	7	30		
1,2-Dichlorobenzene	96	102	82 - 122	7	30		
1,3-Dichlorobenzene	89	96	81 - 126	8	30		
1,4-Dichlorobenzene	90	100	83 - 123	11	30		
1,2,4-Trichlorobenzene	101	118	66 - 120	15	30		
1,2,3-Trichlorobenzene	91	119	76 - 123	27	30		
1,2-Dichloropropane	89	95	80 - 120	6	30		
Methylcyclohexane	84	89	61 - 129	7	30		
Tetrachloroethene	103	107	68 - 139	4	30		
Xylenes, Total	87	93	76 - 121	7	30		
1,2-Dibromo-3-Chloropropane	75	88	70 - 116	16	30		
1,1,2,2-Tetrachloroethane	84	89	74 - 126	6	30		
1,1,2-Trichloroethane	87	93	79 - 119	6	30		
Dibromochloromethane	81	86	80 - 120	5	30		
1,2-Dibromoethane	90	94	78 - 118	5	30		
Dichlorodifluoromethane	106	109	46 - 145	3	30		
Bromochloromethane	92	100	80 - 121	8	30		
Bromodichloromethane	84	88	79 - 119	5	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	82	84	70 - 122
Toluene-d8 (Surr)	97	97	69 - 125
Bromofluorobenzene	93	95	69 - 135

Client: Antea USA, Inc.

Job Number: 460-30837-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-85734

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-30743-B-7 MS	Units:	ug/L	MSD Lab Sample ID:	460-30743-B-7 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/12/2011 1006			Analysis Date:	09/12/2011 1026
Prep Date:	09/12/2011 1006			Prep Date:	09/12/2011 1026
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	20.0	20.0	19.5		20.6
Bromomethane	1.0	U	20.0	20.0	11.9		12.7
Vinyl chloride	1.0	U	20.0	20.0	19.3		20.6
Chloroethane	1.0	U	20.0	20.0	14.2		15.5
Methylene Chloride	1.0	U	20.0	20.0	16.9		18.0
Acetone	10	U	20.0	20.0	14.0		14.9
Carbon disulfide	1.0	U	20.0	20.0	14.6		15.4
Trichlorofluoromethane	1.0	U	20.0	20.0	16.1		16.9
1,1-Dichloroethene	1.0	U	20.0	20.0	16.6		17.9
1,1-Dichloroethane	1.0	U	20.0	20.0	17.8		19.0
trans-1,2-Dichloroethene	1.0	U	20.0	20.0	16.3		17.6
cis-1,2-Dichloroethene	1.0	U	20.0	20.0	18.2		19.5
Chloroform	1.0	U	20.0	20.0	17.8		18.9
2-Butanone	10	U	20.0	20.0	17.7		17.7
1,2-Dichloroethane	1.0	U	20.0	20.0	15.6		16.8
1,1,1-Trichloroethane	1.0	U	20.0	20.0	17.1		18.4
Carbon tetrachloride	1.0	U	20.0	20.0	18.1		19.3
Benzene	1.0	U	20.0	20.0	18.6		19.8
Bromoform	1.0	U	20.0	20.0	15.6		17.2
Styrene	1.0	U	20.0	20.0	16.6		17.6
Ethylbenzene	1.0	U	20.0	20.0	17.8		18.8
Chlorobenzene	1.0	U	20.0	20.0	18.5		19.7
Cyclohexane	1.0	U	20.0	20.0	17.1		18.1
Isopropylbenzene	1.0	U	20.0	20.0	18.4		19.6
2-Hexanone	10	U	20.0	20.0	13.7		13.8
MTBE	1.0	U	20.0	20.0	15.7		16.7
Freon TF	1.0	U	20.0	20.0	17.2		18.0
Methyl acetate	2.0	U	20.0	20.0	12.3		12.9
1,4-Dioxane	50	U	150	150	156		148
Trichloroethene	2.8		20.0	20.0	20.0		21.0
Toluene	1.0	U	20.0	20.0	18.0		19.1
trans-1,3-Dichloropropene	1.0	U	20.0	20.0	15.0	F	15.5
4-Methyl-2-pentanone	10	U	20.0	20.0	14.8		15.2
cis-1,3-Dichloropropene	1.0	U	20.0	20.0	15.9		17.0
1,2-Dichlorobenzene	1.0	U	20.0	20.0	19.2		20.5
1,3-Dichlorobenzene	1.0	U	20.0	20.0	17.7		19.1
1,4-Dichlorobenzene	1.0	U	20.0	20.0	18.0		20.0
1,2,4-Trichlorobenzene	1.0	U	20.0	20.0	20.2		23.5
1,2,3-Trichlorobenzene	1.0	U	20.0	20.0	18.1		23.8
1,2-Dichloropropane	1.0	U	20.0	20.0	17.9		19.0
Methylcyclohexane	1.0	U	20.0	20.0	16.7		17.9
Tetrachloroethene	1.0	U	20.0	20.0	20.6		21.5
Xylenes, Total	3.0	U	60.0	60.0	52.3		56.0

Client: Antea USA, Inc. Job Number: 460-30837-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-85734

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-30743-B-7 MS	Units: ug/L	
Client Matrix:	Water		
Dilution:	1.0		
Analysis Date:	09/12/2011 1006		
Prep Date:	09/12/2011 1006		
Leach Date:	N/A		

MSD Lab Sample ID:	460-30743-B-7 MSD
Client Matrix:	Water
Dilution:	1.0
Analysis Date:	09/12/2011 1026
Prep Date:	09/12/2011 1026
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	1.0	U	20.0	20.0	15.0	17.5
1,1,2,2-Tetrachloroethane	1.0	U	20.0	20.0	16.8	17.7
1,1,2-Trichloroethane	1.0	U	20.0	20.0	17.5	18.6
Dibromochloromethane	1.0	U	20.0	20.0	16.3	17.2
1,2-Dibromoethane	1.0	U	20.0	20.0	18.0	18.9
Dichlorodifluoromethane	1.0	U	20.0	20.0	21.1	21.8
Bromochloromethane	1.0	U	20.0	20.0	18.4	19.9
Bromodichloromethane	1.0	U	20.0	20.0	16.7	17.6

Client: Antea USA, Inc. Job Number: 460-30837-1

Method Blank - Batch: 460-86004 **Method: 8260B**
Preparation: N/A

Lab Sample ID:	MB 460-86004/5	Analysis Batch:	460-86004	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d12664.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/14/2011 0651	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	1.0	U	0.63	1.0
Bromomethane	1.0	U	0.41	1.0
Vinyl chloride	1.0	U	0.23	1.0
Chloroethane	1.0	U	0.40	1.0
Methylene Chloride	1.0	U	0.47	1.0
Acetone	10	U	3.7	10
Carbon disulfide	1.0	U	0.47	1.0
Trichlorofluoromethane	1.0	U	0.26	1.0
1,1-Dichloroethene	1.0	U	0.37	1.0
1,1-Dichloroethane	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.28	1.0
cis-1,2-Dichloroethene	1.0	U	0.24	1.0
Chloroform	1.0	U	0.24	1.0
2-Butanone	10	U	0.57	10
1,2-Dichloroethane	1.0	U	0.39	1.0
1,1,1-Trichloroethane	1.0	U	0.19	1.0
Carbon tetrachloride	1.0	U	0.10	1.0
Benzene	1.0	U	0.74	1.0
Bromoform	1.0	U	0.70	1.0
Styrene	1.0	U	0.35	1.0
Ethylbenzene	1.0	U	0.19	1.0
Chlorobenzene	1.0	U	0.48	1.0
Cyclohexane	1.0	U	0.22	1.0
Isopropylbenzene	1.0	U	0.26	1.0
2-Hexanone	10	U	1.7	10
MTBE	1.0	U	0.34	1.0
Freon TF	1.0	U	0.48	1.0
Methyl acetate	1.0	U	0.90	1.0
1,4-Dioxane	50	U	4.2	50
Trichloroethene	1.0	U	0.36	1.0
Toluene	1.0	U	0.30	1.0
trans-1,3-Dichloropropene	1.0	U	0.22	1.0
4-Methyl-2-pentanone	10	U	0.72	10
cis-1,3-Dichloropropene	1.0	U	0.20	1.0
1,2-Dichlorobenzene	1.0	U	0.64	1.0
1,3-Dichlorobenzene	1.0	U	0.49	1.0
1,4-Dichlorobenzene	1.0	U	0.71	1.0
1,2,4-Trichlorobenzene	1.0	U	0.54	1.0
1,2,3-Trichlorobenzene	1.0	U	0.65	1.0
1,2-Dichloropropane	1.0	U	0.32	1.0
Methylcyclohexane	1.0	U	0.27	1.0
Tetrachloroethene	1.0	U	0.33	1.0
Xylenes, Total	3.0	U	0.79	3.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.61	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.76	1.0

Client: Antea USA, Inc. Job Number: 460-30837-1

Method Blank - Batch: 460-86004

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-86004/5	Analysis Batch:	460-86004	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d12664.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/14/2011 0651	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	1.0	U	0.59	1.0
Dibromochloromethane	1.0	U	0.56	1.0
1,2-Dibromoethane	1.0	U	0.52	1.0
Dichlorodifluoromethane	1.0	U	0.41	1.0
Bromochloromethane	1.0	U	0.27	1.0
Bromodichloromethane	1.0	U	0.30	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107	70 - 138
Toluene-d8 (Surr)	97	66 - 126
Bromofluorobenzene	92	72 - 132

Method Blank TICs- Batch: 460-86004

Cas Number	Analyte	RT	Est. Result	Qual
	Unknown Silanol	3.77	5.14	J

Client: Antea USA, Inc. Job Number: 460-30837-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-86004

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-86004/3	Analysis Batch:	460-86004	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d12661.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/14/2011 0449	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-86004/4	Analysis Batch:	460-86004	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d12662.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/14/2011 0552	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	113	108	50 - 151	4	30		
Bromomethane	118	115	54 - 142	3	30		
Vinyl chloride	114	112	67 - 133	2	30		
Chloroethane	105	104	56 - 146	1	30		
Methylene Chloride	119	118	74 - 137	1	30		
Acetone	141	154	27 - 164	9	30		
Carbon disulfide	113	109	72 - 128	4	30		
Trichlorofluoromethane	111	107	61 - 139	4	30		
1,1-Dichloroethene	110	109	71 - 126	1	30		
1,1-Dichloroethane	105	104	76 - 125	1	30		
trans-1,2-Dichloroethene	104	102	75 - 122	2	30		
cis-1,2-Dichloroethene	103	99	80 - 120	4	30		
Chloroform	101	101	77 - 120	0	30		
2-Butanone	91	108	77 - 117	17	30		
1,2-Dichloroethane	101	104	76 - 118	3	30		
1,1,1-Trichloroethane	111	103	78 - 117	7	30		
Carbon tetrachloride	116	109	79 - 118	7	30		
Benzene	103	100	77 - 117	3	30		
Bromoform	102	108	59 - 125	6	30		
Styrene	100	97	82 - 122	3	30		
Ethylbenzene	102	98	81 - 121	3	30		
Chlorobenzene	96	94	80 - 120	1	30		
Cyclohexane	115	110	80 - 121	4	30		
Isopropylbenzene	101	97	65 - 129	4	30		
2-Hexanone	95	109	70 - 122	14	30		
MTBE	99	105	78 - 120	6	30		
Freon TF	120	111	73 - 123	8	30		
Methyl acetate	95	103	73 - 137	8	30		
1,4-Dioxane	94	108	69 - 131	14	30		
Trichloroethene	107	101	79 - 119	5	30		
Toluene	99	93	75 - 115	6	30		
trans-1,3-Dichloropropene	95	99	67 - 121	5	30		
4-Methyl-2-pentanone	91	104	68 - 120	14	30		
cis-1,3-Dichloropropene	99	101	80 - 123	3	30		
1,2-Dichlorobenzene	97	92	80 - 120	5	30		
1,3-Dichlorobenzene	96	95	80 - 120	1	30		

Client: Antea USA, Inc. Job Number: 460-30837-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-86004

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-86004/3	Analysis Batch:	460-86004	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d12661.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/14/2011 0449	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-86004/4	Analysis Batch:	460-86004	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d12662.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/14/2011 0552	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	93	80 - 120	2	30		
1,2,4-Trichlorobenzene	88	89	80 - 120	1	30		
1,2,3-Trichlorobenzene	91	94	75 - 121	3	30		
1,2-Dichloropropane	98	95	82 - 122	3	30		
Methylcyclohexane	118	110	78 - 118	7	30		
Tetrachloroethene	100	97	80 - 120	3	30		
Xylenes, Total	98	96	82 - 122	3	30		
1,2-Dibromo-3-Chloropropane	83	88	74 - 118	6	30		
1,1,2,2-Tetrachloroethane	86	92	79 - 122	7	30		
1,1,2-Trichloroethane	96	96	73 - 118	1	30		
Dibromochloromethane	97	100	68 - 120	2	30		
1,2-Dibromoethane	92	95	75 - 117	3	30		
Dichlorodifluoromethane	129	123	52 - 144	4	30		
Bromochloromethane	110	106	74 - 125	3	30		
Bromodichloromethane	102	102	79 - 119	0	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104	107	70 - 138
Toluene-d8 (Surr)	98	97	66 - 126
Bromofluorobenzene	94	95	72 - 132

Client: Antea USA, Inc.

Job Number: 460-30837-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-86004

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-86004/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-86004/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/14/2011 0449			Analysis Date:	09/14/2011 0552
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	22.6	21.7
Bromomethane	20.0	20.0	23.7	23.0
Vinyl chloride	20.0	20.0	22.8	22.3
Chloroethane	20.0	20.0	20.9	20.7
Methylene Chloride	20.0	20.0	23.8	23.6
Acetone	20.0	20.0	28.1	30.9
Carbon disulfide	20.0	20.0	22.6	21.8
Trichlorofluoromethane	20.0	20.0	22.2	21.4
1,1-Dichloroethene	20.0	20.0	22.1	21.9
1,1-Dichloroethane	20.0	20.0	21.0	20.8
trans-1,2-Dichloroethene	20.0	20.0	20.8	20.4
cis-1,2-Dichloroethene	20.0	20.0	20.5	19.8
Chloroform	20.0	20.0	20.2	20.2
2-Butanone	20.0	20.0	18.2	21.6
1,2-Dichloroethane	20.0	20.0	20.3	20.8
1,1,1-Trichloroethane	20.0	20.0	22.2	20.6
Carbon tetrachloride	20.0	20.0	23.3	21.7
Benzene	20.0	20.0	20.7	20.1
Bromoform	20.0	20.0	20.4	21.7
Styrene	20.0	20.0	19.9	19.3
Ethylbenzene	20.0	20.0	20.3	19.7
Chlorobenzene	20.0	20.0	19.1	18.9
Cyclohexane	20.0	20.0	23.1	22.1
Isopropylbenzene	20.0	20.0	20.2	19.4
2-Hexanone	20.0	20.0	19.0	21.9
MTBE	20.0	20.0	19.8	21.0
Freon TF	20.0	20.0	24.1	22.2
Methyl acetate	20.0	20.0	19.0	20.6
1,4-Dioxane	150	150	140	162
Trichloroethene	20.0	20.0	21.3	20.3
Toluene	20.0	20.0	19.7	18.6
trans-1,3-Dichloropropene	20.0	20.0	19.0	19.9
4-Methyl-2-pentanone	20.0	20.0	18.1	20.8
cis-1,3-Dichloropropene	20.0	20.0	19.8	20.3
1,2-Dichlorobenzene	20.0	20.0	19.4	18.4
1,3-Dichlorobenzene	20.0	20.0	19.2	18.9
1,4-Dichlorobenzene	20.0	20.0	18.9	18.6
1,2,4-Trichlorobenzene	20.0	20.0	17.6	17.8
1,2,3-Trichlorobenzene	20.0	20.0	18.2	18.8

Client: Antea USA, Inc. Job Number: 460-30837-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-86004

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-86004/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-86004/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/14/2011 0449			Analysis Date:	09/14/2011 0552
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	19.6	18.9
Methylcyclohexane	20.0	20.0	23.6	22.0
Tetrachloroethene	20.0	20.0	20.0	19.5
Xylenes, Total	60.0	60.0	59.0	57.5
1,2-Dibromo-3-Chloropropane	20.0	20.0	16.7	17.6
1,1,2,2-Tetrachloroethane	20.0	20.0	17.1	18.4
1,1,2-Trichloroethane	20.0	20.0	19.3	19.2
Dibromochloromethane	20.0	20.0	19.5	20.0
1,2-Dibromoethane	20.0	20.0	18.4	18.9
Dichlorodifluoromethane	20.0	20.0	25.8	24.7
Bromochloromethane	20.0	20.0	21.9	21.2
Bromodichloromethane	20.0	20.0	20.4	20.4

Client: Antea USA, Inc. Job Number: 460-30837-1

Method Blank - Batch: 460-86112 **Method: 8260B**
Preparation: N/A

Lab Sample ID:	MB 460-86112/4	Analysis Batch:	460-86112	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	j03695.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	09/15/2011 0647	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	100	U	21	100
Bromomethane	100	U	31	100
Vinyl chloride	100	U	12	100
Chloroethane	100	U	45	100
Methylene Chloride	100	U	19	100
Acetone	1000	U	250	1000
Carbon disulfide	100	U	15	100
Trichlorofluoromethane	100	U	16	100
1,1-Dichloroethene	100	U	14	100
1,1-Dichloroethane	100	U	10	100
trans-1,2-Dichloroethene	100	U	14	100
cis-1,2-Dichloroethene	100	U	19	100
Chloroform	100	U	16	100
2-Butanone	1000	U	82	1000
1,2-Dichloroethane	100	U	25	100
1,1,1-Trichloroethane	100	U	25	100
Carbon tetrachloride	100	U	18	100
Benzene	100	U	12	100
Bromoform	100	U	9.9	100
Styrene	100	U	14	100
Ethylbenzene	100	U	25	100
Chlorobenzene	100	U	17	100
Cyclohexane	100	U	12	100
Isopropylbenzene	100	U	21	100
2-Hexanone	1000	U	55	1000
MTBE	100	U	19	100
Freon TF	100	U	29	100
Methyl acetate	200	U	33	200
1,4-Dioxane	5000	U	850	5000
Trichloroethene	100	U	18	100
Toluene	100	U	9.5	100
trans-1,3-Dichloropropene	100	U	12	100
4-Methyl-2-pentanone	1000	U	68	1000
cis-1,3-Dichloropropene	100	U	10	100
1,2-Dichlorobenzene	100	U	16	100
1,3-Dichlorobenzene	100	U	23	100
1,4-Dichlorobenzene	100	U	15	100
1,2,4-Trichlorobenzene	100	U	44	100
1,2,3-Trichlorobenzene	100	U	83	100
1,2-Dichloropropane	100	U	8.7	100
Methylcyclohexane	100	U	8.0	100
Tetrachloroethene	100	U	20	100
Xylenes, Total	300	U	43	300
1,2-Dibromo-3-Chloropropane	100	U	15	100
1,1,2,2-Tetrachloroethane	100	U	8.6	100

Client: Antea USA, Inc. Job Number: 460-30837-1

Method Blank - Batch: 460-86112

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-86112/4	Analysis Batch:	460-86112	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	j03695.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	09/15/2011 0647	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	100	U	9.7	100
Dibromochloromethane	100	U	10	100
1,2-Dibromoethane	100	U	9.1	100
Dichlorodifluoromethane	100	U	28	100
Bromochloromethane	100	U	17	100
Bromodichloromethane	100	U	9.0	100

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100	57 - 135
Toluene-d8 (Surr)	96	46 - 130
Bromofluorobenzene	101	50 - 124

Method Blank TICs- Batch: 460-86112

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-30837-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-86112

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-86112/3	Analysis Batch:	460-86112	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	j03691.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	09/15/2011 0504	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-86112/16	Analysis Batch:	460-86112	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	j03692.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	09/15/2011 0529	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	100	95	52 - 144	5	30		
Bromomethane	102	92	58 - 154	11	30		
Vinyl chloride	88	99	55 - 154	12	30		
Chloroethane	107	107	66 - 144	0	30		
Methylene Chloride	99	92	78 - 118	8	30		
Acetone	95	101	48 - 177	6	30		
Carbon disulfide	101	68	70 - 120	38	30		*
Trichlorofluoromethane	109	112	60 - 148	3	30		
1,1-Dichloroethene	105	90	68 - 138	15	30		
1,1-Dichloroethane	100	100	79 - 119	1	30		
trans-1,2-Dichloroethene	104	97	73 - 119	7	30		
cis-1,2-Dichloroethene	107	103	78 - 118	4	30		
Chloroform	102	105	81 - 122	3	30		
2-Butanone	111	102	70 - 139	9	30		
1,2-Dichloroethane	103	106	81 - 121	2	30		
1,1,1-Trichloroethane	104	101	78 - 118	3	30		
Carbon tetrachloride	105	104	64 - 130	1	30		
Benzene	101	98	71 - 118	2	30		
Bromoform	101	106	76 - 133	5	30		
Styrene	99	105	73 - 126	6	30		
Ethylbenzene	104	109	78 - 124	5	30		
Chlorobenzene	101	102	69 - 124	1	30		
Cyclohexane	104	101	69 - 128	2	30		
Isopropylbenzene	103	110	80 - 143	7	30		
2-Hexanone	94	100	62 - 123	6	30		
MTBE	99	97	65 - 143	2	30		
Freon TF	108	105	50 - 128	3	30		
Methyl acetate	93	81	72 - 165	14	30		
1,4-Dioxane	90	93	54 - 147	4	30		
Trichloroethene	98	100	82 - 122	3	30		
Toluene	97	101	79 - 136	4	30		
trans-1,3-Dichloropropene	98	103	73 - 118	4	30		
4-Methyl-2-pentanone	92	101	69 - 124	9	30		
cis-1,3-Dichloropropene	101	103	75 - 120	2	30		
1,2-Dichlorobenzene	102	103	83 - 123	1	30		
1,3-Dichlorobenzene	102	102	83 - 123	0	30		

Client: Antea USA, Inc. Job Number: 460-30837-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-86112

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-86112/3	Analysis Batch:	460-86112	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	j03691.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	09/15/2011 0504	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-86112/16	Analysis Batch:	460-86112	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	j03692.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	09/15/2011 0529	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	98	84 - 124	6	30		
1,2,4-Trichlorobenzene	104	106	62 - 144	2	30		
1,2,3-Trichlorobenzene	83	81	36 - 207	2	30		
1,2-Dichloropropane	102	105	78 - 118	3	30		
Methylcyclohexane	107	108	80 - 134	2	30		
Tetrachloroethene	102	108	78 - 136	5	30		
Xylenes, Total	101	105	78 - 126	3	30		
1,2-Dibromo-3-Chloropropane	84	91	62 - 127	8	30		
1,1,2,2-Tetrachloroethane	102	104	86 - 145	2	30		
1,1,2-Trichloroethane	99	102	77 - 120	4	30		
Dibromochloromethane	96	106	78 - 118	10	30		
1,2-Dibromoethane	99	101	76 - 120	2	30		
Dichlorodifluoromethane	114	123	41 - 149	7	30		
Bromochloromethane	102	100	81 - 121	2	30		
Bromodichloromethane	98	105	78 - 118	7	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99	104	57 - 135
Toluene-d8 (Surr)	94	101	46 - 130
Bromofluorobenzene	96	100	50 - 124

Client: Antea USA, Inc.

Job Number: 460-30837-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-86112

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-86112/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-86112/16
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	50			Dilution:	50
Analysis Date:	09/15/2011 0504			Analysis Date:	09/15/2011 0529
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	1990	1900	
Bromomethane	2000	2000	2040	1830	
Vinyl chloride	2000	2000	1770	1980	
Chloroethane	2000	2000	2140	2150	
Methylene Chloride	2000	2000	1980	1830	
Acetone	2000	2000	1900	2010	
Carbon disulfide	2000	2000	2020	1370	*
Trichlorofluoromethane	2000	2000	2170	2250	
1,1-Dichloroethene	2000	2000	2100	1800	
1,1-Dichloroethane	2000	2000	2010	1990	
trans-1,2-Dichloroethene	2000	2000	2080	1950	
cis-1,2-Dichloroethene	2000	2000	2140	2050	
Chloroform	2000	2000	2040	2090	
2-Butanone	2000	2000	2230	2040	
1,2-Dichloroethane	2000	2000	2060	2110	
1,1,1-Trichloroethane	2000	2000	2080	2010	
Carbon tetrachloride	2000	2000	2110	2080	
Benzene	2000	2000	2010	1960	
Bromoform	2000	2000	2020	2130	
Styrene	2000	2000	1970	2090	
Ethylbenzene	2000	2000	2070	2180	
Chlorobenzene	2000	2000	2020	2050	
Cyclohexane	2000	2000	2070	2030	
Isopropylbenzene	2000	2000	2050	2200	
2-Hexanone	2000	2000	1880	1990	
MTBE	2000	2000	1980	1930	
Freon TF	2000	2000	2170	2110	
Methyl acetate	2000	2000	1870	1630	
1,4-Dioxane	15000	15000	13500	14000	
Trichloroethene	2000	2000	1950	2010	
Toluene	2000	2000	1940	2020	
trans-1,3-Dichloropropene	2000	2000	1970	2050	
4-Methyl-2-pentanone	2000	2000	1850	2030	
cis-1,3-Dichloropropene	2000	2000	2020	2070	
1,2-Dichlorobenzene	2000	2000	2040	2060	
1,3-Dichlorobenzene	2000	2000	2050	2040	
1,4-Dichlorobenzene	2000	2000	2080	1960	
1,2,4-Trichlorobenzene	2000	2000	2080	2120	
1,2,3-Trichlorobenzene	2000	2000	1650	1630	

Client: Antea USA, Inc.

Job Number: 460-30837-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-86112

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-86112/3	Units:	ug/Kg	LCSD Lab Sample ID:	LCSD 460-86112/16
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	50			Dilution:	50
Analysis Date:	09/15/2011 0504			Analysis Date:	09/15/2011 0529
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	2040	2110
Methylcyclohexane	2000	2000	2130	2170
Tetrachloroethene	2000	2000	2050	2160
Xylenes, Total	6000	6000	6070	6280
1,2-Dibromo-3-Chloropropane	2000	2000	1680	1810
1,1,2,2-Tetrachloroethane	2000	2000	2030	2080
1,1,2-Trichloroethane	2000	2000	1980	2050
Dibromochloromethane	2000	2000	1930	2120
1,2-Dibromoethane	2000	2000	1980	2020
Dichlorodifluoromethane	2000	2000	2290	2460
Bromochloromethane	2000	2000	2040	1990
Bromodichloromethane	2000	2000	1970	2100

Client: Antea USA, Inc. Job Number: 460-30837-1

Method Blank - Batch: 460-86290 **Method: 8260B**
Preparation: N/A

Lab Sample ID:	MB 460-86290/5	Analysis Batch:	460-86290	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d12742.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/15/2011 2107	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	1.0	U	0.63	1.0
Bromomethane	1.0	U	0.41	1.0
Vinyl chloride	1.0	U	0.23	1.0
Chloroethane	1.0	U	0.40	1.0
Methylene Chloride	1.25		0.47	1.0
Acetone	4.29	J	3.7	10
Carbon disulfide	1.0	U	0.47	1.0
Trichlorofluoromethane	1.0	U	0.26	1.0
1,1-Dichloroethene	1.0	U	0.37	1.0
1,1-Dichloroethane	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.28	1.0
cis-1,2-Dichloroethene	1.0	U	0.24	1.0
Chloroform	1.0	U	0.24	1.0
2-Butanone	10	U	0.57	10
1,2-Dichloroethane	1.0	U	0.39	1.0
1,1,1-Trichloroethane	1.0	U	0.19	1.0
Carbon tetrachloride	1.0	U	0.10	1.0
Benzene	1.0	U	0.74	1.0
Bromoform	1.0	U	0.70	1.0
Styrene	1.0	U	0.35	1.0
Ethylbenzene	1.0	U	0.19	1.0
Chlorobenzene	1.0	U	0.48	1.0
Cyclohexane	1.0	U	0.22	1.0
Isopropylbenzene	1.0	U	0.26	1.0
2-Hexanone	10	U	1.7	10
MTBE	1.0	U	0.34	1.0
Freon TF	1.0	U	0.48	1.0
Methyl acetate	1.0	U	0.90	1.0
1,4-Dioxane	50	U	4.2	50
Trichloroethene	1.0	U	0.36	1.0
Toluene	1.0	U	0.30	1.0
trans-1,3-Dichloropropene	1.0	U	0.22	1.0
4-Methyl-2-pentanone	10	U	0.72	10
cis-1,3-Dichloropropene	1.0	U	0.20	1.0
1,2-Dichlorobenzene	1.0	U	0.64	1.0
1,3-Dichlorobenzene	1.0	U	0.49	1.0
1,4-Dichlorobenzene	1.0	U	0.71	1.0
1,2,4-Trichlorobenzene	1.0	U	0.54	1.0
1,2,3-Trichlorobenzene	1.0	U	0.65	1.0
1,2-Dichloropropane	1.0	U	0.32	1.0
Methylcyclohexane	1.0	U	0.27	1.0
Tetrachloroethene	1.0	U	0.33	1.0
Xylenes, Total	3.0	U	0.79	3.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.61	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.76	1.0

Client: Antea USA, Inc. Job Number: 460-30837-1

Method Blank - Batch: 460-86290

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-86290/5	Analysis Batch:	460-86290	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d12742.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/15/2011 2107	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	1.0	U	0.59	1.0
Dibromochloromethane	1.0	U	0.56	1.0
1,2-Dibromoethane	1.0	U	0.52	1.0
Dichlorodifluoromethane	1.0	U	0.41	1.0
Bromochloromethane	1.0	U	0.27	1.0
Bromodichloromethane	1.0	U	0.30	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95	70 - 138
Toluene-d8 (Surr)	95	66 - 126
Bromofluorobenzene	96	72 - 132

Method Blank TICs- Batch: 460-86290

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-30837-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-86290

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-86290/23	Analysis Batch:	460-86290	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d12739.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/15/2011 1942	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-86290/4	Analysis Batch:	460-86290	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d12740.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/15/2011 2019	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	106	100	50 - 151	5	30		
Bromomethane	97	97	54 - 142	0	30		
Vinyl chloride	113	116	67 - 133	2	30		
Chloroethane	100	96	56 - 146	5	30		
Methylene Chloride	124	125	74 - 137	1	30		
Acetone	150	159	27 - 164	6	30		
Carbon disulfide	103	98	72 - 128	6	30		
Trichlorofluoromethane	93	95	61 - 139	2	30		
1,1-Dichloroethene	107	101	71 - 126	6	30		
1,1-Dichloroethane	110	109	76 - 125	1	30		
trans-1,2-Dichloroethene	108	108	75 - 122	1	30		
cis-1,2-Dichloroethene	111	107	80 - 120	3	30		
Chloroform	103	106	77 - 120	2	30		
2-Butanone	113	112	77 - 117	1	30		
1,2-Dichloroethane	101	102	76 - 118	1	30		
1,1,1-Trichloroethane	106	102	78 - 117	3	30		
Carbon tetrachloride	107	106	79 - 118	1	30		
Benzene	107	108	77 - 117	1	30		
Bromoform	102	103	59 - 125	1	30		
Styrene	104	100	82 - 122	4	30		
Ethylbenzene	104	105	81 - 121	1	30		
Chlorobenzene	102	96	80 - 120	6	30		
Cyclohexane	130	124	80 - 121	4	30	*	*
Isopropylbenzene	106	101	65 - 129	5	30		
2-Hexanone	106	105	70 - 122	1	30		
MTBE	107	102	78 - 120	4	30		
Freon TF	122	118	73 - 123	3	30		
Methyl acetate	86	91	73 - 137	6	30		
1,4-Dioxane	100	86	69 - 131	14	30		
Trichloroethene	104	104	79 - 119	0	30		
Toluene	109	108	75 - 115	1	30		
trans-1,3-Dichloropropene	99	99	67 - 121	0	30		
4-Methyl-2-pentanone	95	97	68 - 120	2	30		
cis-1,3-Dichloropropene	101	97	80 - 123	4	30		
1,2-Dichlorobenzene	100	93	80 - 120	8	30		
1,3-Dichlorobenzene	102	92	80 - 120	10	30		

Client: Antea USA, Inc. Job Number: 460-30837-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-86290

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-86290/23	Analysis Batch:	460-86290	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d12739.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/15/2011 1942	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-86290/4	Analysis Batch:	460-86290	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d12740.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/15/2011 2019	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dichlorobenzene	100	91	80 - 120	10	30		
1,2,4-Trichlorobenzene	97	85	80 - 120	12	30		
1,2,3-Trichlorobenzene	95	82	75 - 121	14	30		
1,2-Dichloropropane	102	101	82 - 122	1	30		
Methylcyclohexane	117	113	78 - 118	3	30		
Tetrachloroethene	105	104	80 - 120	1	30		
Xylenes, Total	104	101	82 - 122	3	30		
1,2-Dibromo-3-Chloropropane	87	85	74 - 118	2	30		
1,1,2,2-Tetrachloroethane	96	99	79 - 122	3	30		
1,1,2-Trichloroethane	99	101	73 - 118	2	30		
Dibromochloromethane	98	98	68 - 120	0	30		
1,2-Dibromoethane	94	98	75 - 117	4	30		
Dichlorodifluoromethane	103	108	52 - 144	5	30		
Bromochloromethane	107	107	74 - 125	1	30		
Bromodichloromethane	101	102	79 - 119	1	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94	93	70 - 138
Toluene-d8 (Surr)	99	98	66 - 126
Bromofluorobenzene	95	97	72 - 132

Client: Antea USA, Inc. Job Number: 460-30837-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-86290

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-86290/23	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-86290/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/15/2011 1942			Analysis Date:	09/15/2011 2019
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	21.2	20.1
Bromomethane	20.0	20.0	19.4	19.4
Vinyl chloride	20.0	20.0	22.7	23.1
Chloroethane	20.0	20.0	20.0	19.1
Methylene Chloride	20.0	20.0	24.8	25.1
Acetone	20.0	20.0	30.0	31.9
Carbon disulfide	20.0	20.0	20.7	19.5
Trichlorofluoromethane	20.0	20.0	18.6	18.9
1,1-Dichloroethene	20.0	20.0	21.4	20.1
1,1-Dichloroethane	20.0	20.0	22.0	21.8
trans-1,2-Dichloroethene	20.0	20.0	21.7	21.5
cis-1,2-Dichloroethene	20.0	20.0	22.2	21.4
Chloroform	20.0	20.0	20.6	21.1
2-Butanone	20.0	20.0	22.7	22.3
1,2-Dichloroethane	20.0	20.0	20.2	20.3
1,1,1-Trichloroethane	20.0	20.0	21.2	20.5
Carbon tetrachloride	20.0	20.0	21.4	21.2
Benzene	20.0	20.0	21.3	21.6
Bromoform	20.0	20.0	20.4	20.5
Styrene	20.0	20.0	20.8	19.9
Ethylbenzene	20.0	20.0	20.8	21.1
Chlorobenzene	20.0	20.0	20.4	19.3
Cyclohexane	20.0	20.0	26.0 *	24.9 *
Isopropylbenzene	20.0	20.0	21.2	20.2
2-Hexanone	20.0	20.0	21.2	21.1
MTBE	20.0	20.0	21.4	20.5
Freon TF	20.0	20.0	24.4	23.6
Methyl acetate	20.0	20.0	17.2	18.3
1,4-Dioxane	150	150	150	130
Trichloroethene	20.0	20.0	20.9	20.8
Toluene	20.0	20.0	21.7	21.6
trans-1,3-Dichloropropene	20.0	20.0	19.8	19.9
4-Methyl-2-pentanone	20.0	20.0	18.9	19.4
cis-1,3-Dichloropropene	20.0	20.0	20.3	19.4
1,2-Dichlorobenzene	20.0	20.0	20.0	18.6
1,3-Dichlorobenzene	20.0	20.0	20.3	18.5
1,4-Dichlorobenzene	20.0	20.0	20.1	18.2
1,2,4-Trichlorobenzene	20.0	20.0	19.3	17.1
1,2,3-Trichlorobenzene	20.0	20.0	19.0	16.5

Client: Antea USA, Inc. Job Number: 460-30837-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-86290

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-86290/23	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-86290/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/15/2011 1942			Analysis Date:	09/15/2011 2019
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	20.2
Methylcyclohexane	20.0	20.0	23.4	22.7
Tetrachloroethene	20.0	20.0	21.0	20.9
Xylenes, Total	60.0	60.0	62.1	60.3
1,2-Dibromo-3-Chloropropane	20.0	20.0	17.4	17.1
1,1,2,2-Tetrachloroethane	20.0	20.0	19.3	19.9
1,1,2-Trichloroethane	20.0	20.0	19.9	20.2
Dibromochloromethane	20.0	20.0	19.6	19.6
1,2-Dibromoethane	20.0	20.0	18.8	19.7
Dichlorodifluoromethane	20.0	20.0	20.6	21.6
Bromochloromethane	20.0	20.0	21.5	21.4
Bromodichloromethane	20.0	20.0	20.1	20.3

Client: Antea USA, Inc. Job Number: 460-30837-1

Method Blank - Batch: 460-86306 **Method: 8260B**
Preparation: N/A

Lab Sample ID:	MB 460-86306/5	Analysis Batch:	460-86306	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d12768.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/16/2011 0821	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	1.0	U	0.63	1.0
Bromomethane	1.0	U	0.41	1.0
Vinyl chloride	1.0	U	0.23	1.0
Chloroethane	1.0	U	0.40	1.0
Methylene Chloride	0.561	J	0.47	1.0
Acetone	5.34	J	3.7	10
Carbon disulfide	1.0	U	0.47	1.0
Trichlorofluoromethane	1.0	U	0.26	1.0
1,1-Dichloroethene	1.0	U	0.37	1.0
1,1-Dichloroethane	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.28	1.0
cis-1,2-Dichloroethene	1.0	U	0.24	1.0
Chloroform	1.0	U	0.24	1.0
2-Butanone	10	U	0.57	10
1,2-Dichloroethane	1.0	U	0.39	1.0
1,1,1-Trichloroethane	1.0	U	0.19	1.0
Carbon tetrachloride	1.0	U	0.10	1.0
Benzene	1.0	U	0.74	1.0
Bromoform	1.0	U	0.70	1.0
Styrene	1.0	U	0.35	1.0
Ethylbenzene	1.0	U	0.19	1.0
Chlorobenzene	1.0	U	0.48	1.0
Cyclohexane	1.0	U	0.22	1.0
Isopropylbenzene	1.0	U	0.26	1.0
2-Hexanone	10	U	1.7	10
MTBE	1.0	U	0.34	1.0
Freon TF	1.0	U	0.48	1.0
Methyl acetate	1.0	U	0.90	1.0
1,4-Dioxane	50	U	4.2	50
Trichloroethene	1.0	U	0.36	1.0
Toluene	1.0	U	0.30	1.0
trans-1,3-Dichloropropene	1.0	U	0.22	1.0
4-Methyl-2-pentanone	10	U	0.72	10
cis-1,3-Dichloropropene	1.0	U	0.20	1.0
1,2-Dichlorobenzene	1.0	U	0.64	1.0
1,3-Dichlorobenzene	1.0	U	0.49	1.0
1,4-Dichlorobenzene	1.0	U	0.71	1.0
1,2,4-Trichlorobenzene	1.0	U	0.54	1.0
1,2,3-Trichlorobenzene	1.0	U	0.65	1.0
1,2-Dichloropropane	1.0	U	0.32	1.0
Methylcyclohexane	1.0	U	0.27	1.0
Tetrachloroethene	1.0	U	0.33	1.0
Xylenes, Total	3.0	U	0.79	3.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.61	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.76	1.0

Client: Antea USA, Inc. Job Number: 460-30837-1

Method Blank - Batch: 460-86306

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-86306/5	Analysis Batch:	460-86306	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d12768.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/16/2011 0821	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	1.0	U	0.59	1.0
Dibromochloromethane	1.0	U	0.56	1.0
1,2-Dibromoethane	1.0	U	0.52	1.0
Dichlorodifluoromethane	1.0	U	0.41	1.0
Bromochloromethane	1.0	U	0.27	1.0
Bromodichloromethane	1.0	U	0.30	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108	70 - 138
Toluene-d8 (Surr)	97	66 - 126
Bromofluorobenzene	94	72 - 132

Method Blank TICs- Batch: 460-86306

Cas Number	Analyte	RT	Est. Result	Qual
	Unknown Silanol	3.76	5.31	J

Client: Antea USA, Inc. Job Number: 460-30837-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-86306

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-86306/3	Analysis Batch:	460-86306	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d12764.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/16/2011 0643	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-86306/4	Analysis Batch:	460-86306	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d12765.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/16/2011 0708	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	101	112	50 - 151	11	30		
Bromomethane	98	116	54 - 142	17	30		
Vinyl chloride	112	110	67 - 133	2	30		
Chloroethane	100	105	56 - 146	5	30		
Methylene Chloride	111	112	74 - 137	2	30		
Acetone	136	148	27 - 164	8	30		
Carbon disulfide	91	103	72 - 128	12	30		
Trichlorofluoromethane	111	111	61 - 139	1	30		
1,1-Dichloroethene	104	104	71 - 126	0	30		
1,1-Dichloroethane	101	99	76 - 125	1	30		
trans-1,2-Dichloroethene	99	98	75 - 122	0	30		
cis-1,2-Dichloroethene	97	99	80 - 120	2	30		
Chloroform	97	95	77 - 120	1	30		
2-Butanone	91	86	77 - 117	6	30		
1,2-Dichloroethane	101	98	76 - 118	2	30		
1,1,1-Trichloroethane	99	102	78 - 117	4	30		
Carbon tetrachloride	104	106	79 - 118	2	30		
Benzene	95	97	77 - 117	3	30		
Bromoform	96	97	59 - 125	1	30		
Styrene	89	95	82 - 122	6	30		
Ethylbenzene	93	95	81 - 121	2	30		
Chlorobenzene	88	91	80 - 120	3	30		
Cyclohexane	108	112	80 - 121	4	30		
Isopropylbenzene	92	98	65 - 129	6	30		
2-Hexanone	92	103	70 - 122	12	30		
MTBE	94	101	78 - 120	8	30		
Freon TF	120	109	73 - 123	10	30		
Methyl acetate	92	91	73 - 137	1	30		
1,4-Dioxane	94	90	69 - 131	4	30		
Trichloroethene	96	100	79 - 119	4	30		
Toluene	90	93	75 - 115	3	30		
trans-1,3-Dichloropropene	91	94	67 - 121	2	30		
4-Methyl-2-pentanone	86	92	68 - 120	7	30		
cis-1,3-Dichloropropene	88	90	80 - 123	2	30		
1,2-Dichlorobenzene	86	90	80 - 120	4	30		
1,3-Dichlorobenzene	89	93	80 - 120	5	30		

Client: Antea USA, Inc. Job Number: 460-30837-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-86306

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-86306/3	Analysis Batch:	460-86306	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d12764.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/16/2011 0643	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-86306/4	Analysis Batch:	460-86306	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d12765.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/16/2011 0708	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	88	88	80 - 120	0	30		
1,2,4-Trichlorobenzene	83	86	80 - 120	3	30		
1,2,3-Trichlorobenzene	84	86	75 - 121	3	30		
1,2-Dichloropropane	89	88	82 - 122	2	30		
Methylcyclohexane	105	109	78 - 118	5	30		
Tetrachloroethene	94	98	80 - 120	4	30		
Xylenes, Total	90	96	82 - 122	6	30		
1,2-Dibromo-3-Chloropropane	82	87	74 - 118	6	30		
1,1,2,2-Tetrachloroethane	85	86	79 - 122	2	30		
1,1,2-Trichloroethane	90	89	73 - 118	1	30		
Dibromochloromethane	90	91	68 - 120	1	30		
1,2-Dibromoethane	85	88	75 - 117	3	30		
Dichlorodifluoromethane	106	119	52 - 144	11	30		
Bromochloromethane	102	100	74 - 125	2	30		
Bromodichloromethane	93	92	79 - 119	1	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106	105	70 - 138
Toluene-d8 (Surr)	98	100	66 - 126
Bromofluorobenzene	96	95	72 - 132

Client: Antea USA, Inc. Job Number: 460-30837-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-86306

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-86306/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-86306/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/16/2011 0643			Analysis Date:	09/16/2011 0708
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	20.1	22.4
Bromomethane	20.0	20.0	19.7	23.2
Vinyl chloride	20.0	20.0	22.4	21.9
Chloroethane	20.0	20.0	19.9	21.0
Methylene Chloride	20.0	20.0	22.1	22.5
Acetone	20.0	20.0	27.2	29.6
Carbon disulfide	20.0	20.0	18.3	20.6
Trichlorofluoromethane	20.0	20.0	22.1	22.3
1,1-Dichloroethene	20.0	20.0	20.7	20.7
1,1-Dichloroethane	20.0	20.0	20.2	19.9
trans-1,2-Dichloroethene	20.0	20.0	19.8	19.7
cis-1,2-Dichloroethene	20.0	20.0	19.4	19.8
Chloroform	20.0	20.0	19.3	19.1
2-Butanone	20.0	20.0	18.2	17.1
1,2-Dichloroethane	20.0	20.0	20.1	19.7
1,1,1-Trichloroethane	20.0	20.0	19.8	20.5
Carbon tetrachloride	20.0	20.0	20.7	21.1
Benzene	20.0	20.0	18.9	19.5
Bromoform	20.0	20.0	19.1	19.4
Styrene	20.0	20.0	17.8	18.9
Ethylbenzene	20.0	20.0	18.6	19.1
Chlorobenzene	20.0	20.0	17.7	18.2
Cyclohexane	20.0	20.0	21.6	22.5
Isopropylbenzene	20.0	20.0	18.4	19.6
2-Hexanone	20.0	20.0	18.3	20.6
MTBE	20.0	20.0	18.8	20.2
Freon TF	20.0	20.0	24.0	21.8
Methyl acetate	20.0	20.0	18.4	18.2
1,4-Dioxane	150	150	142	136
Trichloroethene	20.0	20.0	19.1	19.9
Toluene	20.0	20.0	18.0	18.5
trans-1,3-Dichloropropene	20.0	20.0	18.3	18.7
4-Methyl-2-pentanone	20.0	20.0	17.1	18.3
cis-1,3-Dichloropropene	20.0	20.0	17.6	18.0
1,2-Dichlorobenzene	20.0	20.0	17.3	18.1
1,3-Dichlorobenzene	20.0	20.0	17.7	18.7
1,4-Dichlorobenzene	20.0	20.0	17.5	17.6
1,2,4-Trichlorobenzene	20.0	20.0	16.7	17.2
1,2,3-Trichlorobenzene	20.0	20.0	16.7	17.2

Client: Antea USA, Inc.

Job Number: 460-30837-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-86306

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-86306/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-86306/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/16/2011 0643			Analysis Date:	09/16/2011 0708
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	17.8	17.5
Methylcyclohexane	20.0	20.0	20.9	21.9
Tetrachloroethene	20.0	20.0	18.7	19.5
Xylenes, Total	60.0	60.0	54.1	57.6
1,2-Dibromo-3-Chloropropane	20.0	20.0	16.4	17.4
1,1,2,2-Tetrachloroethane	20.0	20.0	17.0	17.3
1,1,2-Trichloroethane	20.0	20.0	18.0	17.8
Dibromochloromethane	20.0	20.0	18.1	18.3
1,2-Dibromoethane	20.0	20.0	17.1	17.6
Dichlorodifluoromethane	20.0	20.0	21.3	23.8
Bromochloromethane	20.0	20.0	20.4	20.0
Bromodichloromethane	20.0	20.0	18.6	18.3

Client: Antea USA, Inc. Job Number: 460-30837-1

Method Blank - Batch: 460-86784 **Method: 8260B**
Preparation: N/A

Lab Sample ID:	MB 460-86784/5	Analysis Batch:	460-86784	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d12884.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/21/2011 0702	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	1.0	U	0.63	1.0
Bromomethane	1.0	U	0.41	1.0
Vinyl chloride	1.0	U	0.23	1.0
Chloroethane	1.0	U	0.40	1.0
Methylene Chloride	1.0	U	0.47	1.0
Acetone	4.77	J	3.7	10
Carbon disulfide	1.0	U	0.47	1.0
Trichlorofluoromethane	1.0	U	0.26	1.0
1,1-Dichloroethene	1.0	U	0.37	1.0
1,1-Dichloroethane	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.28	1.0
cis-1,2-Dichloroethene	1.0	U	0.24	1.0
Chloroform	1.0	U	0.24	1.0
2-Butanone	10	U	0.57	10
1,2-Dichloroethane	1.0	U	0.39	1.0
1,1,1-Trichloroethane	1.0	U	0.19	1.0
Carbon tetrachloride	1.0	U	0.10	1.0
Benzene	1.0	U	0.74	1.0
Bromoform	1.0	U	0.70	1.0
Styrene	1.0	U	0.35	1.0
Ethylbenzene	1.0	U	0.19	1.0
Chlorobenzene	1.0	U	0.48	1.0
Cyclohexane	1.0	U	0.22	1.0
Isopropylbenzene	1.0	U	0.26	1.0
2-Hexanone	10	U	1.7	10
MTBE	1.0	U	0.34	1.0
Freon TF	1.0	U	0.48	1.0
Methyl acetate	1.0	U	0.90	1.0
1,4-Dioxane	50	U	4.2	50
Trichloroethene	1.0	U	0.36	1.0
Toluene	1.0	U	0.30	1.0
trans-1,3-Dichloropropene	1.0	U	0.22	1.0
4-Methyl-2-pentanone	10	U	0.72	10
cis-1,3-Dichloropropene	1.0	U	0.20	1.0
1,2-Dichlorobenzene	1.0	U	0.64	1.0
1,3-Dichlorobenzene	1.0	U	0.49	1.0
1,4-Dichlorobenzene	1.0	U	0.71	1.0
1,2,4-Trichlorobenzene	1.0	U	0.54	1.0
1,2,3-Trichlorobenzene	1.0	U	0.65	1.0
1,2-Dichloropropane	1.0	U	0.32	1.0
Methylcyclohexane	1.0	U	0.27	1.0
Tetrachloroethene	1.0	U	0.33	1.0
Xylenes, Total	3.0	U	0.79	3.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.61	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.76	1.0

Client: Antea USA, Inc. Job Number: 460-30837-1

Method Blank - Batch: 460-86784

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-86784/5	Analysis Batch:	460-86784	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d12884.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/21/2011 0702	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	1.0	U	0.59	1.0
Dibromochloromethane	1.0	U	0.56	1.0
1,2-Dibromoethane	1.0	U	0.52	1.0
Dichlorodifluoromethane	1.0	U	0.41	1.0
Bromochloromethane	1.0	U	0.27	1.0
Bromodichloromethane	1.0	U	0.30	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	111	70 - 138
Toluene-d8 (Surr)	98	66 - 126
Bromofluorobenzene	93	72 - 132

Method Blank TICs- Batch: 460-86784

Cas Number	Analyte	RT	Est. Result	Qual
	Unknown Silanol	3.77	6.10	J

Client: Antea USA, Inc. Job Number: 460-30837-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-86784

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-86784/3	Analysis Batch:	460-86784	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d12880.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/21/2011 0524	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-86784/4	Analysis Batch:	460-86784	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d12881.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/21/2011 0548	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	113	99	50 - 151	13	30		
Bromomethane	119	106	54 - 142	12	30		
Vinyl chloride	114	103	67 - 133	10	30		
Chloroethane	106	96	56 - 146	9	30		
Methylene Chloride	113	112	74 - 137	1	30		
Acetone	157	134	27 - 164	16	30		
Carbon disulfide	111	108	72 - 128	3	30		
Trichlorofluoromethane	109	99	61 - 139	9	30		
1,1-Dichloroethene	106	106	71 - 126	0	30		
1,1-Dichloroethane	102	100	76 - 125	2	30		
trans-1,2-Dichloroethene	102	99	75 - 122	3	30		
cis-1,2-Dichloroethene	102	97	80 - 120	5	30		
Chloroform	98	98	77 - 120	0	30		
2-Butanone	94	102	77 - 117	8	30		
1,2-Dichloroethane	97	100	76 - 118	3	30		
1,1,1-Trichloroethane	107	107	78 - 117	0	30		
Carbon tetrachloride	111	111	79 - 118	0	30		
Benzene	96	96	77 - 117	0	30		
Bromoform	99	100	59 - 125	1	30		
Styrene	95	93	82 - 122	2	30		
Ethylbenzene	98	93	81 - 121	5	30		
Chlorobenzene	93	91	80 - 120	2	30		
Cyclohexane	119	116	80 - 121	3	30		
Isopropylbenzene	94	96	65 - 129	1	30		
2-Hexanone	105	113	70 - 122	7	30		
MTBE	111	111	78 - 120	0	30		
Freon TF	117	113	73 - 123	3	30		
Methyl acetate	101	122	73 - 137	19	30		
1,4-Dioxane	99	115	69 - 131	15	30		
Trichloroethene	96	96	79 - 119	0	30		
Toluene	92	91	75 - 115	1	30		
trans-1,3-Dichloropropene	95	96	67 - 121	2	30		
4-Methyl-2-pentanone	98	105	68 - 120	7	30		
cis-1,3-Dichloropropene	98	94	80 - 123	4	30		
1,2-Dichlorobenzene	88	87	80 - 120	1	30		
1,3-Dichlorobenzene	89	88	80 - 120	1	30		

Client: Antea USA, Inc. Job Number: 460-30837-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-86784

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-86784/3	Analysis Batch:	460-86784	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d12880.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/21/2011 0524	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-86784/4	Analysis Batch:	460-86784	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d12881.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/21/2011 0548	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	88	86	80 - 120	2	30		
1,2,4-Trichlorobenzene	83	83	80 - 120	0	30		
1,2,3-Trichlorobenzene	84	85	75 - 121	1	30		
1,2-Dichloropropane	93	90	82 - 122	3	30		
Methylcyclohexane	116	115	78 - 118	1	30		
Tetrachloroethene	94	91	80 - 120	3	30		
Xylenes, Total	93	93	82 - 122	1	30		
1,2-Dibromo-3-Chloropropane	88	90	74 - 118	2	30		
1,1,2,2-Tetrachloroethane	87	89	79 - 122	2	30		
1,1,2-Trichloroethane	92	90	73 - 118	2	30		
Dibromochloromethane	96	94	68 - 120	2	30		
1,2-Dibromoethane	92	91	75 - 117	1	30		
Dichlorodifluoromethane	111	102	52 - 144	8	30		
Bromochloromethane	106	103	74 - 125	3	30		
Bromodichloromethane	98	95	79 - 119	3	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108	110	70 - 138
Toluene-d8 (Surr)	97	98	66 - 126
Bromofluorobenzene	94	93	72 - 132

Client: Antea USA, Inc.

Job Number: 460-30837-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-86784

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-86784/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-86784/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/21/2011 0524			Analysis Date:	09/21/2011 0548
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	22.5	19.7
Bromomethane	20.0	20.0	23.8	21.2
Vinyl chloride	20.0	20.0	22.8	20.6
Chloroethane	20.0	20.0	21.2	19.3
Methylene Chloride	20.0	20.0	22.6	22.4
Acetone	20.0	20.0	31.4	26.8
Carbon disulfide	20.0	20.0	22.3	21.6
Trichlorofluoromethane	20.0	20.0	21.8	19.9
1,1-Dichloroethene	20.0	20.0	21.2	21.2
1,1-Dichloroethane	20.0	20.0	20.5	20.1
trans-1,2-Dichloroethene	20.0	20.0	20.4	19.9
cis-1,2-Dichloroethene	20.0	20.0	20.3	19.3
Chloroform	20.0	20.0	19.6	19.5
2-Butanone	20.0	20.0	18.8	20.5
1,2-Dichloroethane	20.0	20.0	19.4	20.0
1,1,1-Trichloroethane	20.0	20.0	21.4	21.4
Carbon tetrachloride	20.0	20.0	22.2	22.1
Benzene	20.0	20.0	19.3	19.2
Bromoform	20.0	20.0	19.8	20.1
Styrene	20.0	20.0	19.0	18.5
Ethylbenzene	20.0	20.0	19.6	18.7
Chlorobenzene	20.0	20.0	18.5	18.1
Cyclohexane	20.0	20.0	23.9	23.2
Isopropylbenzene	20.0	20.0	18.9	19.1
2-Hexanone	20.0	20.0	21.1	22.6
MTBE	20.0	20.0	22.2	22.2
Freon TF	20.0	20.0	23.4	22.6
Methyl acetate	20.0	20.0	20.1	24.4
1,4-Dioxane	150	150	148	172
Trichloroethene	20.0	20.0	19.2	19.1
Toluene	20.0	20.0	18.3	18.1
trans-1,3-Dichloropropene	20.0	20.0	18.9	19.2
4-Methyl-2-pentanone	20.0	20.0	19.6	21.0
cis-1,3-Dichloropropene	20.0	20.0	19.6	18.8
1,2-Dichlorobenzene	20.0	20.0	17.6	17.5
1,3-Dichlorobenzene	20.0	20.0	17.7	17.6
1,4-Dichlorobenzene	20.0	20.0	17.5	17.1
1,2,4-Trichlorobenzene	20.0	20.0	16.5	16.5
1,2,3-Trichlorobenzene	20.0	20.0	16.9	17.0

Client: Antea USA, Inc. Job Number: 460-30837-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-86784

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-86784/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-86784/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/21/2011 0524			Analysis Date:	09/21/2011 0548
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	18.6	18.1
Methylcyclohexane	20.0	20.0	23.2	23.0
Tetrachloroethene	20.0	20.0	18.8	18.1
Xylenes, Total	60.0	60.0	55.9	55.6
1,2-Dibromo-3-Chloropropane	20.0	20.0	17.7	18.1
1,1,2,2-Tetrachloroethane	20.0	20.0	17.5	17.8
1,1,2-Trichloroethane	20.0	20.0	18.3	18.1
Dibromochloromethane	20.0	20.0	19.3	18.9
1,2-Dibromoethane	20.0	20.0	18.3	18.1
Dichlorodifluoromethane	20.0	20.0	22.2	20.4
Bromochloromethane	20.0	20.0	21.3	20.6
Bromodichloromethane	20.0	20.0	19.6	18.9

Client: Antea USA, Inc. Job Number: 460-30837-1

Method Blank - Batch: 460-85863

Method: 8270C
Preparation: 3510C

Lab Sample ID:	MB 460-85863/1-A	Analysis Batch:	460-86052	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-85863	Lab File ID:	z19813.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	09/14/2011 0620	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	09/13/2011 0753			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Phenol	10	U	0.81	10
2-Chlorophenol	10	U	2.2	10
2-Methylphenol	10	U	1.8	10
4-Methylphenol	10	U	1.6	10
Benzaldehyde	10	U	2.0	10
Acetophenone	10	U	2.7	10
Bis(2-chloroethyl)ether	1.0	U	0.28	1.0
2,2'-oxybis[1-chloropropane]	10	U	2.0	10
N-Nitrosodi-n-propylamine	1.0	U	0.25	1.0
Nitrobenzene	1.0	U	0.30	1.0
Hexachloroethane	1.0	U	0.25	1.0
Isophorone	10	U	2.7	10
2-Nitrophenol	10	U	2.4	10
2,4-Dimethylphenol	10	U	3.4	10
2,4-Dichlorophenol	10	U	2.6	10
Bis(2-chloroethoxy)methane	10	U	2.6	10
Naphthalene	10	U	2.7	10
4-Chloroaniline	10	U	2.0	10
Hexachlorobutadiene	2.0	U	0.57	2.0
Caprolactam	10	U	2.5	10
4-Chloro-3-methylphenol	10	U	2.5	10
2-Methylnaphthalene	10	U	3.0	10
Hexachlorobenzene	1.0	U	0.29	1.0
Hexachlorocyclopentadiene	10	U	1.7	10
2,4,6-Trichlorophenol	10	U	2.4	10
2,4,5-Trichlorophenol	10	U	2.6	10
Diphenyl	10	U	2.8	10
2-Chloronaphthalene	10	U	2.7	10
2-Nitroaniline	20	U	4.9	20
2,6-Dinitrotoluene	2.0	U	0.61	2.0
Dimethyl phthalate	10	U	2.8	10
Acenaphthylene	10	U	2.7	10
3-Nitroaniline	20	U	5.0	20
Acenaphthene	10	U	2.7	10
4-Nitrophenol	30	U	6.7	30
2,4-Dinitrophenol	30	U	5.4	30
Dibenzofuran	10	U	2.8	10
Diethyl phthalate	10	U	2.9	10
Fluorene	10	U	2.8	10
Fluoranthene	10	U	3.2	10
Di-n-butyl phthalate	10	U	2.9	10
2,4-Dinitrotoluene	2.0	U	0.47	2.0
4-Chlorophenyl phenyl ether	10	U	2.5	10
4-Nitroaniline	20	U	5.8	20
4,6-Dinitro-2-methylphenol	30	U	4.7	30

Client: Antea USA, Inc. Job Number: 460-30837-1

Method Blank - Batch: 460-85863

Method: 8270C
Preparation: 3510C

Lab Sample ID:	MB 460-85863/1-A	Analysis Batch:	460-86052	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-85863	Lab File ID:	z19813.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	09/14/2011 0620	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	09/13/2011 0753			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
4-Bromophenyl phenyl ether	10	U	2.5	10
Atrazine	10	U	3.0	10
Anthracene	10	U	2.8	10
Carbazole	10	U	3.2	10
Phenanthrene	10	U	3.1	10
Pentachlorophenol	30	U	5.3	30
Pyrene	10	U	2.9	10
Chrysene	10	U	3.1	10
Benzo[k]fluoranthene	1.0	U	0.26	1.0
Benzo[g,h,i]perylene	10	U	2.0	10
Benzo[b]fluoranthene	1.0	U	0.26	1.0
Benzo[a]pyrene	1.0	U	0.14	1.0
Benzo[a]anthracene	1.0	U	0.27	1.0
N-Nitrosodiphenylamine	10	U	2.9	10
Butyl benzyl phthalate	10	U	2.5	10
Bis(2-ethylhexyl) phthalate	10	U	2.0	10
Di-n-octyl phthalate	10	U	1.5	10
Indeno[1,2,3-cd]pyrene	1.0	U	0.15	1.0
Dibenz(a,h)anthracene	1.0	U	0.090	1.0
3,3'-Dichlorobenzidine	20	U	4.9	20
1,2,4,5-Tetrachlorobenzene	10	U	2.6	10
2,3,4,6-Tetrachlorophenol	10	U	2.5	10

Method Blank TICs- Batch: 460-85863

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-30837-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-85863

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-85863/2-A	Analysis Batch:	460-86052	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-85863	Lab File ID:	z19811.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	09/14/2011 0530	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	09/13/2011 0753			Injection Volume:	1 uL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-85863/3-A	Analysis Batch:	460-86052	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-85863	Lab File ID:	z19812.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	09/14/2011 0555	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	09/13/2011 0753			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Phenol	28	31	12 - 44	10	30		
2-Chlorophenol	79	88	53 - 101	11	30		
2-Methylphenol	68	74	40 - 90	8	30		
4-Methylphenol	53	59	30 - 75	10	30		
Benzaldehyde	155	171	52 - 150	10	30	*	*
Acetophenone	88	96	68 - 109	9	30		
Bis(2-chloroethyl)ether	80	88	62 - 108	10	30		
2,2'-oxybis[1-chloropropane]	79	88	68 - 107	10	30		
N-Nitrosodi-n-propylamine	89	98	70 - 109	10	30		
Nitrobenzene	86	92	66 - 106	7	30		
Hexachloroethane	78	85	50 - 99	8	30		
Isophorone	87	92	68 - 108	6	30		
2-Nitrophenol	88	94	65 - 107	7	30		
2,4-Dimethylphenol	82	88	55 - 100	7	30		
2,4-Dichlorophenol	91	97	64 - 107	7	30		
Bis(2-chloroethoxy)methane	89	95	69 - 108	7	30		
Naphthalene	88	94	63 - 101	6	30		
4-Chloroaniline	89	94	58 - 105	6	30		
Hexachlorobutadiene	85	90	52 - 99	5	30		
Caprolactam	16	17	10 - 30	10	30		
4-Chloro-3-methylphenol	81	87	57 - 106	8	30		
2-Methylnaphthalene	88	93	66 - 102	6	30		
Hexachlorobenzene	93	97	65 - 107	4	30		
Hexachlorocyclopentadiene	92	98	40 - 105	6	30		
2,4,6-Trichlorophenol	94	100	67 - 111	7	30		
2,4,5-Trichlorophenol	95	100	67 - 114	6	30		
Diphenyl	93	97	66 - 112	5	30		
2-Chloronaphthalene	92	98	65 - 107	6	30		
2-Nitroaniline	97	102	73 - 116	5	30		
2,6-Dinitrotoluene	87	91	68 - 114	4	30		
Dimethyl phthalate	87	90	69 - 111	4	30		
Acenaphthylene	91	96	67 - 107	6	30		
3-Nitroaniline	80	85	59 - 108	6	30		
Acenaphthene	91	95	66 - 108	4	30		
4-Nitrophenol	21	22	10 - 44	3	30	J	J
2,4-Dinitrophenol	73	78	19 - 113	7	30		

Client: Antea USA, Inc. Job Number: 460-30837-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-85863

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-85863/2-A	Analysis Batch:	460-86052	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-85863	Lab File ID:	z19811.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	09/14/2011 0530	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	09/13/2011 0753			Injection Volume:	1 uL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-85863/3-A	Analysis Batch:	460-86052	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-85863	Lab File ID:	z19812.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	09/14/2011 0555	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	09/13/2011 0753			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Dibenzofuran	89	95	68 - 105	6	30		
Diethyl phthalate	83	88	66 - 109	5	30		
Fluorene	89	94	68 - 105	5	30		
Fluoranthene	82	84	68 - 108	2	30		
Di-n-butyl phthalate	85	88	68 - 111	4	30		
2,4-Dinitrotoluene	81	83	65 - 113	3	30		
4-Chlorophenyl phenyl ether	90	95	68 - 105	6	30		
4-Nitroaniline	79	82	49 - 119	4	30		
4,6-Dinitro-2-methylphenol	90	95	58 - 115	6	30		
4-Bromophenyl phenyl ether	97	105	66 - 110	8	30		
Atrazine	84	88	56 - 116	4	30		
Anthracene	92	98	68 - 108	6	30		
Carbazole	85	91	67 - 110	6	30		
Phenanthrene	91	98	68 - 110	7	30		
Pentachlorophenol	87	90	55 - 116	4	30		
Pyrene	95	102	61 - 110	6	30		
Chrysene	94	98	68 - 112	5	30		
Benzo[k]fluoranthene	95	100	66 - 114	5	30		
Benzo[g,h,i]perylene	101	108	65 - 134	7	30		
Benzo[b]fluoranthene	100	104	65 - 111	4	30		
Benzo[a]pyrene	92	98	58 - 101	6	30		
Benzo[a]anthracene	88	92	65 - 106	5	30		
N-Nitrosodiphenylamine	95	102	71 - 121	8	30		
Butyl benzyl phthalate	92	97	66 - 115	4	30		
Bis(2-ethylhexyl) phthalate	91	96	66 - 114	6	30		
Di-n-octyl phthalate	90	94	51 - 115	4	30		
Indeno[1,2,3-cd]pyrene	102	110	68 - 121	8	30		
Dibenz(a,h)anthracene	105	111	67 - 124	6	30		
3,3'-Dichlorobenzidine	98	109	69 - 129	11	30		
1,2,4,5-Tetrachlorobenzene	93	97	70 - 130	5	30		
2,3,4,6-Tetrachlorophenol	93	94	70 - 130	1	30		

Client: Antea USA, Inc. Job Number: 460-30837-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-85863

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-85863/2-A	Units:	ug/L	LCSD Lab Sample ID:	LCSD 460-85863/3-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/14/2011 0530			Analysis Date:	09/14/2011 0555
Prep Date:	09/13/2011 0753			Prep Date:	09/13/2011 0753
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual		LCSD Result/Qual	
Phenol	100	100	27.7		30.6	
2-Chlorophenol	100	100	78.9		87.9	
2-Methylphenol	100	100	68.4		74.1	
4-Methylphenol	100	100	53.0		58.8	
Benzaldehyde	100	100	155	*	171	*
Acetophenone	100	100	87.7		95.9	
Bis(2-chloroethyl)ether	100	100	79.5		87.6	
2,2'-oxybis[1-chloropropane]	100	100	79.3		87.9	
N-Nitrosodi-n-propylamine	100	100	88.7		98.0	
Nitrobenzene	100	100	86.3		92.2	
Hexachloroethane	100	100	78.3		84.9	
Isophorone	100	100	86.7		91.9	
2-Nitrophenol	100	100	87.8		94.4	
2,4-Dimethylphenol	100	100	82.4		88.0	
2,4-Dichlorophenol	100	100	90.7		97.2	
Bis(2-chloroethoxy)methane	100	100	89.4		95.5	
Naphthalene	100	100	88.0		93.7	
4-Chloroaniline	100	100	88.7		94.3	
Hexachlorobutadiene	100	100	85.2		89.7	
Caprolactam	100	100	15.7		17.4	
4-Chloro-3-methylphenol	100	100	80.9		87.4	
2-Methylnaphthalene	100	100	87.9		93.4	
Hexachlorobenzene	100	100	93.0		97.2	
Hexachlorocyclopentadiene	100	100	92.3		98.2	
2,4,6-Trichlorophenol	100	100	93.8		100	
2,4,5-Trichlorophenol	100	100	94.6		100	
Diphenyl	100	100	92.9		97.4	
2-Chloronaphthalene	100	100	92.2		97.7	
2-Nitroaniline	100	100	96.7		102	
2,6-Dinitrotoluene	100	100	87.2		90.6	
Dimethyl phthalate	100	100	86.5		90.2	
Acenaphthylene	100	100	90.6		96.4	
3-Nitroaniline	100	100	80.4		85.3	
Acenaphthene	100	100	90.7		94.5	
4-Nitrophenol	100	100	21.4	J	22.1	J
2,4-Dinitrophenol	100	100	72.9		78.5	
Dibenzofuran	100	100	89.3		95.1	
Diethyl phthalate	100	100	83.0		87.7	
Fluorene	100	100	89.2		93.7	

Client: Antea USA, Inc. Job Number: 460-30837-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-85863

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-85863/2-A	Units: ug/L		LCSD Lab Sample ID:	LCSD 460-85863/3-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/14/2011 0530			Analysis Date:	09/14/2011 0555
Prep Date:	09/13/2011 0753			Prep Date:	09/13/2011 0753
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Fluoranthene	100	100	82.0	84.0
Di-n-butyl phthalate	100	100	85.2	88.4
2,4-Dinitrotoluene	100	100	81.0	83.4
4-Chlorophenyl phenyl ether	100	100	89.9	95.3
4-Nitroaniline	100	100	78.9	81.8
4,6-Dinitro-2-methylphenol	100	100	90.0	95.3
4-Bromophenyl phenyl ether	100	100	97.2	105
Atrazine	100	100	84.4	88.2
Anthracene	100	100	91.5	97.6
Carbazole	100	100	85.4	90.6
Phenanthrene	100	100	91.0	97.5
Pentachlorophenol	100	100	86.6	90.5
Pyrene	100	100	95.3	102
Chrysene	100	100	93.5	98.3
Benzo[k]fluoranthene	100	100	95.1	99.6
Benzo[g,h,i]perylene	100	100	101	108
Benzo[b]fluoranthene	100	100	99.7	104
Benzo[a]pyrene	100	100	92.4	97.7
Benzo[a]anthracene	100	100	87.6	92.5
N-Nitrosodiphenylamine	100	100	94.6	102
Butyl benzyl phthalate	100	100	92.5	96.6
Bis(2-ethylhexyl) phthalate	100	100	91.1	96.5
Di-n-octyl phthalate	100	100	90.5	93.9
Indeno[1,2,3-cd]pyrene	100	100	102	110
Dibenz(a,h)anthracene	100	100	105	111
3,3'-Dichlorobenzidine	100	100	97.5	109
1,2,4,5-Tetrachlorobenzene	100	100	93.1	97.5
2,3,4,6-Tetrachlorophenol	100	100	93.2	94.5

Client: Antea USA, Inc. Job Number: 460-30837-1

Method Blank - Batch: 460-85882

Method: 8270C
Preparation: 3541

Lab Sample ID:	MB 460-85882/1-A	Analysis Batch:	460-86039	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-85882	Lab File ID:	u70071.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/14/2011 0300	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 1015			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Phenol	330	U	41	330
2-Chlorophenol	330	U	44	330
2-Methylphenol	330	U	48	330
4-Methylphenol	330	U	54	330
Benzaldehyde	330	U	21	330
Acetophenone	330	U	49	330
Bis(2-chloroethyl)ether	33	U	6.9	33
2,2'-oxybis[1-chloropropane]	330	U	43	330
N-Nitrosodi-n-propylamine	33	U	4.4	33
Nitrobenzene	33	U	7.4	33
Hexachloroethane	33	U	5.6	33
Isophorone	330	U	38	330
2-Nitrophenol	330	U	54	330
2,4-Dimethylphenol	330	U	53	330
2,4-Dichlorophenol	330	U	53	330
Bis(2-chloroethoxy)methane	330	U	47	330
Naphthalene	330	U	48	330
4-Chloroaniline	330	U	42	330
Hexachlorobutadiene	67	U	13	67
Caprolactam	330	U	45	330
4-Chloro-3-methylphenol	330	U	56	330
2-Methylnaphthalene	330	U	48	330
Hexachlorobenzene	33	U	4.6	33
Hexachlorocyclopentadiene	330	U	97	330
2,4,6-Trichlorophenol	330	U	59	330
2,4,5-Trichlorophenol	330	U	64	330
Diphenyl	330	U	55	330
2-Chloronaphthalene	330	U	47	330
2-Nitroaniline	670	U	91	670
2,6-Dinitrotoluene	67	U	8.4	67
Dimethyl phthalate	330	U	45	330
Acenaphthylene	330	U	47	330
3-Nitroaniline	670	U	75	670
Acenaphthene	330	U	47	330
4-Nitrophenol	1000	U	85	1000
2,4-Dinitrophenol	1000	U	70	1000
Dibenzofuran	330	U	50	330
Diethyl phthalate	330	U	44	330
Fluorene	330	U	56	330
Fluoranthene	330	U	55	330
Di-n-butyl phthalate	330	U	51	330
2,4-Dinitrotoluene	67	U	9.7	67
4-Chlorophenyl phenyl ether	330	U	57	330
4-Nitroaniline	670	U	68	670
4,6-Dinitro-2-methylphenol	1000	U	160	1000

Client: Antea USA, Inc. Job Number: 460-30837-1

Method Blank - Batch: 460-85882

Method: 8270C
Preparation: 3541

Lab Sample ID:	MB 460-85882/1-A	Analysis Batch:	460-86039	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-85882	Lab File ID:	u70071.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/14/2011 0300	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 1015			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
4-Bromophenyl phenyl ether	330	U	59	330
Atrazine	330	U	62	330
Anthracene	330	U	58	330
Carbazole	330	U	53	330
Phenanthrene	330	U	58	330
Pentachlorophenol	1000	U	160	1000
Pyrene	330	U	57	330
Chrysene	330	U	48	330
Benzo[k]fluoranthene	33	U	4.6	33
Benzo[g,h,i]perylene	330	U	35	330
Benzo[b]fluoranthene	33	U	4.9	33
Benzo[a]pyrene	33	U	4.1	33
Benzo[a]anthracene	33	U	6.1	33
N-Nitrosodiphenylamine	330	U	54	330
Butyl benzyl phthalate	330	U	39	330
Bis(2-ethylhexyl) phthalate	330	U	44	330
Di-n-octyl phthalate	330	U	39	330
Indeno[1,2,3-cd]pyrene	33	U	5.3	33
Dibenz(a,h)anthracene	33	U	4.0	33
3,3'-Dichlorobenzidine	670	U	73	670
1,2,4,5-Tetrachlorobenzene	330	U	45	330
2,3,4,6-Tetrachlorophenol	330	U	66	330

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	69	38 - 105
Phenol-d5	68	41 - 118
Terphenyl-d14	65	16 - 151
2,4,6-Tribromophenol	34	10 - 120
2-Fluorophenol	69	37 - 125
2-Fluorobiphenyl	70	40 - 109

Method Blank TICs- Batch: 460-85882

Cas Number	Analyte	RT	Est. Result	Qual
	Unknown Aldol Condensate	2.32	8800	A J

Client: Antea USA, Inc. Job Number: 460-30837-1

Lab Control Sample - Batch: 460-85882

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-85882/2-A	Analysis Batch:	460-86039	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-85882	Lab File ID:	u70064.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	09/14/2011 0024	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 1015			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phenol	6360	3670	58	54 - 115	
2-Chlorophenol	6400	4620	72	56 - 110	
2-Methylphenol	6410	4350	68	54 - 117	
4-Methylphenol	6410	3840	60	47 - 103	
Benzaldehyde	3330	1360	41	10 - 160	
Acetophenone	3330	2330	70	40 - 95	
Bis(2-chloroethyl)ether	3330	1990	60	44 - 101	
2,2'-oxybis[1-chloropropane]	3330	2160	65	45 - 102	
N-Nitrosodi-n-propylamine	3330	2500	75	42 - 107	
Nitrobenzene	3330	2160	65	42 - 106	
Hexachloroethane	3330	2170	65	45 - 90	
Isophorone	3330	2280	69	48 - 97	
2-Nitrophenol	6430	4370	68	55 - 101	
2,4-Dimethylphenol	6400	4620	72	56 - 112	
2,4-Dichlorophenol	6440	4280	66	58 - 115	
Bis(2-chloroethoxy)methane	3330	2290	69	51 - 100	
Naphthalene	3330	2280	69	53 - 94	
4-Chloroaniline	3330	2040	61	10 - 96	
Hexachlorobutadiene	3330	2320	70	45 - 98	
Caprolactam	3330	1250	38	10 - 127	
4-Chloro-3-methylphenol	6430	3970	62	55 - 117	
2-Methylnaphthalene	3330	2170	65	51 - 98	
Hexachlorobenzene	3330	2600	78	43 - 104	
Hexachlorocyclopentadiene	3330	2420	73	24 - 98	
2,4,6-Trichlorophenol	6480	4720	73	53 - 118	
2,4,5-Trichlorophenol	6480	4430	68	50 - 115	
Diphenyl	3330	2420	73	50 - 105	
2-Chloronaphthalene	3330	2410	72	51 - 102	
2-Nitroaniline	3330	2030	61	51 - 109	
2,6-Dinitrotoluene	3330	2520	76	51 - 115	
Dimethyl phthalate	3330	2320	70	52 - 112	
Acenaphthylene	3330	2340	70	51 - 103	
3-Nitroaniline	3330	1880	57	32 - 104	
Acenaphthene	3330	2360	71	46 - 100	
4-Nitrophenol	6660	3780	57	45 - 114	
2,4-Dinitrophenol	6660	742	11	10 - 129	J
Dibenzofuran	3330	2320	70	52 - 106	
Diethyl phthalate	3330	2260	68	52 - 114	
Fluorene	3330	2330	70	51 - 108	
Fluoranthene	3330	2290	69	49 - 108	
Di-n-butyl phthalate	3330	2290	69	50 - 108	
2,4-Dinitrotoluene	3330	2110	64	53 - 110	
4-Chlorophenyl phenyl ether	3330	2340	70	50 - 106	
4-Nitroaniline	3330	2140	64	45 - 106	
4,6-Dinitro-2-methylphenol	6660	1770	27	10 - 110	
4-Bromophenyl phenyl ether	3330	2680	80	44 - 102	

Client: Antea USA, Inc. Job Number: 460-30837-1

Lab Control Sample - Batch: 460-85882

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-85882/2-A	Analysis Batch:	460-86039	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-85882	Lab File ID:	u70064.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	09/14/2011 0024	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 1015			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Atrazine	3330	2390	72	30 - 100	
Anthracene	3330	2400	72	50 - 107	
Carbazole	3330	2380	71	49 - 104	
Phenanthrene	3330	2510	76	48 - 108	
Pentachlorophenol	6660	4260	64	19 - 113	
Pyrene	3330	2590	78	49 - 116	
Chrysene	3330	2440	73	45 - 114	
Benzo[k]fluoranthene	3330	2280	69	35 - 115	
Benzo[g,h,i]perylene	3330	2540	76	43 - 106	
Benzo[b]fluoranthene	3330	2470	74	33 - 96	
Benzo[a]pyrene	3330	2380	71	36 - 89	
Benzo[a]anthracene	3330	2510	75	46 - 112	
N-Nitrosodiphenylamine	3330	2720	82	49 - 106	
Butyl benzyl phthalate	3330	2350	71	49 - 117	
Bis(2-ethylhexyl) phthalate	3330	2280	68	49 - 119	
Di-n-octyl phthalate	3330	2080	63	40 - 106	
Indeno[1,2,3-cd]pyrene	3330	2750	83	43 - 109	
Dibenz(a,h)anthracene	3330	2640	79	43 - 107	
3,3'-Dichlorobenzidine	3330	2040	61	24 - 105	
1,2,4,5-Tetrachlorobenzene	3330	2350	71	70 - 130	
2,3,4,6-Tetrachlorophenol	3330	2490	75	70 - 130	

Client: Antea USA, Inc. Job Number: 460-30837-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-85882

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-30505-A-4-B MS	Analysis Batch:	460-86039	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-85882	Lab File ID:	u70082.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/14/2011 0659			Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 1015			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-30505-A-4-C MSD	Analysis Batch:	460-86039	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-85882	Lab File ID:	u70083.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	09/14/2011 0721			Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 1015			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Phenol	72	67	54 - 115	6	30		
2-Chlorophenol	77	75	56 - 110	3	30		
2-Methylphenol	76	70	54 - 117	8	30		
4-Methylphenol	68	65	47 - 103	5	30		
Benzaldehyde	91	89	10 - 160	2	30		
Acetophenone	80	73	40 - 95	10	30		
Bis(2-chloroethyl)ether	80	70	44 - 101	14	30		
2,2'-oxybis[1-chloropropane]	86	79	45 - 102	9	30		
N-Nitrosodi-n-propylamine	83	84	42 - 107	2	30		
Nitrobenzene	81	82	42 - 106	2	30		
Hexachloroethane	70	66	45 - 90	7	30		
Isophorone	84	86	48 - 97	2	30		
2-Nitrophenol	77	78	55 - 101	0	30		
2,4-Dimethylphenol	79	82	56 - 112	3	30		
2,4-Dichlorophenol	71	72	58 - 115	2	30		
Bis(2-chloroethoxy)methane	86	88	51 - 100	2	30		
Naphthalene	77	78	53 - 94	1	30		
4-Chloroaniline	62	58	10 - 96	7	30		
Hexachlorobutadiene	74	71	45 - 98	4	30		
Caprolactam	64	74	10 - 127	16	30		
4-Chloro-3-methylphenol	77	78	55 - 117	1	30		
2-Methylnaphthalene	66	70	51 - 98	7	30		
Hexachlorobenzene	75	71	43 - 104	5	30		
Hexachlorocyclopentadiene	67	64	24 - 98	4	30		
2,4,6-Trichlorophenol	91	83	53 - 118	8	30		
2,4,5-Trichlorophenol	91	88	50 - 115	3	30		
Diphenyl	91	88	50 - 105	4	30		
2-Chloronaphthalene	93	88	51 - 102	6	30		
2-Nitroaniline	98	93	51 - 109	6	30		
2,6-Dinitrotoluene	94	91	51 - 115	3	30		
Dimethyl phthalate	93	88	52 - 112	6	30		
Acenaphthylene	87	81	51 - 103	7	30		
3-Nitroaniline	70	64	32 - 104	8	30		

Client: Antea USA, Inc. Job Number: 460-30837-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-85882

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-30505-A-4-B MS	Analysis Batch:	460-86039	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-85882	Lab File ID:	u70082.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/14/2011 0659			Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 1015			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-30505-A-4-C MSD	Analysis Batch:	460-86039	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-85882	Lab File ID:	u70083.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	09/14/2011 0721			Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 1015			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	85	82	46 - 100	4	30		
4-Nitrophenol	83	78	45 - 114	6	30		
2,4-Dinitrophenol	19	13	10 - 129	38	30		J F
Dibenzofuran	77	74	52 - 106	4	30		
Diethyl phthalate	81	75	52 - 114	7	30		
Fluorene	72	69	51 - 108	5	30		
Fluoranthene	56	52	49 - 108	7	30		
Di-n-butyl phthalate	66	65	50 - 108	2	30		
2,4-Dinitrotoluene	79	73	53 - 110	8	30		
4-Chlorophenyl phenyl ether	72	70	50 - 106	3	30		
4-Nitroaniline	61	62	45 - 106	2	30		
4,6-Dinitro-2-methylphenol	46	34	10 - 110	31	30		F
4-Bromophenyl phenyl ether	82	74	44 - 102	9	30		
Atrazine	74	75	30 - 100	2	30		
Anthracene	76	79	50 - 107	4	30		
Carbazole	76	76	49 - 104	0	30		
Phenanthrene	89	77	48 - 108	14	30		
Pentachlorophenol	54	47	19 - 113	14	30		
Pyrene	60	61	49 - 116	1	30		
Chrysene	97	99	45 - 114	2	30		
Benzo[k]fluoranthene	68	67	35 - 115	2	30		
Benzo[g,h,i]perylene	101	95	43 - 106	6	30		
Benzo[b]fluoranthene	68	61	33 - 96	10	30		
Benzo[a]pyrene	72	68	36 - 89	5	30		
Benzo[a]anthracene	80	76	46 - 112	5	30		
N-Nitrosodiphenylamine	102	99	49 - 106	3	30		
Butyl benzyl phthalate	62	62	49 - 117	1	30		
Bis(2-ethylhexyl) phthalate	77	78	49 - 119	1	30		
Di-n-octyl phthalate	45	42	40 - 106	6	30		
Indeno[1,2,3-cd]pyrene	100	100	43 - 109	0	30		
Dibenz(a,h)anthracene	103	107	43 - 107	4	30		
3,3'-Dichlorobenzidine	63	64	24 - 105	3	30		
1,2,4,5-Tetrachlorobenzene	101	89	70 - 130	12	30		

Client: Antea USA, Inc. Job Number: 460-30837-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-85882

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-30505-A-4-B MS	Analysis Batch:	460-86039	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-85882	Lab File ID:	u70082.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/14/2011 0659			Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 1015			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-30505-A-4-C MSD	Analysis Batch:	460-86039	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-85882	Lab File ID:	u70083.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	09/14/2011 0721			Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 1015			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	61	51	70 - 130	18	30	F	F

Client: Antea USA, Inc. Job Number: 460-30837-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-85882

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-30505-A-4-B MS	Units: ug/Kg	MSD Lab Sample ID:	460-30505-A-4-C MSD	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	09/14/2011 0659		Analysis Date:	09/14/2011 0721	
Prep Date:	09/13/2011 1015		Prep Date:	09/13/2011 1015	
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	380	U	7450	7440	5350	5020	
2-Chlorophenol	380	U	7490	7480	5790	5610	
2-Methylphenol	380	U	7510	7500	5700	5260	
4-Methylphenol	380	U	7510	7500	5100	4870	
Benzaldehyde	380	U	3890	3890	3550	3470	
Acetophenone	380	U	3900	3890	3140	2830	
Bis(2-chloroethyl)ether	38	U	3890	3890	3120	2720	
2,2'-oxybis[1-chloropropane]	380	U	3890	3890	3340	3060	
N-Nitrosodi-n-propylamine	38	U	3890	3890	3210	3270	
Nitrobenzene	38	U	3890	3890	3150	3200	
Hexachloroethane	38	U	3890	3890	2750	2550	
Isophorone	380	U	3890	3890	3280	3340	
2-Nitrophenol	380	U	7520	7520	5820	5830	
2,4-Dimethylphenol	380	U	7490	7480	5950	6100	
2,4-Dichlorophenol	380	U	7540	7540	5350	5440	
Bis(2-chloroethoxy)methane	380	U	3890	3890	3360	3440	
Naphthalene	380	U	3890	3890	3000	3020	
4-Chloroaniline	380	U	3890	3890	2410	2260	
Hexachlorobutadiene	78	U	3890	3890	2880	2770	
Caprolactam	380	U	3900	3900	2480	2900	
4-Chloro-3-methylphenol	380	U	7530	7520	5830	5900	
2-Methylnaphthalene	380	U	3890	3890	2560	2730	
Hexachlorobenzene	38	U	3890	3890	2900	2750	
Hexachlorocyclopentadiene	380	U	3890	3890	2600	2500	
2,4,6-Trichlorophenol	380	U	7580	7580	6880	6320	
2,4,5-Trichlorophenol	380	U	7580	7580	6870	6660	
Diphenyl	380	U	3900	3890	3550	3410	
2-Chloronaphthalene	380	U	3890	3890	3610	3410	
2-Nitroaniline	780	U	3890	3890	3810	3600	
2,6-Dinitrotoluene	78	U	3890	3890	3670	3550	
Dimethyl phthalate	380	U	3890	3890	3630	3420	
Acenaphthylene	380	U	3890	3890	3370	3150	
3-Nitroaniline	780	U	3890	3890	2710	2500	
Acenaphthene	380	U	3890	3890	3330	3190	
4-Nitrophenol	1200	U	7790	7780	6460	6090	
2,4-Dinitrophenol	1200	U	7790	7780	1500	1020	J F
Dibenzofuran	380	U	3890	3890	3010	2890	
Diethyl phthalate	380	U	3890	3890	3150	2930	
Fluorene	380	U	3890	3890	2810	2680	
Fluoranthene	380	U	3890	3890	2170	2020	
Di-n-butyl phthalate	380	U	3890	3890	2570	2510	
2,4-Dinitrotoluene	78	U	3890	3890	3080	2830	
4-Chlorophenyl phenyl ether	380	U	3890	3890	2820	2740	

Client: Antea USA, Inc. Job Number: 460-30837-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-85882

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-30505-A-4-B MS	Units:	ug/Kg	MSD Lab Sample ID:	460-30505-A-4-C MSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/14/2011 0659			Analysis Date:	09/14/2011 0721
Prep Date:	09/13/2011 1015			Prep Date:	09/13/2011 1015
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	780	U	3890	3890	2370		2410	
4,6-Dinitro-2-methylphenol	1200	U	7790	7790	3610		2650	F
4-Bromophenyl phenyl ether	380	U	3890	3890	3180		2900	
Atrazine	380	U	3890	3890	2860		2920	
Anthracene	380	U	3890	3890	2970		3090	
Carbazole	380	U	3890	3890	2950		2960	
Phenanthrene	380	U	3890	3890	3450		3000	
Pentachlorophenol	1200	U	7790	7790	4220		3660	
Pyrene	380	U	3890	3890	2340		2370	
Chrysene	380	U	3890	3890	3780		3850	
Benzo[k]fluoranthene	38	U	3890	3890	2640		2600	
Benzo[g,h,i]perylene	380	U	3890	3890	3940		3700	
Benzo[b]fluoranthene	38	U	3890	3890	2640		2390	
Benzo[a]pyrene	38	U	3890	3890	2790		2650	
Benzo[a]anthracene	38	U	3890	3890	3110		2950	
N-Nitrosodiphenylamine	380	U	3900	3890	3970		3840	
Butyl benzyl phthalate	380	U	3890	3890	2410		2420	
Bis(2-ethylhexyl) phthalate	260	J	3890	3890	3250		3270	
Di-n-octyl phthalate	380	U	3890	3890	1750		1640	
Indeno[1,2,3-cd]pyrene	38	U	3890	3890	3890		3890	
Dibenz(a,h)anthracene	38	U	3890	3890	4030		4180	
3,3'-Dichlorobenzidine	780	U	3890	3890	2440		2500	
1,2,4,5-Tetrachlorobenzene	380	U	3890	3890	3930		3480	
2,3,4,6-Tetrachlorophenol	380	U	3890	3890	2380	F	1980	F

Client: Antea USA, Inc. Job Number: 460-30837-1

Method Blank - Batch: 460-86273 **Method: 8270C**
Preparation: 3541

Lab Sample ID:	MB 460-86273/1-A	Analysis Batch:	460-86513	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-86273	Lab File ID:	p19354.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/17/2011 0757	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/16/2011 0735			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Phenol	330	U	41	330
2-Chlorophenol	330	U	44	330
2-Methylphenol	330	U	48	330
4-Methylphenol	330	U	54	330
Benzaldehyde	330	U	21	330
Acetophenone	330	U	49	330
Bis(2-chloroethyl)ether	33	U	6.9	33
2,2'-oxybis[1-chloropropane]	330	U	43	330
N-Nitrosodi-n-propylamine	33	U	4.4	33
Nitrobenzene	33	U	7.4	33
Hexachloroethane	33	U	5.6	33
Isophorone	330	U	38	330
2-Nitrophenol	330	U	54	330
2,4-Dimethylphenol	330	U	53	330
2,4-Dichlorophenol	330	U	53	330
Bis(2-chloroethoxy)methane	330	U	47	330
Naphthalene	330	U	48	330
4-Chloroaniline	330	U	42	330
Hexachlorobutadiene	67	U	13	67
Caprolactam	330	U	45	330
4-Chloro-3-methylphenol	330	U	56	330
2-Methylnaphthalene	330	U	48	330
Hexachlorobenzene	33	U	4.6	33
Hexachlorocyclopentadiene	330	U	97	330
2,4,6-Trichlorophenol	330	U	59	330
2,4,5-Trichlorophenol	330	U	64	330
Diphenyl	330	U	55	330
2-Chloronaphthalene	330	U	47	330
2-Nitroaniline	670	U	91	670
2,6-Dinitrotoluene	67	U	8.4	67
Dimethyl phthalate	330	U	45	330
Acenaphthylene	330	U	47	330
3-Nitroaniline	670	U	75	670
Acenaphthene	330	U	47	330
4-Nitrophenol	1000	U	85	1000
2,4-Dinitrophenol	1000	U	70	1000
Dibenzofuran	330	U	50	330
Diethyl phthalate	330	U	44	330
Fluorene	330	U	56	330
Fluoranthene	330	U	55	330
Di-n-butyl phthalate	330	U	51	330
2,4-Dinitrotoluene	67	U	9.7	67
4-Chlorophenyl phenyl ether	330	U	57	330
4-Nitroaniline	670	U	68	670
4,6-Dinitro-2-methylphenol	1000	U	160	1000

Client: Antea USA, Inc. Job Number: 460-30837-1

Method Blank - Batch: 460-86273

Method: 8270C
Preparation: 3541

Lab Sample ID:	MB 460-86273/1-A	Analysis Batch:	460-86513	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-86273	Lab File ID:	p19354.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/17/2011 0757	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/16/2011 0735			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
4-Bromophenyl phenyl ether	330	U	59	330
Atrazine	330	U	62	330
Anthracene	330	U	58	330
Carbazole	330	U	53	330
Phenanthrene	330	U	58	330
Pentachlorophenol	1000	U	160	1000
Pyrene	330	U	57	330
Chrysene	330	U	48	330
Benzo[k]fluoranthene	33	U	4.6	33
Benzo[g,h,i]perylene	330	U	35	330
Benzo[b]fluoranthene	33	U	4.9	33
Benzo[a]pyrene	33	U	4.1	33
Benzo[a]anthracene	33	U	6.1	33
N-Nitrosodiphenylamine	330	U	54	330
Butyl benzyl phthalate	330	U	39	330
Bis(2-ethylhexyl) phthalate	330	U	44	330
Di-n-octyl phthalate	330	U	39	330
Indeno[1,2,3-cd]pyrene	33	U	5.3	33
Dibenz(a,h)anthracene	33	U	4.0	33
3,3'-Dichlorobenzidine	670	U	73	670
1,2,4,5-Tetrachlorobenzene	330	U	45	330
2,3,4,6-Tetrachlorophenol	330	U	66	330

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	92	38 - 105
Phenol-d5	86	41 - 118
Terphenyl-d14	96	16 - 151
2,4,6-Tribromophenol	93	10 - 120
2-Fluorophenol	87	37 - 125
2-Fluorobiphenyl	92	40 - 109

Method Blank TICs- Batch: 460-86273

Cas Number	Analyte	RT	Est. Result	Qual
	Unknown Aldol Condensate	2.74	6580	A J

Client: Antea USA, Inc. Job Number: 460-30837-1

Lab Control Sample - Batch: 460-86273

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-86273/2-A	Analysis Batch:	460-86671	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-86273	Lab File ID:	p19375.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/18/2011 0333	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/16/2011 0735			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phenol	6370	4450	70	54 - 115	
2-Chlorophenol	6410	4690	73	56 - 110	
2-Methylphenol	6420	4610	72	54 - 117	
4-Methylphenol	6420	4280	67	47 - 103	
Benzaldehyde	3330	2940	88	10 - 160	
Acetophenone	3340	2430	73	40 - 95	
Bis(2-chloroethyl)ether	3330	2490	75	44 - 101	
2,2'-oxybis[1-chloropropane]	3330	2600	78	45 - 102	
N-Nitrosodi-n-propylamine	3330	2540	76	42 - 107	
Nitrobenzene	3330	2700	81	42 - 106	
Hexachloroethane	3330	2590	78	45 - 90	
Isophorone	3330	2600	78	48 - 97	
2-Nitrophenol	6440	5270	82	55 - 101	
2,4-Dimethylphenol	6410	4900	76	56 - 112	
2,4-Dichlorophenol	6450	4840	75	58 - 115	
Bis(2-chloroethoxy)methane	3330	2610	78	51 - 100	
Naphthalene	3330	2650	80	53 - 94	
4-Chloroaniline	3330	1190	36	10 - 96	
Hexachlorobutadiene	3330	2720	82	45 - 98	
Caprolactam	3340	2150	64	10 - 127	
4-Chloro-3-methylphenol	6440	4620	72	55 - 117	
2-Methylnaphthalene	3330	2530	76	51 - 98	
Hexachlorobenzene	3330	2950	88	43 - 104	
Hexachlorocyclopentadiene	3330	2980	89	24 - 98	
2,4,6-Trichlorophenol	6490	5500	85	53 - 118	
2,4,5-Trichlorophenol	6490	5300	82	50 - 115	
Diphenyl	3340	2780	83	50 - 105	
2-Chloronaphthalene	3330	2820	85	51 - 102	
2-Nitroaniline	3330	2620	79	51 - 109	
2,6-Dinitrotoluene	3330	2570	77	51 - 115	
Dimethyl phthalate	3330	2470	74	52 - 112	
Acenaphthylene	3330	2640	79	51 - 103	
3-Nitroaniline	3330	1330	40	32 - 104	
Acenaphthene	3330	2630	79	46 - 100	
4-Nitrophenol	6670	4620	69	45 - 114	
2,4-Dinitrophenol	6670	4940	74	10 - 129	
Dibenzofuran	3330	2580	77	52 - 106	
Diethyl phthalate	3330	2370	71	52 - 114	
Fluorene	3330	2540	76	51 - 108	
Fluoranthene	3330	2720	82	49 - 108	
Di-n-butyl phthalate	3330	2580	77	50 - 108	
2,4-Dinitrotoluene	3330	2320	70	53 - 110	
4-Chlorophenyl phenyl ether	3330	2600	78	50 - 106	
4-Nitroaniline	3330	2100	63	45 - 106	
4,6-Dinitro-2-methylphenol	6670	5800	87	10 - 110	
4-Bromophenyl phenyl ether	3330	3040	91	44 - 102	

Client: Antea USA, Inc. Job Number: 460-30837-1

Lab Control Sample - Batch: 460-86273

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-86273/2-A	Analysis Batch:	460-86671	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-86273	Lab File ID:	p19375.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/18/2011 0333	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/16/2011 0735			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Atrazine	3330	2430	73	30 - 100	
Anthracene	3330	2760	83	50 - 107	
Carbazole	3330	2620	78	49 - 104	
Phenanthrene	3330	2800	84	48 - 108	
Pentachlorophenol	6670	5990	90	19 - 113	
Pyrene	3330	2150	65	49 - 116	
Chrysene	3330	2810	84	45 - 114	
Benzo[k]fluoranthene	3330	3050	91	35 - 115	
Benzo[g,h,i]perylene	3330	3030	91	43 - 106	
Benzo[b]fluoranthene	3330	3000	90	33 - 96	
Benzo[a]pyrene	3330	2900	87	36 - 89	
Benzo[a]anthracene	3330	2720	82	46 - 112	
N-Nitrosodiphenylamine	3330	2940	88	49 - 106	
Butyl benzyl phthalate	3330	2380	71	49 - 117	
Bis(2-ethylhexyl) phthalate	3330	2400	72	49 - 119	
Di-n-octyl phthalate	3330	2930	88	40 - 106	
Indeno[1,2,3-cd]pyrene	3330	3270	98	43 - 109	
Dibenz(a,h)anthracene	3330	3180	95	43 - 107	
3,3'-Dichlorobenzidine	3330	1880	56	24 - 105	
1,2,4,5-Tetrachlorobenzene	3330	2960	89	70 - 130	
2,3,4,6-Tetrachlorophenol	3330	2550	76	70 - 130	

Client: Antea USA, Inc. Job Number: 460-30837-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-86273

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-31126-B-4-A MS	Analysis Batch:	460-86513	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-86273	Lab File ID:	p19356.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/17/2011 0848			Final Weight/Volume:	1 mL
Prep Date:	09/16/2011 0735			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-31126-C-4-A MSD	Analysis Batch:	460-86513	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-86273	Lab File ID:	p19357.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	09/17/2011 0914			Final Weight/Volume:	1 mL
Prep Date:	09/16/2011 0735			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Phenol	74	80	54 - 115	6	30		
2-Chlorophenol	79	83	56 - 110	4	30		
2-Methylphenol	78	84	54 - 117	5	30		
4-Methylphenol	72	78	47 - 103	7	30		
Benzaldehyde	81	76	10 - 160	8	30		
Acetophenone	76	82	40 - 95	6	30		
Bis(2-chloroethyl)ether	78	81	44 - 101	4	30		
2,2'-oxybis[1-chloropropane]	81	84	45 - 102	4	30		
N-Nitrosodi-n-propylamine	83	90	42 - 107	7	30		
Nitrobenzene	83	88	42 - 106	5	30		
Hexachloroethane	81	85	45 - 90	4	30		
Isophorone	81	91	48 - 97	10	30		
2-Nitrophenol	84	92	55 - 101	8	30		
2,4-Dimethylphenol	82	91	56 - 112	9	30		
2,4-Dichlorophenol	79	87	58 - 115	8	30		
Bis(2-chloroethoxy)methane	82	89	51 - 100	7	30		
Naphthalene	81	88	53 - 94	7	30		
4-Chloroaniline	48	39	10 - 96	21	30		
Hexachlorobutadiene	83	87	45 - 98	4	30		
Caprolactam	77	90	10 - 127	15	30		
4-Chloro-3-methylphenol	80	92	55 - 117	13	30		
2-Methylnaphthalene	79	88	51 - 98	10	30		
Hexachlorobenzene	88	95	43 - 104	7	30		
Hexachlorocyclopentadiene	86	85	24 - 98	2	30		
2,4,6-Trichlorophenol	88	95	53 - 118	7	30		
2,4,5-Trichlorophenol	84	93	50 - 115	9	30		
Diphenyl	84	90	50 - 105	6	30		
2-Chloronaphthalene	84	89	51 - 102	5	30		
2-Nitroaniline	85	92	51 - 109	8	30		
2,6-Dinitrotoluene	82	93	51 - 115	12	30		
Dimethyl phthalate	83	91	52 - 112	8	30		
Acenaphthylene	81	86	51 - 103	6	30		
3-Nitroaniline	55	57	32 - 104	2	30		

Client: Antea USA, Inc. Job Number: 460-30837-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-86273

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-31126-B-4-A MS	Analysis Batch:	460-86513	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-86273	Lab File ID:	p19356.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/17/2011 0848			Final Weight/Volume:	1 mL
Prep Date:	09/16/2011 0735			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-31126-C-4-A MSD	Analysis Batch:	460-86513	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-86273	Lab File ID:	p19357.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	09/17/2011 0914			Final Weight/Volume:	1 mL
Prep Date:	09/16/2011 0735			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	81	86	46 - 100	6	30		
4-Nitrophenol	84	93	45 - 114	10	30		
2,4-Dinitrophenol	80	95	10 - 129	16	30		
Dibenzofuran	81	89	52 - 106	8	30		
Diethyl phthalate	81	92	52 - 114	12	30		
Fluorene	83	91	51 - 108	9	30		
Fluoranthene	88	93	49 - 108	4	30		
Di-n-butyl phthalate	86	94	50 - 108	8	30		
2,4-Dinitrotoluene	83	94	53 - 110	11	30		
4-Chlorophenyl phenyl ether	84	92	50 - 106	8	30		
4-Nitroaniline	77	78	45 - 106	0	30		
4,6-Dinitro-2-methylphenol	90	100	10 - 110	9	30		
4-Bromophenyl phenyl ether	91	95	44 - 102	3	30		
Atrazine	78	83	30 - 100	5	30		
Anthracene	85	90	50 - 107	6	30		
Carbazole	85	92	49 - 104	6	30		
Phenanthrene	86	92	48 - 108	6	30		
Pentachlorophenol	95	105	19 - 113	9	30		
Pyrene	80	86	49 - 116	6	30		
Chrysene	87	93	45 - 114	6	30		
Benzo[k]fluoranthene	95	101	35 - 115	5	30		
Benzo[g,h,i]perylene	97	103	43 - 106	5	30		
Benzo[b]fluoranthene	93	99	33 - 96	5	30		F
Benzo[a]pyrene	90	97	36 - 89	7	30	F	F
Benzo[a]anthracene	83	89	46 - 112	6	30		
N-Nitrosodiphenylamine	88	95	49 - 106	7	30		
Butyl benzyl phthalate	83	89	49 - 117	7	30		
Bis(2-ethylhexyl) phthalate	84	92	49 - 119	7	30		
Di-n-octyl phthalate	92	92	40 - 106	1	30		
Indeno[1,2,3-cd]pyrene	103	106	43 - 109	2	30		
Dibenz(a,h)anthracene	101	106	43 - 107	4	30		
3,3'-Dichlorobenzidine	63	60	24 - 105	6	30		
1,2,4,5-Tetrachlorobenzene	87	90	70 - 130	3	30		

Client: Antea USA, Inc. Job Number: 460-30837-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-86273

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-31126-B-4-A MS	Analysis Batch:	460-86513	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-86273	Lab File ID:	p19356.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/17/2011 0848			Final Weight/Volume:	1 mL
Prep Date:	09/16/2011 0735			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-31126-C-4-A MSD	Analysis Batch:	460-86513	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-86273	Lab File ID:	p19357.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	09/17/2011 0914			Final Weight/Volume:	1 mL
Prep Date:	09/16/2011 0735			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	84	96	70 - 130	12	30		

Client: Antea USA, Inc. Job Number: 460-30837-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-86273

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-31126-B-4-A MS	Units: ug/Kg	MSD Lab Sample ID:	460-31126-C-4-A MSD	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	09/17/2011 0848		Analysis Date:	09/17/2011 0914	
Prep Date:	09/16/2011 0735		Prep Date:	09/16/2011 0735	
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	470	U	9010	8930	6680	7120
2-Chlorophenol	470	U	9060	8980	7140	7430
2-Methylphenol	470	U	9080	9000	7120	7520
4-Methylphenol	470	U	9080	9000	6550	7060
Benzaldehyde	470	U	4710	4670	3820	3530
Acetophenone	470	U	4720	4670	3600	3840
Bis(2-chloroethyl)ether	47	U	4710	4670	3650	3810
2,2'-oxybis[1-chloropropane]	470	U	4710	4670	3800	3940
N-Nitrosodi-n-propylamine	47	U	4710	4670	3930	4190
Nitrobenzene	47	U	4710	4670	3910	4100
Hexachloroethane	47	U	4710	4670	3800	3970
Isophorone	470	U	4710	4670	3830	4240
2-Nitrophenol	470	U	9110	9030	7660	8270
2,4-Dimethylphenol	470	U	9070	8980	7430	8130
2,4-Dichlorophenol	470	U	9130	9040	7250	7890
Bis(2-chloroethoxy)methane	470	U	4710	4670	3850	4140
Naphthalene	470	U	4710	4670	3800	4090
4-Chloroaniline	470	U	4710	4670	2250	1830
Hexachlorobutadiene	95	U	4710	4670	3900	4040
Caprolactam	470	U	4720	4680	3640	4220
4-Chloro-3-methylphenol	470	U	9110	9030	7290	8320
2-Methylnaphthalene	470	U	4710	4670	3710	4100
Hexachlorobenzene	47	U	4710	4670	4150	4450
Hexachlorocyclopentadiene	470	U	4710	4670	4060	3990
2,4,6-Trichlorophenol	470	U	9180	9100	8090	8630
2,4,5-Trichlorophenol	470	U	9180	9100	7740	8440
Diphenyl	470	U	4720	4670	3970	4200
2-Chloronaphthalene	470	U	4710	4670	3950	4150
2-Nitroaniline	950	U	4710	4670	3990	4310
2,6-Dinitrotoluene	95	U	4710	4670	3880	4360
Dimethyl phthalate	470	U	4710	4670	3930	4260
Acenaphthylene	470	U	4710	4670	3810	4030
3-Nitroaniline	950	U	4710	4670	2600	2640
Acenaphthene	470	U	4710	4670	3810	4040
4-Nitrophenol	1400	U	9430	9340	7880	8680
2,4-Dinitrophenol	1400	U	9430	9340	7520	8870
Dibenzofuran	470	U	4710	4670	3830	4150
Diethyl phthalate	470	U	4710	4670	3810	4290
Fluorene	470	U	4710	4670	3900	4270
Fluoranthene	470	U	4710	4670	4140	4320
Di-n-butyl phthalate	470	U	4710	4670	4070	4410
2,4-Dinitrotoluene	95	U	4710	4670	3900	4370
4-Chlorophenyl phenyl ether	470	U	4710	4670	3950	4300

Client: Antea USA, Inc. Job Number: 460-30837-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-86273

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-31126-B-4-A MS	Units:	ug/Kg	MSD Lab Sample ID:	460-31126-C-4-A MSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/17/2011 0848			Analysis Date:	09/17/2011 0914
Prep Date:	09/16/2011 0735			Prep Date:	09/16/2011 0735
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	950	U	4710	4670	3630		3630	
4,6-Dinitro-2-methylphenol	1400	U	9430	9350	8540		9370	
4-Bromophenyl phenyl ether	470	U	4710	4670	4300		4450	
Atrazine	470	U	4710	4670	3700		3880	
Anthracene	470	U	4710	4670	3990		4220	
Carbazole	470	U	4710	4670	4030		4280	
Phenanthrene	470	U	4710	4670	4030		4300	
Pentachlorophenol	1400	U	9430	9350	8970		9790	
Pyrene	470	U	4710	4670	3750		4000	
Chrysene	470	U	4710	4670	4100		4360	
Benzo[k]fluoranthene	47	U	4710	4670	4490		4720	
Benzo[g,h,i]perylene	470	U	4710	4670	4580		4790	
Benzo[b]fluoranthene	47	U	4710	4670	4400		4620	F
Benzo[a]pyrene	47	U	4710	4670	4250	F	4540	F
Benzo[a]anthracene	47	U	4710	4670	3910		4170	
N-Nitrosodiphenylamine	470	U	4720	4670	4150		4460	
Butyl benzyl phthalate	470	U	4710	4670	3900		4170	
Bis(2-ethylhexyl) phthalate	470	U	4710	4670	3980		4280	
Di-n-octyl phthalate	470	U	4710	4670	4320		4290	
Indeno[1,2,3-cd]pyrene	47	U	4710	4670	4870		4960	
Dibenz(a,h)anthracene	47	U	4710	4670	4780		4970	
3,3'-Dichlorobenzidine	950	U	4710	4670	2990		2810	
1,2,4,5-Tetrachlorobenzene	470	U	4710	4670	4080		4190	
2,3,4,6-Tetrachlorophenol	470	U	4710	4670	3980		4490	

Client: Antea USA, Inc. Job Number: 460-30837-1

Method Blank - Batch: 460-86534 **Method: 8270C**
Preparation: 3541

Lab Sample ID:	MB 460-86534/1-A	Analysis Batch:	460-86807	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-86534	Lab File ID:	u70285.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/21/2011 0211	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/19/2011 1200			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Phenol	330	U	41	330
2-Chlorophenol	330	U	44	330
2-Methylphenol	330	U	48	330
4-Methylphenol	330	U	54	330
Benzaldehyde	330	U	21	330
Acetophenone	330	U	49	330
Bis(2-chloroethyl)ether	33	U	6.9	33
2,2'-oxybis[1-chloropropane]	330	U	43	330
N-Nitrosodi-n-propylamine	33	U	4.4	33
Nitrobenzene	33	U	7.4	33
Hexachloroethane	33	U	5.6	33
Isophorone	330	U	38	330
2-Nitrophenol	330	U	54	330
2,4-Dimethylphenol	330	U	53	330
2,4-Dichlorophenol	330	U	53	330
Bis(2-chloroethoxy)methane	330	U	47	330
Naphthalene	330	U	48	330
4-Chloroaniline	330	U	42	330
Hexachlorobutadiene	67	U	13	67
Caprolactam	330	U	45	330
4-Chloro-3-methylphenol	330	U	56	330
2-Methylnaphthalene	330	U	48	330
Hexachlorobenzene	33	U	4.6	33
Hexachlorocyclopentadiene	330	U	97	330
2,4,6-Trichlorophenol	330	U	59	330
2,4,5-Trichlorophenol	330	U	64	330
Diphenyl	330	U	55	330
2-Chloronaphthalene	330	U	47	330
2-Nitroaniline	670	U	91	670
2,6-Dinitrotoluene	67	U	8.4	67
Dimethyl phthalate	330	U	45	330
Acenaphthylene	330	U	47	330
3-Nitroaniline	670	U	75	670
Acenaphthene	330	U	47	330
4-Nitrophenol	1000	U	85	1000
2,4-Dinitrophenol	1000	U	70	1000
Dibenzofuran	330	U	50	330
Diethyl phthalate	330	U	44	330
Fluorene	330	U	56	330
Fluoranthene	330	U	55	330
Di-n-butyl phthalate	330	U	51	330
2,4-Dinitrotoluene	67	U	9.7	67
4-Chlorophenyl phenyl ether	330	U	57	330
4-Nitroaniline	670	U	68	670
4,6-Dinitro-2-methylphenol	1000	U	160	1000

Client: Antea USA, Inc. Job Number: 460-30837-1

Method Blank - Batch: 460-86534

Method: 8270C
Preparation: 3541

Lab Sample ID:	MB 460-86534/1-A	Analysis Batch:	460-86807	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-86534	Lab File ID:	u70285.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/21/2011 0211	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/19/2011 1200			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
4-Bromophenyl phenyl ether	330	U	59	330
Atrazine	330	U	62	330
Anthracene	330	U	58	330
Carbazole	330	U	53	330
Phenanthrene	330	U	58	330
Pentachlorophenol	1000	U	160	1000
Pyrene	330	U	57	330
Chrysene	330	U	48	330
Benzo[k]fluoranthene	33	U	4.6	33
Benzo[g,h,i]perylene	330	U	35	330
Benzo[b]fluoranthene	33	U	4.9	33
Benzo[a]pyrene	33	U	4.1	33
Benzo[a]anthracene	33	U	6.1	33
N-Nitrosodiphenylamine	330	U	54	330
Butyl benzyl phthalate	330	U	39	330
Bis(2-ethylhexyl) phthalate	330	U	44	330
Di-n-octyl phthalate	330	U	39	330
Indeno[1,2,3-cd]pyrene	33	U	5.3	33
Dibenz(a,h)anthracene	33	U	4.0	33
3,3'-Dichlorobenzidine	670	U	73	670
1,2,4,5-Tetrachlorobenzene	330	U	45	330
2,3,4,6-Tetrachlorophenol	330	U	66	330

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	74	38 - 105
Phenol-d5	72	41 - 118
Terphenyl-d14	56	16 - 151
2,4,6-Tribromophenol	71	10 - 120
2-Fluorophenol	65	37 - 125
2-Fluorobiphenyl	75	40 - 109

Method Blank TICs- Batch: 460-86534

Cas Number	Analyte	RT	Est. Result	Qual
	Unknown Aldol Condensate	2.11	8540	A J

Client: Antea USA, Inc. Job Number: 460-30837-1

Lab Control Sample - Batch: 460-86534

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-86534/2-A	Analysis Batch:	460-86807	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-86534	Lab File ID:	u70283.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/21/2011 0043	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/19/2011 1200			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phenol	6370	4470	70	54 - 115	
2-Chlorophenol	6410	4730	74	56 - 110	
2-Methylphenol	6420	4730	74	54 - 117	
4-Methylphenol	6420	4350	68	47 - 103	
Benzaldehyde	3330	1650	49	10 - 160	
Acetophenone	3340	2490	75	40 - 95	
Bis(2-chloroethyl)ether	3330	2470	74	44 - 101	
2,2'-oxybis[1-chloropropane]	3330	2160	65	45 - 102	
N-Nitrosodi-n-propylamine	3330	2710	81	42 - 107	
Nitrobenzene	3330	2560	77	42 - 106	
Hexachloroethane	3330	2230	67	45 - 90	
Isophorone	3330	2610	78	48 - 97	
2-Nitrophenol	6440	4480	70	55 - 101	
2,4-Dimethylphenol	6410	4800	75	56 - 112	
2,4-Dichlorophenol	6450	4940	76	58 - 115	
Bis(2-chloroethoxy)methane	3330	2470	74	51 - 100	
Naphthalene	3330	2360	71	53 - 94	
4-Chloroaniline	3330	2040	61	10 - 96	
Hexachlorobutadiene	3330	2370	71	45 - 98	
Caprolactam	3340	3760	113	10 - 127	
4-Chloro-3-methylphenol	6440	4690	73	55 - 117	
2-Methylnaphthalene	3330	2320	70	51 - 98	
Hexachlorobenzene	3330	2330	70	43 - 104	
Hexachlorocyclopentadiene	3330	2040	61	24 - 98	
2,4,6-Trichlorophenol	6490	4630	71	53 - 118	
2,4,5-Trichlorophenol	6490	4550	70	50 - 115	
Diphenyl	3340	2170	65	50 - 105	
2-Chloronaphthalene	3330	2230	67	51 - 102	
2-Nitroaniline	3330	2470	74	51 - 109	
2,6-Dinitrotoluene	3330	2580	78	51 - 115	
Dimethyl phthalate	3330	2590	78	52 - 112	
Acenaphthylene	3330	2300	69	51 - 103	
3-Nitroaniline	3330	1750	53	32 - 104	
Acenaphthene	3330	2310	69	46 - 100	
4-Nitrophenol	6670	5230	78	45 - 114	
2,4-Dinitrophenol	6670	5780	87	10 - 129	
Dibenzofuran	3330	2300	69	52 - 106	
Diethyl phthalate	3330	2540	76	52 - 114	
Fluorene	3330	2470	74	51 - 108	
Fluoranthene	3330	2470	74	49 - 108	
Di-n-butyl phthalate	3330	2410	72	50 - 108	
2,4-Dinitrotoluene	3330	2580	78	53 - 110	
4-Chlorophenyl phenyl ether	3330	2520	76	50 - 106	
4-Nitroaniline	3330	2580	78	45 - 106	
4,6-Dinitro-2-methylphenol	6670	5670	85	10 - 110	
4-Bromophenyl phenyl ether	3330	2440	73	44 - 102	

Client: Antea USA, Inc. Job Number: 460-30837-1

Lab Control Sample - Batch: 460-86534

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-86534/2-A	Analysis Batch:	460-86807	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-86534	Lab File ID:	u70283.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/21/2011 0043	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/19/2011 1200			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Atrazine	3330	2420	73	30 - 100	
Anthracene	3330	2370	71	50 - 107	
Carbazole	3330	2470	74	49 - 104	
Phenanthrene	3330	2550	77	48 - 108	
Pentachlorophenol	6670	5620	84	19 - 113	
Pyrene	3330	2340	70	49 - 116	
Chrysene	3330	2300	69	45 - 114	
Benzo[k]fluoranthene	3330	3300	99	35 - 115	
Benzo[g,h,i]perylene	3330	2940	88	43 - 106	
Benzo[b]fluoranthene	3330	2900	87	33 - 96	
Benzo[a]pyrene	3330	2920	87	36 - 89	
Benzo[a]anthracene	3330	2450	74	46 - 112	
N-Nitrosodiphenylamine	3330	2290	69	49 - 106	
Butyl benzyl phthalate	3330	2390	72	49 - 117	
Bis(2-ethylhexyl) phthalate	3330	2310	69	49 - 119	
Di-n-octyl phthalate	3330	3110	93	40 - 106	
Indeno[1,2,3-cd]pyrene	3330	3040	91	43 - 109	
Dibenz(a,h)anthracene	3330	2760	83	43 - 107	
3,3'-Dichlorobenzidine	3330	1700	51	24 - 105	
1,2,4,5-Tetrachlorobenzene	3330	2270	68	70 - 130	*
2,3,4,6-Tetrachlorophenol	3330	2660	80	70 - 130	

Client: Antea USA, Inc. Job Number: 460-30837-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-86534

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-30837-28	Analysis Batch:	460-86807	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-86534	Lab File ID:	u70306.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/21/2011 0903			Final Weight/Volume:	1 mL
Prep Date:	09/19/2011 1200			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-30837-28	Analysis Batch:	460-86807	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-86534	Lab File ID:	u70303.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	09/21/2011 0802			Final Weight/Volume:	1 mL
Prep Date:	09/19/2011 1200			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Phenol	70	74	54 - 115	5	30		
2-Chlorophenol	80	74	56 - 110	7	30		
2-Methylphenol	84	79	54 - 117	6	30		
4-Methylphenol	75	74	47 - 103	2	30		
Benzaldehyde	76	74	10 - 160	2	30		
Acetophenone	86	82	40 - 95	5	30		
Bis(2-chloroethyl)ether	83	77	44 - 101	9	30		
2,2'-oxybis[1-chloropropane]	78	74	45 - 102	6	30		
N-Nitrosodi-n-propylamine	99	95	42 - 107	4	30		
Nitrobenzene	79	70	42 - 106	12	30		
Hexachloroethane	70	72	45 - 90	3	30		
Isophorone	87	79	48 - 97	10	30		
2-Nitrophenol	73	67	55 - 101	9	30		
2,4-Dimethylphenol	83	74	56 - 112	12	30		
2,4-Dichlorophenol	78	72	58 - 115	9	30		
Bis(2-chloroethoxy)methane	75	74	51 - 100	0	30		
Naphthalene	76	71	53 - 94	7	30		
4-Chloroaniline	60	57	10 - 96	5	30		
Hexachlorobutadiene	73	68	45 - 98	7	30		
Caprolactam	56	54	10 - 127	5	30		
4-Chloro-3-methylphenol	80	73	55 - 117	8	30		
2-Methylnaphthalene	70	66	51 - 98	6	30		
Hexachlorobenzene	77	72	43 - 104	7	30		
Hexachlorocyclopentadiene	63	62	24 - 98	1	30		
2,4,6-Trichlorophenol	79	72	53 - 118	10	30		
2,4,5-Trichlorophenol	79	72	50 - 115	9	30		
Diphenyl	76	71	50 - 105	8	30		
2-Chloronaphthalene	76	68	51 - 102	11	30		
2-Nitroaniline	85	76	51 - 109	11	30		
2,6-Dinitrotoluene	91	83	51 - 115	10	30		
Dimethyl phthalate	91	85	52 - 112	8	30		
Acenaphthylene	76	71	51 - 103	8	30		
3-Nitroaniline	66	62	32 - 104	7	30		

Client: Antea USA, Inc. Job Number: 460-30837-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-86534

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-30837-28	Analysis Batch:	460-86807	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-86534	Lab File ID:	u70306.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/21/2011 0903			Final Weight/Volume:	1 mL
Prep Date:	09/19/2011 1200			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-30837-28	Analysis Batch:	460-86807	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-86534	Lab File ID:	u70303.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	09/21/2011 0802			Final Weight/Volume:	1 mL
Prep Date:	09/19/2011 1200			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	81	73	46 - 100	11	30		
4-Nitrophenol	75	82	45 - 114	10	30		
2,4-Dinitrophenol	27	27	10 - 129	1	30		
Dibenzofuran	75	68	52 - 106	10	30		
Diethyl phthalate	90	84	52 - 114	8	30		
Fluorene	86	77	51 - 108	12	30		
Fluoranthene	77	73	49 - 108	5	30		
Di-n-butyl phthalate	84	78	50 - 108	8	30		
2,4-Dinitrotoluene	95	81	53 - 110	16	30		
4-Chlorophenyl phenyl ether	85	76	50 - 106	12	30		
4-Nitroaniline	78	76	45 - 106	3	30		
4,6-Dinitro-2-methylphenol	47	46	10 - 110	1	30		
4-Bromophenyl phenyl ether	77	75	44 - 102	3	30		
Atrazine	74	77	30 - 100	4	30		
Anthracene	76	73	50 - 107	4	30		
Carbazole	83	74	49 - 104	11	30		
Phenanthrene	79	77	48 - 108	3	30		
Pentachlorophenol	64	68	19 - 113	6	30		
Pyrene	84	96	49 - 116	13	30		
Chrysene	79	76	45 - 114	4	30		
Benzo[k]fluoranthene	92	99	35 - 115	6	30		
Benzo[g,h,i]perylene	113	93	43 - 106	20	30	F	
Benzo[b]fluoranthene	101	92	33 - 96	10	30	F	
Benzo[a]pyrene	98	94	36 - 89	4	30	F	F
Benzo[a]anthracene	84	80	46 - 112	5	30		
N-Nitrosodiphenylamine	78	74	49 - 106	5	30		
Butyl benzyl phthalate	92	95	49 - 117	4	30		
Bis(2-ethylhexyl) phthalate	90	96	49 - 119	7	30		
Di-n-octyl phthalate	103	116	40 - 106	12	30		F
Indeno[1,2,3-cd]pyrene	115	94	43 - 109	20	30	F	
Dibenz(a,h)anthracene	102	88	43 - 107	15	30		
3,3'-Dichlorobenzidine	63	62	24 - 105	1	30		
1,2,4,5-Tetrachlorobenzene	75	66	70 - 130	13	30		F

Client: Antea USA, Inc. Job Number: 460-30837-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-86534

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-30837-28	Analysis Batch:	460-86807	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-86534	Lab File ID:	u70306.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/21/2011 0903			Final Weight/Volume:	1 mL
Prep Date:	09/19/2011 1200			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-30837-28	Analysis Batch:	460-86807	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-86534	Lab File ID:	u70303.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	09/21/2011 0802			Final Weight/Volume:	1 mL
Prep Date:	09/19/2011 1200			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	86	84	70 - 130	2	30		

Client: Antea USA, Inc. Job Number: 460-30837-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-86534

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-30837-28	Units:	ug/Kg	MSD Lab Sample ID:	460-30837-28
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/21/2011 0903			Analysis Date:	09/21/2011 0802
Prep Date:	09/19/2011 1200			Prep Date:	09/19/2011 1200
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	340	U	6640	6630	4640	4900
2-Chlorophenol	340	U	6670	6670	5310	4960
2-Methylphenol	340	U	6690	6680	5600	5270
4-Methylphenol	340	U	6690	6680	5040	4920
Benzaldehyde	340	U	3470	3470	2620	2580
Acetophenone	340	U	3470	3470	2980	2850
Bis(2-chloroethyl)ether	34	U	3470	3470	2900	2660
2,2'-oxybis[1-chloropropane]	340	U	3470	3470	2700	2550
N-Nitrosodi-n-propylamine	34	U	3470	3470	3420	3280
Nitrobenzene	34	U	3470	3470	2730	2420
Hexachloroethane	34	U	3470	3470	2430	2490
Isophorone	340	U	3470	3470	3000	2730
2-Nitrophenol	340	U	6710	6700	4920	4500
2,4-Dimethylphenol	340	U	6680	6670	5550	4920
2,4-Dichlorophenol	340	U	6720	6710	5250	4820
Bis(2-chloroethoxy)methane	340	U	3470	3470	2590	2580
Naphthalene	340	U	3470	3470	2650	2460
4-Chloroaniline	340	U	3470	3470	2090	1980
Hexachlorobutadiene	70	U	3470	3470	2540	2360
Caprolactam	340	U	3480	3470	1960	1870
4-Chloro-3-methylphenol	340	U	6710	6700	5350	4910
2-Methylnaphthalene	340	U	3470	3470	2440	2300
Hexachlorobenzene	34	U	3470	3470	2660	2490
Hexachlorocyclopentadiene	340	U	3470	3470	2180	2160
2,4,6-Trichlorophenol	340	U	6760	6750	5370	4870
2,4,5-Trichlorophenol	340	U	6760	6750	5320	4850
Diphenyl	340	U	3470	3470	2650	2460
2-Chloronaphthalene	340	U	3470	3470	2650	2360
2-Nitroaniline	700	U	3470	3470	2940	2620
2,6-Dinitrotoluene	70	U	3470	3470	3170	2880
Dimethyl phthalate	340	U	3470	3470	3180	2940
Acenaphthylene	340	U	3470	3470	2650	2460
3-Nitroaniline	700	U	3470	3470	2280	2130
Acenaphthene	340	U	3470	3470	2810	2530
4-Nitrophenol	1000	U	6940	6940	5180	5720
2,4-Dinitrophenol	1000	U	6940	6940	1870	1850
Dibenzofuran	340	U	3470	3470	2610	2370
Diethyl phthalate	340	U	3470	3470	3140	2900
Fluorene	340	U	3470	3470	3000	2670
Fluoranthene	340	U	3470	3470	2670	2540
Di-n-butyl phthalate	340	U	3470	3470	2920	2690
2,4-Dinitrotoluene	70	U	3470	3470	3300	2820
4-Chlorophenyl phenyl ether	340	U	3470	3470	2970	2640

Client: Antea USA, Inc. Job Number: 460-30837-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-86534

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-30837-28	Units:	ug/Kg	MSD Lab Sample ID:	460-30837-28
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/21/2011 0903			Analysis Date:	09/21/2011 0802
Prep Date:	09/19/2011 1200			Prep Date:	09/19/2011 1200
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	700	U	3470	3470	2710		2620	
4,6-Dinitro-2-methylphenol	1000	U	6950	6940	3240		3190	
4-Bromophenyl phenyl ether	340	U	3470	3470	2660		2590	
Atrazine	340	U	3470	3470	2570		2680	
Anthracene	340	U	3470	3470	2630		2530	
Carbazole	340	U	3470	3470	2880		2570	
Phenanthrene	340	U	3470	3470	2750		2670	
Pentachlorophenol	1000	U	6950	6940	4450		4710	
Pyrene	340	U	3470	3470	2930		3330	
Chrysene	340	U	3470	3470	2740		2650	
Benzo[k]fluoranthene	34	U	3470	3470	3210		3420	
Benzo[g,h,i]perylene	340	U	3470	3470	3940	F	3230	
Benzo[b]fluoranthene	34	U	3470	3470	3520	F	3190	
Benzo[a]pyrene	34	U	3470	3470	3410	F	3270	F
Benzo[a]anthracene	34	U	3470	3470	2910		2760	
N-Nitrosodiphenylamine	340	U	3470	3470	2710		2570	
Butyl benzyl phthalate	340	U	3470	3470	3190		3310	
Bis(2-ethylhexyl) phthalate	340	U	3470	3470	3110		3320	
Di-n-octyl phthalate	340	U	3470	3470	3580		4040	F
Indeno[1,2,3-cd]pyrene	34	U	3470	3470	3980	F	3260	
Dibenz(a,h)anthracene	34	U	3470	3470	3550		3040	
3,3'-Dichlorobenzidine	700	U	3470	3470	2180		2160	
1,2,4,5-Tetrachlorobenzene	340	U	3470	3470	2590		2290	F
2,3,4,6-Tetrachlorophenol	340	U	3470	3470	2970		2910	

Client: Antea USA, Inc. Job Number: 460-30837-1

Method Blank - Batch: 460-86659 **Method: 8270C**
Preparation: 3541

Lab Sample ID:	MB 460-86659/1-A	Analysis Batch:	460-86827	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-86659	Lab File ID:	z10023.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/21/2011 0148	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/20/2011 1300			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Phenol	330	U	41	330
2-Chlorophenol	330	U	44	330
2-Methylphenol	330	U	48	330
4-Methylphenol	330	U	54	330
Benzaldehyde	330	U	21	330
Acetophenone	330	U	49	330
Bis(2-chloroethyl)ether	33	U	6.9	33
2,2'-oxybis[1-chloropropane]	330	U	43	330
N-Nitrosodi-n-propylamine	33	U	4.4	33
Nitrobenzene	33	U	7.4	33
Hexachloroethane	33	U	5.6	33
Isophorone	330	U	38	330
2-Nitrophenol	330	U	54	330
2,4-Dimethylphenol	330	U	53	330
2,4-Dichlorophenol	330	U	53	330
Bis(2-chloroethoxy)methane	330	U	47	330
Naphthalene	330	U	48	330
4-Chloroaniline	330	U	42	330
Hexachlorobutadiene	67	U	13	67
Caprolactam	330	U	45	330
4-Chloro-3-methylphenol	330	U	56	330
2-Methylnaphthalene	330	U	48	330
Hexachlorobenzene	33	U	4.6	33
Hexachlorocyclopentadiene	330	U	97	330
2,4,6-Trichlorophenol	330	U	59	330
2,4,5-Trichlorophenol	330	U	64	330
Diphenyl	330	U	55	330
2-Chloronaphthalene	330	U	47	330
2-Nitroaniline	670	U	91	670
2,6-Dinitrotoluene	67	U	8.4	67
Dimethyl phthalate	330	U	45	330
Acenaphthylene	330	U	47	330
3-Nitroaniline	670	U	75	670
Acenaphthene	330	U	47	330
4-Nitrophenol	1000	U	85	1000
2,4-Dinitrophenol	1000	U	70	1000
Dibenzofuran	330	U	50	330
Diethyl phthalate	330	U	44	330
Fluorene	330	U	56	330
Fluoranthene	330	U	55	330
Di-n-butyl phthalate	330	U	51	330
2,4-Dinitrotoluene	67	U	9.7	67
4-Chlorophenyl phenyl ether	330	U	57	330
4-Nitroaniline	670	U	68	670
4,6-Dinitro-2-methylphenol	1000	U	160	1000

Client: Antea USA, Inc. Job Number: 460-30837-1

Method Blank - Batch: 460-86659

Method: 8270C
Preparation: 3541

Lab Sample ID:	MB 460-86659/1-A	Analysis Batch:	460-86827	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-86659	Lab File ID:	z10023.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/21/2011 0148	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/20/2011 1300			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
4-Bromophenyl phenyl ether	330	U	59	330
Atrazine	330	U	62	330
Anthracene	330	U	58	330
Carbazole	330	U	53	330
Phenanthrene	330	U	58	330
Pentachlorophenol	1000	U	160	1000
Pyrene	330	U	57	330
Chrysene	330	U	48	330
Benzo[k]fluoranthene	33	U	4.6	33
Benzo[g,h,i]perylene	330	U	35	330
Benzo[b]fluoranthene	33	U	4.9	33
Benzo[a]pyrene	33	U	4.1	33
Benzo[a]anthracene	33	U	6.1	33
N-Nitrosodiphenylamine	330	U	54	330
Butyl benzyl phthalate	330	U	39	330
Bis(2-ethylhexyl) phthalate	330	U	44	330
Di-n-octyl phthalate	330	U	39	330
Indeno[1,2,3-cd]pyrene	33	U	5.3	33
Dibenz(a,h)anthracene	33	U	4.0	33
3,3'-Dichlorobenzidine	670	U	73	670
1,2,4,5-Tetrachlorobenzene	330	U	45	330
2,3,4,6-Tetrachlorophenol	330	U	66	330

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	80	38 - 105
Phenol-d5	79	41 - 118
Terphenyl-d14	102	16 - 151
2,4,6-Tribromophenol	54	10 - 120
2-Fluorophenol	69	37 - 125
2-Fluorobiphenyl	82	40 - 109

Method Blank TICs- Batch: 460-86659

Cas Number	Analyte	RT	Est. Result	Qual
	Unknown Aldol Condensate	2.39	9220	A J

Client: Antea USA, Inc. Job Number: 460-30837-1

Lab Control Sample - Batch: 460-86659

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-86659/2-A	Analysis Batch:	460-86827	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-86659	Lab File ID:	z10022.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/21/2011 0123	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/20/2011 1300			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phenol	6370	4480	70	54 - 115	
2-Chlorophenol	6410	4850	76	56 - 110	
2-Methylphenol	6420	5170	80	54 - 117	
4-Methylphenol	6420	4580	71	47 - 103	
Benzaldehyde	3330	1980	59	10 - 160	
Acetophenone	3340	2630	79	40 - 95	
Bis(2-chloroethyl)ether	3330	2410	72	44 - 101	
2,2'-oxybis[1-chloropropane]	3330	2240	67	45 - 102	
N-Nitrosodi-n-propylamine	3330	2530	76	42 - 107	
Nitrobenzene	3330	2480	74	42 - 106	
Hexachloroethane	3330	2410	72	45 - 90	
Isophorone	3330	2550	77	48 - 97	
2-Nitrophenol	6440	5230	81	55 - 101	
2,4-Dimethylphenol	6410	5030	79	56 - 112	
2,4-Dichlorophenol	6450	4950	77	58 - 115	
Bis(2-chloroethoxy)methane	3330	2600	78	51 - 100	
Naphthalene	3330	2620	79	53 - 94	
4-Chloroaniline	3330	1630	49	10 - 96	
Hexachlorobutadiene	3330	2590	78	45 - 98	
Caprolactam	3340	2230	67	10 - 127	
4-Chloro-3-methylphenol	6440	4920	76	55 - 117	
2-Methylnaphthalene	3330	2630	79	51 - 98	
Hexachlorobenzene	3330	2830	85	43 - 104	
Hexachlorocyclopentadiene	3330	2530	76	24 - 98	
2,4,6-Trichlorophenol	6490	5350	82	53 - 118	
2,4,5-Trichlorophenol	6490	4880	75	50 - 115	
Diphenyl	3340	2710	81	50 - 105	
2-Chloronaphthalene	3330	2670	80	51 - 102	
2-Nitroaniline	3330	2690	81	51 - 109	
2,6-Dinitrotoluene	3330	2480	74	51 - 115	
Dimethyl phthalate	3330	2450	74	52 - 112	
Acenaphthylene	3330	2550	76	51 - 103	
3-Nitroaniline	3330	1520	45	32 - 104	
Acenaphthene	3330	2630	79	46 - 100	
4-Nitrophenol	6670	4640	70	45 - 114	
2,4-Dinitrophenol	6670	3860	58	10 - 129	
Dibenzofuran	3330	2600	78	52 - 106	
Diethyl phthalate	3330	2330	70	52 - 114	
Fluorene	3330	2510	75	51 - 108	
Fluoranthene	3330	2310	69	49 - 108	
Di-n-butyl phthalate	3330	2380	71	50 - 108	
2,4-Dinitrotoluene	3330	2380	71	53 - 110	
4-Chlorophenyl phenyl ether	3330	2570	77	50 - 106	
4-Nitroaniline	3330	1900	57	45 - 106	
4,6-Dinitro-2-methylphenol	6670	5330	80	10 - 110	
4-Bromophenyl phenyl ether	3330	2950	89	44 - 102	

Client: Antea USA, Inc. Job Number: 460-30837-1

Lab Control Sample - Batch: 460-86659

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-86659/2-A	Analysis Batch:	460-86827	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-86659	Lab File ID:	z10022.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/21/2011 0123	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/20/2011 1300			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Atrazine	3330	2430	73	30 - 100	
Anthracene	3330	2670	80	50 - 107	
Carbazole	3330	2500	75	49 - 104	
Phenanthrene	3330	2700	81	48 - 108	
Pentachlorophenol	6670	5330	80	19 - 113	
Pyrene	3330	2830	85	49 - 116	
Chrysene	3330	2690	81	45 - 114	
Benzo[k]fluoranthene	3330	2680	80	35 - 115	
Benzo[g,h,i]perylene	3330	2850	86	43 - 106	
Benzo[b]fluoranthene	3330	2630	79	33 - 96	
Benzo[a]pyrene	3330	2550	76	36 - 89	
Benzo[a]anthracene	3330	2600	78	46 - 112	
N-Nitrosodiphenylamine	3330	2880	86	49 - 106	
Butyl benzyl phthalate	3330	2570	77	49 - 117	
Bis(2-ethylhexyl) phthalate	3330	2390	72	49 - 119	
Di-n-octyl phthalate	3330	2250	67	40 - 106	
Indeno[1,2,3-cd]pyrene	3330	2790	84	43 - 109	
Dibenz(a,h)anthracene	3330	2880	86	43 - 107	
3,3'-Dichlorobenzidine	3330	1910	57	24 - 105	
1,2,4,5-Tetrachlorobenzene	3330	2710	81	70 - 130	
2,3,4,6-Tetrachlorophenol	3330	2520	76	70 - 130	

Client: Antea USA, Inc. Job Number: 460-30837-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-86659

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-30849-D-6-E MS	Analysis Batch:	460-86827	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-86659	Lab File ID:	z10033.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/21/2011 0558			Final Weight/Volume:	1 mL
Prep Date:	09/20/2011 1300			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-30849-D-6-F MSD	Analysis Batch:	460-86827	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-86659	Lab File ID:	z10034.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	09/21/2011 0623			Final Weight/Volume:	1 mL
Prep Date:	09/20/2011 1300			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Phenol	80	78	54 - 115	3	30		
2-Chlorophenol	83	81	56 - 110	2	30		
2-Methylphenol	92	89	54 - 117	3	30		
4-Methylphenol	82	79	47 - 103	3	30		
Benzaldehyde	51	51	10 - 160	1	30		
Acetophenone	88	84	40 - 95	4	30		
Bis(2-chloroethyl)ether	77	75	44 - 101	3	30		
2,2'-oxybis[1-chloropropane]	69	68	45 - 102	2	30		
N-Nitrosodi-n-propylamine	91	88	42 - 107	3	30		
Nitrobenzene	78	76	42 - 106	2	30		
Hexachloroethane	72	70	45 - 90	3	30		
Isophorone	83	82	48 - 97	2	30		
2-Nitrophenol	86	85	55 - 101	2	30		
2,4-Dimethylphenol	83	83	56 - 112	1	30		
2,4-Dichlorophenol	85	84	58 - 115	1	30		
Bis(2-chloroethoxy)methane	85	84	51 - 100	2	30		
Naphthalene	83	82	53 - 94	2	30		
4-Chloroaniline	64	62	10 - 96	3	30		
Hexachlorobutadiene	79	77	45 - 98	2	30		
Caprolactam	64	51	10 - 127	23	30		
4-Chloro-3-methylphenol	90	87	55 - 117	3	30		
2-Methylnaphthalene	88	85	51 - 98	3	30		
Hexachlorobenzene	99	93	43 - 104	7	30		
Hexachlorocyclopentadiene	75	74	24 - 98	1	30		
2,4,6-Trichlorophenol	83	82	53 - 118	1	30		
2,4,5-Trichlorophenol	81	80	50 - 115	1	30		
Diphenyl	88	87	50 - 105	1	30		
2-Chloronaphthalene	87	85	51 - 102	2	30		
2-Nitroaniline	72	87	51 - 109	19	30		
2,6-Dinitrotoluene	83	85	51 - 115	2	30		
Dimethyl phthalate	81	81	52 - 112	1	30		
Acenaphthylene	85	83	51 - 103	2	30		
3-Nitroaniline	65	66	32 - 104	2	30		

Client: Antea USA, Inc. Job Number: 460-30837-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-86659

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-30849-D-6-E MS	Analysis Batch:	460-86827	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-86659	Lab File ID:	z10033.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/21/2011 0558			Final Weight/Volume:	1 mL
Prep Date:	09/20/2011 1300			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-30849-D-6-F MSD	Analysis Batch:	460-86827	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-86659	Lab File ID:	z10034.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	09/21/2011 0623			Final Weight/Volume:	1 mL
Prep Date:	09/20/2011 1300			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	86	85	46 - 100	1	30		
4-Nitrophenol	60	61	45 - 114	1	30		
2,4-Dinitrophenol	1	1	10 - 129	4	30	J F	J F
Dibenzofuran	88	86	52 - 106	2	30		
Diethyl phthalate	77	79	52 - 114	2	30		
Fluorene	84	85	51 - 108	0	30		
Fluoranthene	76	77	49 - 108	1	30		
Di-n-butyl phthalate	79	79	50 - 108	1	30		
2,4-Dinitrotoluene	77	80	53 - 110	4	30		
4-Chlorophenyl phenyl ether	87	86	50 - 106	1	30		
4-Nitroaniline	51	51	45 - 106	1	30		
4,6-Dinitro-2-methylphenol	7	7	10 - 110	4	30	J F	J F
4-Bromophenyl phenyl ether	103	97	44 - 102	6	30	F	
Atrazine	82	82	30 - 100	1	30		
Anthracene	90	90	50 - 107	0	30		
Carbazole	82	82	49 - 104	0	30		
Phenanthrene	91	91	48 - 108	1	30		
Pentachlorophenol	48	47	19 - 113	2	30		
Pyrene	99	101	49 - 116	2	30		
Chrysene	92	91	45 - 114	1	30		
Benzo[k]fluoranthene	96	89	35 - 115	8	30		
Benzo[g,h,i]perylene	101	100	43 - 106	1	30		
Benzo[b]fluoranthene	86	92	33 - 96	7	30		
Benzo[a]pyrene	87	87	36 - 89	0	30		
Benzo[a]anthracene	87	85	46 - 112	3	30		
N-Nitrosodiphenylamine	101	97	49 - 106	5	30		
Butyl benzyl phthalate	90	89	49 - 117	1	30		
Bis(2-ethylhexyl) phthalate	85	84	49 - 119	1	30		
Di-n-octyl phthalate	76	78	40 - 106	2	30		
Indeno[1,2,3-cd]pyrene	83	97	43 - 109	14	30		
Dibenz(a,h)anthracene	100	99	43 - 107	2	30		
3,3'-Dichlorobenzidine	82	76	24 - 105	8	30		
1,2,4,5-Tetrachlorobenzene	85	83	70 - 130	2	30		

Client: Antea USA, Inc. Job Number: 460-30837-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-86659

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-30849-D-6-E MS	Analysis Batch:	460-86827	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-86659	Lab File ID:	z10033.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/21/2011 0558			Final Weight/Volume:	1 mL
Prep Date:	09/20/2011 1300			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-30849-D-6-F MSD	Analysis Batch:	460-86827	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-86659	Lab File ID:	z10034.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	09/21/2011 0623			Final Weight/Volume:	1 mL
Prep Date:	09/20/2011 1300			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	67	66	70 - 130	1	30	F	F

Client: Antea USA, Inc. Job Number: 460-30837-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-86659

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-30849-D-6-E MS	Units: ug/Kg	MSD Lab Sample ID:	460-30849-D-6-F MSD	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	09/21/2011 0558		Analysis Date:	09/21/2011 0623	
Prep Date:	09/20/2011 1300		Prep Date:	09/20/2011 1300	
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	370	U	7090	7080	5690		5510	
2-Chlorophenol	370	U	7130	7120	5900		5770	
2-Methylphenol	370	U	7140	7130	6560		6330	
4-Methylphenol	370	U	7140	7130	5860		5670	
Benzaldehyde	370	U	3710	3700	1890		1870	
Acetophenone	370	U	3710	3700	3250		3130	
Bis(2-chloroethyl)ether	37	U	3710	3700	2840		2770	
2,2'-oxybis[1-chloropropane]	370	U	3710	3700	2560		2510	
N-Nitrosodi-n-propylamine	37	U	3710	3700	3360		3270	
Nitrobenzene	37	U	3710	3700	2890		2830	
Hexachloroethane	37	U	3710	3700	2670		2600	
Isophorone	370	U	3710	3700	3090		3030	
2-Nitrophenol	370	U	7160	7150	6190		6060	
2,4-Dimethylphenol	370	U	7130	7120	5940		5880	
2,4-Dichlorophenol	370	U	7180	7170	6130		6040	
Bis(2-chloroethoxy)methane	370	U	3710	3700	3160		3110	
Naphthalene	370	U	3710	3700	3080		3030	
4-Chloroaniline	370	U	3710	3700	2380		2310	
Hexachlorobutadiene	75	U	3710	3700	2930		2870	
Caprolactam	370	U	3710	3710	2370		1890	
4-Chloro-3-methylphenol	370	U	7170	7160	6430		6230	
2-Methylnaphthalene	370	U	3710	3700	3250		3160	
Hexachlorobenzene	37	U	3710	3700	3660		3430	
Hexachlorocyclopentadiene	370	U	3710	3700	2780		2750	
2,4,6-Trichlorophenol	370	U	7220	7210	5990		5920	
2,4,5-Trichlorophenol	370	U	7220	7210	5820		5760	
Diphenyl	370	U	3710	3700	3270		3220	
2-Chloronaphthalene	370	U	3710	3700	3210		3170	
2-Nitroaniline	750	U	3710	3700	2670		3240	
2,6-Dinitrotoluene	75	U	3710	3700	3090		3160	
Dimethyl phthalate	370	U	3710	3700	2990		3010	
Acenaphthylene	370	U	3710	3700	3140		3070	
3-Nitroaniline	750	U	3710	3700	2400		2440	
Acenaphthene	370	U	3710	3700	3190		3150	
4-Nitrophenol	1100	U	7410	7400	4470		4520	
2,4-Dinitrophenol	1100	U	7410	7400	84.7	J F	81.5	J F
Dibenzofuran	370	U	3710	3700	3250		3180	
Diethyl phthalate	370	U	3710	3700	2860		2910	
Fluorene	370	U	3710	3700	3130		3130	
Fluoranthene	370	U	3710	3700	2830		2860	
Di-n-butyl phthalate	370	U	3710	3700	2950		2920	
2,4-Dinitrotoluene	75	U	3710	3700	2850		2960	
4-Chlorophenyl phenyl ether	370	U	3710	3700	3230		3190	

Client: Antea USA, Inc. Job Number: 460-30837-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-86659

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-30849-D-6-E MS	Units: ug/Kg	MSD Lab Sample ID:	460-30849-D-6-F MSD	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	09/21/2011 0558		Analysis Date:	09/21/2011 0623	
Prep Date:	09/20/2011 1300		Prep Date:	09/20/2011 1300	
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	750	U	3710	3700	1890		1910	
4,6-Dinitro-2-methylphenol	1100	U	7420	7410	524	J F	503	J F
4-Bromophenyl phenyl ether	370	U	3710	3700	3800	F	3580	
Atrazine	370	U	3710	3700	3050		3020	
Anthracene	370	U	3710	3700	3330		3320	
Carbazole	370	U	3710	3700	3030		3030	
Phenanthrene	370	U	3710	3700	3380		3360	
Pentachlorophenol	1100	U	7420	7410	3550		3470	
Pyrene	370	U	3710	3700	3670		3750	
Chrysene	370	U	3710	3700	3400		3380	
Benzo[k]fluoranthene	37	U	3710	3700	3570		3310	
Benzo[g,h,i]perylene	370	U	3710	3700	3730		3700	
Benzo[b]fluoranthene	37	U	3710	3700	3180		3420	
Benzo[a]pyrene	37	U	3710	3700	3210		3220	
Benzo[a]anthracene	37	U	3710	3700	3240		3150	
N-Nitrosodiphenylamine	370	U	3710	3700	3760		3590	
Butyl benzyl phthalate	370	U	3710	3700	3340		3290	
Bis(2-ethylhexyl) phthalate	370	U	3710	3700	3150		3110	
Di-n-octyl phthalate	370	U	3710	3700	2810		2870	
Indeno[1,2,3-cd]pyrene	37	U	3710	3700	3090		3570	
Dibenz(a,h)anthracene	37	U	3710	3700	3710		3650	
3,3'-Dichlorobenzidine	750	U	3710	3700	3050		2810	
1,2,4,5-Tetrachlorobenzene	370	U	3710	3700	3140		3090	
2,3,4,6-Tetrachlorophenol	370	U	3710	3700	2470	F	2460	F

Client: Antea USA, Inc.

Job Number: 460-30837-1

Method Blank - Batch: 460-85730

Method: 8082
Preparation: 3510C

Lab Sample ID:	MB 460-85730/1-A	Analysis Batch:	460-85904	Instrument ID:	PESTGC7
Client Matrix:	Water	Prep Batch:	460-85730	Lab File ID:	or177413.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	09/13/2011 0136	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	09/12/2011 0823			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor 1016	0.50	U	0.13	0.50
Aroclor 1221	0.50	U	0.28	0.50
Aroclor 1232	0.50	U	0.12	0.50
Aroclor 1242	0.50	U	0.12	0.50
Aroclor 1248	0.50	U	0.24	0.50
Aroclor 1254	0.50	U	0.17	0.50
Aroclor 1260	0.50	U	0.15	0.50
Aroclor 1262	0.50	U	0.12	0.50
Aroclor 1268	0.50	U	0.12	0.50

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	110	37 - 150

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	100	37 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-85730

Method: 8082
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-85730/2-A	Analysis Batch:	460-85904	Instrument ID:	PESTGC7
Client Matrix:	Water	Prep Batch:	460-85730	Lab File ID:	of177414.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	09/13/2011 0152	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	09/12/2011 0823			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

LCSD Lab Sample ID:	LCSD 460-85730/3-A	Analysis Batch:	460-85904	Instrument ID:	PESTGC7
Client Matrix:	Water	Prep Batch:	460-85730	Lab File ID:	of177415.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	09/13/2011 0208	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	09/12/2011 0823			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Aroclor 1016	90	95	71 - 126	5	30		
Aroclor 1260	96	90	73 - 130	6	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	94	90	37 - 150

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-85730

Method: 8082
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-85730/2-A	Analysis Batch:	460-85904	Instrument ID:	PESTGC7
Client Matrix:	Water	Prep Batch:	460-85730	Lab File ID:	or177414.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	09/13/2011 0152	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	09/12/2011 0823			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

LCSD Lab Sample ID:	LCSD 460-85730/3-A	Analysis Batch:	460-85904	Instrument ID:	PESTGC7
Client Matrix:	Water	Prep Batch:	460-85730	Lab File ID:	or177415.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	09/13/2011 0208	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	09/12/2011 0823			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Aroclor 1016	81	81	71 - 126	1	30		
Aroclor 1260	81	88	73 - 130	8	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	85	81	37 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-85730

Method: 8082
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-85730/2-A	Units:	ug/L	LCSD Lab Sample ID:	LCSD 460-85730/3-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/13/2011 0152			Analysis Date:	09/13/2011 0208
Prep Date:	09/12/2011 0823			Prep Date:	09/12/2011 0823
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	4.49	4.73
Aroclor 1260	5.00	5.00	4.79	4.51

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-85730

Method: 8082
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-85730/2-A	Units:	ug/L	LCSD Lab Sample ID:	LCSD 460-85730/3-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/13/2011 0152			Analysis Date:	09/13/2011 0208
Prep Date:	09/12/2011 0823			Prep Date:	09/12/2011 0823
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	4.07	4.03
Aroclor 1260	5.00	5.00	4.04	4.39

Client: Antea USA, Inc. Job Number: 460-30837-1

Method Blank - Batch: 460-85952

Method: 8082
Preparation: 3541

Lab Sample ID:	MB 460-85952/1-A	Analysis Batch:	460-86732	Instrument ID:	PESTGC9
Client Matrix:	Solid	Prep Batch:	460-85952	Lab File ID:	vr464514.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/15/2011 1021	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	09/14/2011 0457			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor 1016	67	U	13	67
Aroclor 1221	67	U	20	67
Aroclor 1232	67	U	38	67
Aroclor 1242	67	U	13	67
Aroclor 1248	67	U	18	67
Aroclor 1254	67	U	23	67
Aroclor 1260	67	U	7.5	67
Aroclor 1262	67	U	12	67
Aroclor 1268	67	U	12	67

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	149	30 - 150

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	146	30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Lab Control Sample - Batch: 460-85952 **Method: 8082**
Preparation: 3541

Lab Sample ID:	LCS 460-85952/2-A	Analysis Batch:	460-86732	Instrument ID:	PESTGC9
Client Matrix:	Solid	Prep Batch:	460-85952	Lab File ID:	vf464515.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/15/2011 1037	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	09/14/2011 0457			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	458	137	60 - 144	
Aroclor 1260	333	425	127	63 - 143	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	150	30 - 150

Lab Control Sample - Batch: 460-85952 **Method: 8082**
Preparation: 3541

Lab Sample ID:	LCS 460-85952/2-A	Analysis Batch:	460-86732	Instrument ID:	PESTGC9
Client Matrix:	Solid	Prep Batch:	460-85952	Lab File ID:	vr464515.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/15/2011 1037	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	09/14/2011 0457			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	456	137	60 - 144	
Aroclor 1260	333	414	124	63 - 143	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	140	30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-85952

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-30837-1	Analysis Batch:	460-86732	Instrument ID:	PESTGC9
Client Matrix:	Solid	Prep Batch:	460-85952	Lab File ID:	vf464516.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	09/15/2011 1052			Final Weight/Volume:	10 mL
Prep Date:	09/14/2011 0457			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	460-30837-1	Analysis Batch:	460-86732	Instrument ID:	PESTGC9
Client Matrix:	Solid	Prep Batch:	460-85952	Lab File ID:	vf464517.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/15/2011 1108			Final Weight/Volume:	10 mL
Prep Date:	09/14/2011 0457			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor 1016	96	93	60 - 144	3	30		
Aroclor 1260	110	108	63 - 143	2	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	132	127	30 - 150

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-85952

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-30837-1	Analysis Batch:	460-86732	Instrument ID:	PESTGC9
Client Matrix:	Solid	Prep Batch:	460-85952	Lab File ID:	vr464516.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	09/15/2011 1052			Final Weight/Volume:	10 mL
Prep Date:	09/14/2011 0457			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

MSD Lab Sample ID:	460-30837-1	Analysis Batch:	460-86732	Instrument ID:	PESTGC9
Client Matrix:	Solid	Prep Batch:	460-85952	Lab File ID:	vr464517.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/15/2011 1108			Final Weight/Volume:	10 mL
Prep Date:	09/14/2011 0457			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor 1016	80	80	60 - 144	0	30		
Aroclor 1260	106	107	63 - 143	2	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	120	121	30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-85952

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-30837-1	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	09/15/2011 1052		
Prep Date:	09/14/2011 0457		
Leach Date:	N/A		

MSD Lab Sample ID:	460-30837-1
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	09/15/2011 1108
Prep Date:	09/14/2011 0457
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aroclor 1016	71	U	355	355	341	330
Aroclor 1260	71	U	355	355	391	383

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-85952

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-30837-1	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	09/15/2011 1052		
Prep Date:	09/14/2011 0457		
Leach Date:	N/A		

MSD Lab Sample ID:	460-30837-1
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	09/15/2011 1108
Prep Date:	09/14/2011 0457
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aroclor 1016	71	U	355	355	283	284
Aroclor 1260	71	U	355	355	375	381

Client: Antea USA, Inc. Job Number: 460-30837-1

Method Blank - Batch: 460-85953

Method: 8082
Preparation: 3541

Lab Sample ID:	MB 460-85953/1-A	Analysis Batch:	460-86753	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-85953	Lab File ID:	or177663.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/16/2011 1459	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	09/14/2011 0506			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor 1016	67	U	13	67
Aroclor 1221	67	U	20	67
Aroclor 1232	67	U	38	67
Aroclor 1242	67	U	13	67
Aroclor 1248	67	U	18	67
Aroclor 1254	67	U	23	67
Aroclor 1260	67	U	7.5	67
Aroclor 1262	67	U	12	67
Aroclor 1268	67	U	12	67

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	109	30 - 150

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	107	30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Lab Control Sample - Batch: 460-85953 **Method: 8082**
Preparation: 3541

Lab Sample ID:	LCS 460-85953/2-A	Analysis Batch:	460-86753	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-85953	Lab File ID:	of177664.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/16/2011 1516	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	09/14/2011 0506			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	379	114	60 - 144	
Aroclor 1260	333	358	107	63 - 143	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	116	30 - 150

Lab Control Sample - Batch: 460-85953 **Method: 8082**
Preparation: 3541

Lab Sample ID:	LCS 460-85953/2-A	Analysis Batch:	460-86753	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-85953	Lab File ID:	or177664.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/16/2011 1516	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	09/14/2011 0506			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	340	102	60 - 144	
Aroclor 1260	333	337	101	63 - 143	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	111	30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-85953

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-30837-21	Analysis Batch:	460-86921	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-85953	Lab File ID:	or177859.d
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/21/2011 1345			Final Weight/Volume:	10 mL
Prep Date:	09/14/2011 0506			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	460-30837-21	Analysis Batch:	460-86921	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-85953	Lab File ID:	of177860.d
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/21/2011 1401			Final Weight/Volume:	10 mL
Prep Date:	09/14/2011 0506			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor 1016	1328	1128	60 - 144	16	30	F	F
Aroclor 1260	-74	-138	63 - 143	9	30	4	4

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	140	145	30 - 150

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-85953

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-30837-21	Analysis Batch:	460-86921	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-85953	Lab File ID:	of177859.d
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/21/2011 1345			Final Weight/Volume:	10 mL
Prep Date:	09/14/2011 0506			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

MSD Lab Sample ID:	460-30837-21	Analysis Batch:	460-86921	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-85953	Lab File ID:	or177860.d
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/21/2011 1401			Final Weight/Volume:	10 mL
Prep Date:	09/14/2011 0506			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor 1016	1032	875	60 - 144	16	30	F	F
Aroclor 1260	-44	-87	63 - 143	6	30	4	4

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	131	131	30 - 150

Client: Antea USA, Inc. Job Number: 460-30837-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-85953

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-30837-21	Units:	ug/Kg	MSD Lab Sample ID:	460-30837-21
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	5.0			Dilution:	5.0
Analysis Date:	09/21/2011 1345			Analysis Date:	09/21/2011 1401
Prep Date:	09/14/2011 0506			Prep Date:	09/14/2011 0506
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Aroclor 1016	350	U	347	347	4610	F	3920	F
Aroclor 1260	2600		347	347	2590	4	2370	4

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-85953

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-30837-21	Units:	ug/Kg	MSD Lab Sample ID:	460-30837-21
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	5.0			Dilution:	5.0
Analysis Date:	09/21/2011 1345			Analysis Date:	09/21/2011 1401
Prep Date:	09/14/2011 0506			Prep Date:	09/14/2011 0506
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Aroclor 1016	350	U	347	347	3580	F	3040	F
Aroclor 1260	2800		347	347	2480	4	2330	4

Client: Antea USA, Inc. Job Number: 460-30837-1

Method Blank - Batch: 460-85857

Method: NJ-OQA-QAM-025
Preparation: 3510C

Lab Sample ID:	MB 460-85857/1-A	Analysis Batch:	460-86259	Instrument ID:	BNAGC1
Client Matrix:	Water	Prep Batch:	460-85857	Lab File ID:	gcf47319.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	09/16/2011 0327	Units:	mg/L	Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 0731			Injection Volume:	1 uL
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	84	50 - 109
Chlorobenzene	60	36 - 104

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-85857

Method: NJ-OQA-QAM-025
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-85857/2-A	Analysis Batch:	460-86259	Instrument ID:	BNAGC1
Client Matrix:	Water	Prep Batch:	460-85857	Lab File ID:	gcf47320.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	09/16/2011 0337	Units:	mg/L	Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 0731			Injection Volume:	1 uL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-85857/3-A	Analysis Batch:	460-86259	Instrument ID:	BNAGC1
Client Matrix:	Water	Prep Batch:	460-85857	Lab File ID:	gcf47321.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	09/16/2011 0352	Units:	mg/L	Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 0731			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Total Petroleum Hydrocarbons (C8-C40)	86	93	62 - 98	8	50		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
o-Terphenyl	75	81	50 - 109
Chlorobenzene	58	59	36 - 104

Client: Antea USA, Inc.

Job Number: 460-30837-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-85857

Method: NJ-OQA-QAM-025
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-85857/2-A	Units:	mg/L	LCSD Lab Sample ID:	LCSD 460-85857/3-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/16/2011 0337			Analysis Date:	09/16/2011 0352
Prep Date:	09/13/2011 0731			Prep Date:	09/13/2011 0731
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	1.73	1.87

Client: Antea USA, Inc. Job Number: 460-30837-1

Method Blank - Batch: 460-85887

Method: NJ-OQA-QAM-025
Preparation: 3546

Lab Sample ID:	MB 460-85887/1-A	Analysis Batch:	460-86248	Instrument ID:	BNAGC1
Client Matrix:	Solid	Prep Batch:	460-85887	Lab File ID:	gcf47165.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/14/2011 0433	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 1030			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	93	48 - 112
Chlorobenzene	75	32 - 106

Lab Control Sample - Batch: 460-85887

Method: NJ-OQA-QAM-025
Preparation: 3546

Lab Sample ID:	LCS 460-85887/2-A	Analysis Batch:	460-86454	Instrument ID:	BNAGC1
Client Matrix:	Solid	Prep Batch:	460-85887	Lab File ID:	gcf47372.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/16/2011 1619	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 1030			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Petroleum Hydrocarbons (C8-C40)	133	113	85	58 - 112	

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	70	48 - 112
Chlorobenzene	60	32 - 106

Client: Antea USA, Inc. Job Number: 460-30837-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-85887

Method: NJ-OQA-QAM-025
Preparation: 3546

MS Lab Sample ID:	460-30837-9	Analysis Batch:	460-86248	Instrument ID:	BNAGC1
Client Matrix:	Solid	Prep Batch:	460-85887	Lab File ID:	gcf47153.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	09/14/2011 0138			Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 1030			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-30837-9	Analysis Batch:	460-86248	Instrument ID:	BNAGC1
Client Matrix:	Solid	Prep Batch:	460-85887	Lab File ID:	gcf47154.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/14/2011 0153			Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 1030			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)	95	85	58 - 112	9	40		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
o-Terphenyl	112	108	48 - 112
Chlorobenzene	79	80	32 - 106

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-85887

Method: NJ-OQA-QAM-025
Preparation: 3546

MS Lab Sample ID:	460-30837-9	Units:	mg/Kg	MSD Lab Sample ID:	460-30837-9
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/14/2011 0138			Analysis Date:	09/14/2011 0153
Prep Date:	09/13/2011 1030			Prep Date:	09/13/2011 1030
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)	30	145	145	167	153

Client: Antea USA, Inc. Job Number: 460-30837-1

Method Blank - Batch: 460-85949

Method: NJ-OQA-QAM-025
Preparation: 3546

Lab Sample ID:	MB 460-85949/1-A	Analysis Batch:	460-86238	Instrument ID:	BNAGC1
Client Matrix:	Solid	Prep Batch:	460-85949	Lab File ID:	gcf47230.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/15/2011 0356	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 2117			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	70	48 - 112
Chlorobenzene	59	32 - 106

Lab Control Sample - Batch: 460-85949

Method: NJ-OQA-QAM-025
Preparation: 3546

Lab Sample ID:	LCS 460-85949/2-A	Analysis Batch:	460-86238	Instrument ID:	BNAGC1
Client Matrix:	Solid	Prep Batch:	460-85949	Lab File ID:	gcf47247.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/15/2011 0800	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 2117			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Petroleum Hydrocarbons (C8-C40)	133	118	89	58 - 112	

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	69	48 - 112
Chlorobenzene	61	32 - 106

Client: Antea USA, Inc. Job Number: 460-30837-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-85949

Method: NJ-OQA-QAM-025
Preparation: 3546

MS Lab Sample ID:	460-30837-29	Analysis Batch:	460-86238	Instrument ID:	BNAGC1
Client Matrix:	Solid	Prep Batch:	460-85949	Lab File ID:	gcf47231.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/15/2011 0411			Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 2117			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-30837-29	Analysis Batch:	460-86238	Instrument ID:	BNAGC1
Client Matrix:	Solid	Prep Batch:	460-85949	Lab File ID:	gcf47232.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/15/2011 0425			Final Weight/Volume:	1 mL
Prep Date:	09/13/2011 2117			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)	87	91	58 - 112	4	40		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
o-Terphenyl	79	78	48 - 112
Chlorobenzene	61	63	32 - 106

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-85949

Method: NJ-OQA-QAM-025
Preparation: 3546

MS Lab Sample ID:	460-30837-29	Units:	mg/Kg	MSD Lab Sample ID:	460-30837-29
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/15/2011 0411			Analysis Date:	09/15/2011 0425
Prep Date:	09/13/2011 2117			Prep Date:	09/13/2011 2117
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)	6.3	U	157	157	137	143

Client: Antea USA, Inc. Job Number: 460-30837-1

Duplicate - Batch: 460-85914

Method: Moisture
Preparation: N/A

Lab Sample ID:	460-30837-14	Analysis Batch:	460-85914	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:	09/13/2011 1358	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	5.8	5.9	1	20	
Percent Solids	94.2	94.1	0.08	20	

Client: Antea USA, Inc. Job Number: 460-30837-1

Method Blank - Batch: 460-85926

Method: SM 4500 Cl- B
Preparation: N/A

Lab Sample ID:	MB 460-85926/1	Analysis Batch:	460-85926	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:	09/13/2011 1500	Units:	mg/L	Final Weight/Volume:	100 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloride	5.0	U	1.2	5.0

Lab Control Sample - Batch: 460-85926

Method: SM 4500 Cl- B
Preparation: N/A

Lab Sample ID:	LCS 460-85926/2	Analysis Batch:	460-85926	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:	09/13/2011 1500	Units:	mg/L	Final Weight/Volume:	100 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	91.5	89.98	98	85 - 115	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-85926

Method: SM 4500 Cl- B
Preparation: N/A

MS Lab Sample ID:	460-30495-A-1 MS	Analysis Batch:	460-85926	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:	09/13/2011 1500			Final Weight/Volume:	100 mL
Prep Date:	N/A				
Leach Date:	N/A				

MSD Lab Sample ID:	460-30495-A-1 MSD	Analysis Batch:	460-85926	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:	09/13/2011 1500			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	102	102	90 - 110	0.0	10.0		

Client: Antea USA, Inc.

Job Number: 460-30837-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-85926

Method: SM 4500 Cl- B
Preparation: N/A

MS Lab Sample ID:	460-30495-A-1 MS	Units: mg/L	MSD Lab Sample ID:	460-30495-A-1 MSD	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	09/13/2011 1500		Analysis Date:	09/13/2011 1500	
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	17.0	25.0	25.0	42.50	42.50

Client: Antea USA, Inc. Job Number: 460-30837-1

Method Blank - Batch: 460-87534

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	MB 460-87534/5	Analysis Batch:	460-87534	Instrument ID:	Konelab1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	KL092811.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 mL
Analysis Date:	09/28/2011 0930	Units:	mg/Kg	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM	5.0	U	0.98	5.0

TCLP SPLPE Leachate Blank - Batch: 460-87534

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	LB 460-87310/1-A	Analysis Batch:	460-87534	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL092811.xls
Dilution:	1.0	Leach Batch:	460-87310	Initial Weight/Volume:	1.0 mL
Analysis Date:	09/28/2011 0930	Units:	mg/Kg	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	09/26/2011 1400				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM	5.0	U	0.98	5.0

Lab Control Sample - Batch: 460-87534

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	LCS 460-87534/6	Analysis Batch:	460-87534	Instrument ID:	Konelab1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	KL092811.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 mL
Analysis Date:	09/28/2011 0930	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	91.5	88.29	96	85 - 115	

Client: Antea USA, Inc. Job Number: 460-30837-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-87534

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-30837-1	Analysis Batch:	460-87534	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL092811.xls
Dilution:	1.0	Leach Batch:	460-87310	Initial Weight/Volume:	1.0 mL
Analysis Date:	09/28/2011 0933			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	09/26/2011 1400				

MSD Lab Sample ID:	460-30837-1	Analysis Batch:	460-87534	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL092811.xls
Dilution:	1.0	Leach Batch:	460-87310	Initial Weight/Volume:	1.0 mL
Analysis Date:	09/28/2011 0933			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	09/26/2011 1400				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloride-ASTM	101	101	80 - 120	0	10		

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-87534

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-30837-1	Units:	mg/Kg	MSD Lab Sample ID:	460-30837-1
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/28/2011 0933			Analysis Date:	09/28/2011 0933
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	09/26/2011 1400			Leach Date:	09/26/2011 1400

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Chloride-ASTM	100	U	1000	1000	1007	1009

Client: Antea USA, Inc. Job Number: 460-30837-1

Method Blank - Batch: 460-87538

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	MB 460-87538/5	Analysis Batch:	460-87538	Instrument ID:	Konelab1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	KL092811A.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 mL
Analysis Date:	09/28/2011 1011	Units:	mg/Kg	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM	5.0	U	0.98	5.0

TCLP SPLPE Leachate Blank - Batch: 460-87538

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	LB 460-87310/1-A	Analysis Batch:	460-87538	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL092811A.xls
Dilution:	1.0	Leach Batch:	460-87310	Initial Weight/Volume:	1.0 mL
Analysis Date:	09/28/2011 1011	Units:	mg/Kg	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	09/26/2011 1400				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM	5.0	U	0.98	5.0

Lab Control Sample - Batch: 460-87538

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	LCS 460-87538/6	Analysis Batch:	460-87538	Instrument ID:	Konelab1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	KL092811A.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 mL
Analysis Date:	09/28/2011 1011	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	91.5	88.88	97	85 - 115	

Client: Antea USA, Inc. Job Number: 460-30837-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-87538

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-30837-10	Analysis Batch:	460-87538	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL092811A.xls
Dilution:	1.0	Leach Batch:	460-87310	Initial Weight/Volume:	1.0 mL
Analysis Date:	09/28/2011 1014			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	09/26/2011 1400				

MSD Lab Sample ID:	460-30837-10	Analysis Batch:	460-87538	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL092811A.xls
Dilution:	1.0	Leach Batch:	460-87310	Initial Weight/Volume:	1.0 mL
Analysis Date:	09/28/2011 1014			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	09/26/2011 1400				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloride-ASTM	100	100	80 - 120	0	10		

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-87538

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-30837-10	Units:	mg/Kg	MSD Lab Sample ID:	460-30837-10
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/28/2011 1014			Analysis Date:	09/28/2011 1014
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	09/26/2011 1400			Leach Date:	09/26/2011 1400

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Chloride-ASTM	100	U	1000	1000	996.8	1000

Client: Antea USA, Inc. Job Number: 460-30837-1

Method Blank - Batch: 460-87551

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	MB 460-87551/5	Analysis Batch:	460-87551	Instrument ID:	Konelab1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	KL092811B.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 mL
Analysis Date:	09/28/2011 1102	Units:	mg/Kg	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM	5.0	U	0.98	5.0

TCLP SPLPE Leachate Blank - Batch: 460-87551

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	LB 460-87403/1-A	Analysis Batch:	460-87551	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL092811B.xls
Dilution:	1.0	Leach Batch:	460-87403	Initial Weight/Volume:	1.0 mL
Analysis Date:	09/28/2011 1102	Units:	mg/Kg	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	09/27/2011 1122				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM	5.0	U	0.98	5.0

Lab Control Sample - Batch: 460-87551

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	LCS 460-87551/6	Analysis Batch:	460-87551	Instrument ID:	Konelab1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	KL092811B.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 mL
Analysis Date:	09/28/2011 1102	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	91.5	89.72	98	85 - 115	

Client: Antea USA, Inc. Job Number: 460-30837-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-87551

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-30837-22	Analysis Batch:	460-87551	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL092811B.xls
Dilution:	1.0	Leach Batch:	460-87403	Initial Weight/Volume:	1.0 mL
Analysis Date:	09/28/2011 1106			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	09/27/2011 1122				

MSD Lab Sample ID:	460-30837-22	Analysis Batch:	460-87551	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL092811B.xls
Dilution:	1.0	Leach Batch:	460-87403	Initial Weight/Volume:	1.0 mL
Analysis Date:	09/28/2011 1106			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	09/27/2011 1122				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloride-ASTM	99	99	80 - 120	0	10		

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-87551

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-30837-22	Units:	mg/Kg	MSD Lab Sample ID:	460-30837-22
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/28/2011 1106			Analysis Date:	09/28/2011 1106
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	09/27/2011 1122			Leach Date:	09/27/2011 1122

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Chloride-ASTM	100	U	1000	1000	991.3	994.3

Client: Antea USA, Inc. Job Number: 460-30837-1

Method Blank - Batch: 460-87571

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	MB 460-87571/5	Analysis Batch:	460-87571	Instrument ID:	Konelab1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	KL092811C.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 mL
Analysis Date:	09/28/2011 1211	Units:	mg/Kg	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM	5.0	U	0.98	5.0

TCLP SPLPE Leachate Blank - Batch: 460-87571

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	LB 460-87310/1-A	Analysis Batch:	460-87571	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL092811C.xls
Dilution:	1.0	Leach Batch:	460-87310	Initial Weight/Volume:	1.0 mL
Analysis Date:	09/28/2011 1211	Units:	mg/Kg	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	09/26/2011 1400				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM	5.0	U	0.98	5.0

Lab Control Sample - Batch: 460-87571

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	LCS 460-87571/6	Analysis Batch:	460-87571	Instrument ID:	Konelab1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	KL092811C.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 mL
Analysis Date:	09/28/2011 1211	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	91.5	90.68	99	85 - 115	

Client: Antea USA, Inc. Job Number: 460-30837-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-87571

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-30837-20	Analysis Batch:	460-87571	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL092811C.xls
Dilution:	1.0	Leach Batch:	460-87310	Initial Weight/Volume:	1.0 mL
Analysis Date:	09/28/2011 1214			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	09/26/2011 1400				

MSD Lab Sample ID:	460-30837-20	Analysis Batch:	460-87571	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL092811C.xls
Dilution:	1.0	Leach Batch:	460-87310	Initial Weight/Volume:	1.0 mL
Analysis Date:	09/28/2011 1214			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	09/26/2011 1400				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloride-ASTM	101	101	80 - 120	0	10		

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-87571

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-30837-20	Units:	mg/Kg	MSD Lab Sample ID:	460-30837-20
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/28/2011 1214			Analysis Date:	09/28/2011 1214
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	09/26/2011 1400			Leach Date:	09/26/2011 1400

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Chloride-ASTM	100	U	1000	1000	1013	1014

DATA REPORTING QUALIFIERS

Client: Antea USA, Inc. Job Number: 460-30837-1

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.
	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.
	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: 460-30837-1

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
	*	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.
	D	Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.
	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.
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: 460-30837-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 460-85680					
460-30837-8	PMP-22-VS-S (1.5-2.0)	T	Solid	5035	
460-30837-9	PMP-22-VD-S (3.5-5.0)	T	Solid	5035	
460-30837-10	PMP-22-WT-S (7.0-8.5)	T	Solid	5035	
460-30837-11	PMP-23-VS-S (1-3)	T	Solid	5035	
460-30837-12	PMP-23-WT-S (6.5-8.5)	T	Solid	5035	
460-30837-13	PMP-23-VD-S (3.5-5.0)	T	Solid	5035	
460-30837-14	PMP-12-VS-S (0.5-1.0)	T	Solid	5035	
460-30837-15	PMP-12-VD-S (2.5-3.0)	T	Solid	5035	
460-30837-16	PMP-12-WT-S (7.0-7.5)	T	Solid	5035	
460-30837-17FD	Dup_090811	T	Solid	5035	
460-30837-18	PMP-25-VS-S (1-3)	T	Solid	5035	
460-30837-19	PMP-25-VD-S (3-5)	T	Solid	5035	
460-30837-20	PMP-25-WT-S (7.5-9.5)	T	Solid	5035	
460-30837-21	PMP-14-VS-S (0.5-1.0)	T	Solid	5035	
460-30837-22	PMP-14-VD-S (2.5-3.0)	T	Solid	5035	
460-30837-23	PMP-14-WT-S (7.0-7.5)	T	Solid	5035	
460-30837-24	PMP-8-VS-S (0.5-1.0)	T	Solid	5035	
460-30837-25	PMP-8-VD-S (2.5-3.0)	T	Solid	5035	
460-30837-26	PMP-8-WT-S (7.0-7.5)	T	Solid	5035	
460-30837-27	PMP-4-VS-S (0.5-1.0)	T	Solid	5035	
460-30837-28	PMP-4-VD-S (2.5-3.0)	T	Solid	5035	
460-30837-29	PMP-4-WT-S (7.0-7.5)	T	Solid	5035	
460-30837-32TB	TB_090911	T	Solid	5035	
Prep Batch: 460-85681					
460-30837-1	PMP-2-VD-S (3.5-4.0)	T	Solid	5035	
460-30837-2	PMP-2-WT-S (8.0-8.5)	T	Solid	5035	
460-30837-3	PMP-2-SI-S (10.5-11.0)	T	Solid	5035	
460-30837-4	PMP-24-VS-S (1-3)	T	Solid	5035	
460-30837-5	PMP-24-VD-S (4.5-6.0)	T	Solid	5035	
460-30837-6	PMP-24-WT-S (6.5-8.5)	T	Solid	5035	
460-30837-7	PMP-24-SI-S (10.5-12.5)	T	Solid	5035	
Analysis Batch:460-85734					
LCS 460-85734/3	Lab Control Sample	T	Water	8260B	
MB 460-85734/4	Method Blank	T	Water	8260B	
460-30743-B-7 MS	Matrix Spike	T	Water	8260B	
460-30743-B-7 MSD	Matrix Spike Duplicate	T	Water	8260B	
460-30837-30FB	FB_090811	T	Water	8260B	
460-30837-31	FB_090911	T	Water	8260B	

Client: Antea USA, Inc. Job Number: 460-30837-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-86004					
LCS 460-86004/3	Lab Control Sample	T	Solid	8260B	
LCSD 460-86004/4	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-86004/5	Method Blank	T	Solid	8260B	
460-30837-8	PMP-22-VS-S (1.5-2.0)	T	Solid	8260B	460-85680
460-30837-10	PMP-22-WT-S (7.0-8.5)	T	Solid	8260B	460-85680
460-30837-11	PMP-23-VS-S (1-3)	T	Solid	8260B	460-85680
460-30837-12	PMP-23-WT-S (6.5-8.5)	T	Solid	8260B	460-85680
460-30837-13	PMP-23-VD-S (3.5-5.0)	T	Solid	8260B	460-85680
460-30837-16	PMP-12-WT-S (7.0-7.5)	T	Solid	8260B	460-85680
460-30837-17FD	Dup_090811	T	Solid	8260B	460-85680
460-30837-18	PMP-25-VS-S (1-3)	T	Solid	8260B	460-85680
Analysis Batch:460-86112					
LCS 460-86112/3	Lab Control Sample	T	Solid	8260B	
LCSD 460-86112/16	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-86112/4	Method Blank	T	Solid	8260B	
460-30837-1	PMP-2-VD-S (3.5-4.0)	T	Solid	8260B	460-85681
460-30837-2	PMP-2-WT-S (8.0-8.5)	T	Solid	8260B	460-85681
460-30837-3	PMP-2-SI-S (10.5-11.0)	T	Solid	8260B	460-85681
460-30837-4	PMP-24-VS-S (1-3)	T	Solid	8260B	460-85681
460-30837-5	PMP-24-VD-S (4.5-6.0)	T	Solid	8260B	460-85681
460-30837-6	PMP-24-WT-S (6.5-8.5)	T	Solid	8260B	460-85681
460-30837-7	PMP-24-SI-S (10.5-12.5)	T	Solid	8260B	460-85681
Analysis Batch:460-86290					
LCS 460-86290/23	Lab Control Sample	T	Solid	8260B	
LCSD 460-86290/4	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-86290/5	Method Blank	T	Solid	8260B	
460-30837-14	PMP-12-VS-S (0.5-1.0)	T	Solid	8260B	460-85680
460-30837-15	PMP-12-VD-S (2.5-3.0)	T	Solid	8260B	460-85680
460-30837-19	PMP-25-VD-S (3-5)	T	Solid	8260B	460-85680
460-30837-20	PMP-25-WT-S (7.5-9.5)	T	Solid	8260B	460-85680
460-30837-21	PMP-14-VS-S (0.5-1.0)	T	Solid	8260B	460-85680
460-30837-22	PMP-14-VD-S (2.5-3.0)	T	Solid	8260B	460-85680
460-30837-23	PMP-14-WT-S (7.0-7.5)	T	Solid	8260B	460-85680
460-30837-24	PMP-8-VS-S (0.5-1.0)	T	Solid	8260B	460-85680
460-30837-25	PMP-8-VD-S (2.5-3.0)	T	Solid	8260B	460-85680
460-30837-26	PMP-8-WT-S (7.0-7.5)	T	Solid	8260B	460-85680

Client: Antea USA, Inc. Job Number: 460-30837-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-86306					
LCS 460-86306/3	Lab Control Sample	T	Solid	8260B	
LCSD 460-86306/4	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-86306/5	Method Blank	T	Solid	8260B	
460-30837-27	PMP-4-VS-S (0.5-1.0)	T	Solid	8260B	460-85680
460-30837-28	PMP-4-VD-S (2.5-3.0)	T	Solid	8260B	460-85680
460-30837-29	PMP-4-WT-S (7.0-7.5)	T	Solid	8260B	460-85680
460-30837-32TB	TB_090911	T	Solid	8260B	460-85680
Analysis Batch:460-86784					
LCS 460-86784/3	Lab Control Sample	T	Solid	8260B	
LCSD 460-86784/4	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-86784/5	Method Blank	T	Solid	8260B	
460-30837-9	PMP-22-VD-S (3.5-5.0)	T	Solid	8260B	460-85680

Report Basis
T = Total

Client: Antea USA, Inc. Job Number: 460-30837-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 460-85863					
LCS 460-85863/2-A	Lab Control Sample	T	Water	3510C	
LCSD 460-85863/3-A	Lab Control Sample Duplicate	T	Water	3510C	
MB 460-85863/1-A	Method Blank	T	Water	3510C	
460-30837-30FB	FB_090811	T	Water	3510C	
460-30837-31	FB_090911	T	Water	3510C	
Prep Batch: 460-85882					
LCS 460-85882/2-A	Lab Control Sample	T	Solid	3541	
MB 460-85882/1-A	Method Blank	T	Solid	3541	
460-30505-A-4-B MS	Matrix Spike	T	Solid	3541	
460-30505-A-4-C MSD	Matrix Spike Duplicate	T	Solid	3541	
460-30837-6	PMP-24-WT-S (6.5-8.5)	T	Solid	3541	
460-30837-7	PMP-24-SI-S (10.5-12.5)	T	Solid	3541	
460-30837-18	PMP-25-VS-S (1-3)	T	Solid	3541	
460-30837-19	PMP-25-VD-S (3-5)	T	Solid	3541	
460-30837-20	PMP-25-WT-S (7.5-9.5)	T	Solid	3541	
Analysis Batch:460-86039					
LCS 460-85882/2-A	Lab Control Sample	T	Solid	8270C	460-85882
MB 460-85882/1-A	Method Blank	T	Solid	8270C	460-85882
460-30505-A-4-B MS	Matrix Spike	T	Solid	8270C	460-85882
460-30505-A-4-C MSD	Matrix Spike Duplicate	T	Solid	8270C	460-85882
460-30837-7	PMP-24-SI-S (10.5-12.5)	T	Solid	8270C	460-85882
460-30837-18	PMP-25-VS-S (1-3)	T	Solid	8270C	460-85882
460-30837-19	PMP-25-VD-S (3-5)	T	Solid	8270C	460-85882
Analysis Batch:460-86052					
LCS 460-85863/2-A	Lab Control Sample	T	Water	8270C	460-85863
LCSD 460-85863/3-A	Lab Control Sample Duplicate	T	Water	8270C	460-85863
MB 460-85863/1-A	Method Blank	T	Water	8270C	460-85863
460-30837-30FB	FB_090811	T	Water	8270C	460-85863
460-30837-31	FB_090911	T	Water	8270C	460-85863
Analysis Batch:460-86190					
460-30837-6	PMP-24-WT-S (6.5-8.5)	T	Solid	8270C	460-85882
Analysis Batch:460-86198					
460-30837-20	PMP-25-WT-S (7.5-9.5)	T	Solid	8270C	460-85882

Client: Antea USA, Inc. Job Number: 460-30837-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 460-86273					
LCS 460-86273/2-A	Lab Control Sample	T	Solid	3541	
MB 460-86273/1-A	Method Blank	T	Solid	3541	
460-30837-1	PMP-2-VD-S (3.5-4.0)	T	Solid	3541	
460-30837-2	PMP-2-WT-S (8.0-8.5)	T	Solid	3541	
460-30837-3	PMP-2-SI-S (10.5-11.0)	T	Solid	3541	
460-30837-4	PMP-24-VS-S (1-3)	T	Solid	3541	
460-30837-5	PMP-24-VD-S (4.5-6.0)	T	Solid	3541	
460-30837-8	PMP-22-VS-S (1.5-2.0)	T	Solid	3541	
460-30837-9	PMP-22-VD-S (3.5-5.0)	T	Solid	3541	
460-30837-10	PMP-22-WT-S (7.0-8.5)	T	Solid	3541	
460-30837-11	PMP-23-VS-S (1-3)	T	Solid	3541	
460-30837-12	PMP-23-WT-S (6.5-8.5)	T	Solid	3541	
460-30837-13	PMP-23-VD-S (3.5-5.0)	T	Solid	3541	
460-31126-B-4-A MS	Matrix Spike	T	Solid	3541	
460-31126-C-4-A MSD	Matrix Spike Duplicate	T	Solid	3541	
Analysis Batch:460-86513					
MB 460-86273/1-A	Method Blank	T	Solid	8270C	460-86273
460-30837-9	PMP-22-VD-S (3.5-5.0)	T	Solid	8270C	460-86273
460-30837-10	PMP-22-WT-S (7.0-8.5)	T	Solid	8270C	460-86273
460-30837-11	PMP-23-VS-S (1-3)	T	Solid	8270C	460-86273
460-30837-12	PMP-23-WT-S (6.5-8.5)	T	Solid	8270C	460-86273
460-30837-13	PMP-23-VD-S (3.5-5.0)	T	Solid	8270C	460-86273
460-31126-B-4-A MS	Matrix Spike	T	Solid	8270C	460-86273
460-31126-C-4-A MSD	Matrix Spike Duplicate	T	Solid	8270C	460-86273
Prep Batch: 460-86534					
LCS 460-86534/2-A	Lab Control Sample	T	Solid	3541	
MB 460-86534/1-A	Method Blank	T	Solid	3541	
460-30837-14	PMP-12-VS-S (0.5-1.0)	T	Solid	3541	
460-30837-15	PMP-12-VD-S (2.5-3.0)	T	Solid	3541	
460-30837-16	PMP-12-WT-S (7.0-7.5)	T	Solid	3541	
460-30837-21	PMP-14-VS-S (0.5-1.0)	T	Solid	3541	
460-30837-22	PMP-14-VD-S (2.5-3.0)	T	Solid	3541	
460-30837-23	PMP-14-WT-S (7.0-7.5)	T	Solid	3541	
460-30837-24	PMP-8-VS-S (0.5-1.0)	T	Solid	3541	
460-30837-25	PMP-8-VD-S (2.5-3.0)	T	Solid	3541	
460-30837-26	PMP-8-WT-S (7.0-7.5)	T	Solid	3541	
460-30837-27	PMP-4-VS-S (0.5-1.0)	T	Solid	3541	
460-30837-28	PMP-4-VD-S (2.5-3.0)	T	Solid	3541	
460-30837-28MS	Matrix Spike	T	Solid	3541	
460-30837-28MSD	Matrix Spike Duplicate	T	Solid	3541	
460-30837-29	PMP-4-WT-S (7.0-7.5)	T	Solid	3541	

Client: Antea USA, Inc. Job Number: 460-30837-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 460-86659					
LCS 460-86659/2-A	Lab Control Sample	T	Solid	3541	
MB 460-86659/1-A	Method Blank	T	Solid	3541	
460-30837-17FD	Dup_090811	T	Solid	3541	
460-30849-D-6-E MS	Matrix Spike	T	Solid	3541	
460-30849-D-6-F MSD	Matrix Spike Duplicate	T	Solid	3541	
Analysis Batch:460-86671					
LCS 460-86273/2-A	Lab Control Sample	T	Solid	8270C	460-86273
460-30837-1	PMP-2-VD-S (3.5-4.0)	T	Solid	8270C	460-86273
460-30837-3	PMP-2-SI-S (10.5-11.0)	T	Solid	8270C	460-86273
460-30837-4	PMP-24-VS-S (1-3)	T	Solid	8270C	460-86273
460-30837-5	PMP-24-VD-S (4.5-6.0)	T	Solid	8270C	460-86273
460-30837-8	PMP-22-VS-S (1.5-2.0)	T	Solid	8270C	460-86273
Analysis Batch:460-86807					
LCS 460-86534/2-A	Lab Control Sample	T	Solid	8270C	460-86534
MB 460-86534/1-A	Method Blank	T	Solid	8270C	460-86534
460-30837-14	PMP-12-VS-S (0.5-1.0)	T	Solid	8270C	460-86534
460-30837-15	PMP-12-VD-S (2.5-3.0)	T	Solid	8270C	460-86534
460-30837-16	PMP-12-WT-S (7.0-7.5)	T	Solid	8270C	460-86534
460-30837-21	PMP-14-VS-S (0.5-1.0)	T	Solid	8270C	460-86534
460-30837-22	PMP-14-VD-S (2.5-3.0)	T	Solid	8270C	460-86534
460-30837-23	PMP-14-WT-S (7.0-7.5)	T	Solid	8270C	460-86534
460-30837-24	PMP-8-VS-S (0.5-1.0)	T	Solid	8270C	460-86534
460-30837-26	PMP-8-WT-S (7.0-7.5)	T	Solid	8270C	460-86534
460-30837-28	PMP-4-VD-S (2.5-3.0)	T	Solid	8270C	460-86534
460-30837-28MS	Matrix Spike	T	Solid	8270C	460-86534
460-30837-28MSD	Matrix Spike Duplicate	T	Solid	8270C	460-86534
460-30837-29	PMP-4-WT-S (7.0-7.5)	T	Solid	8270C	460-86534
Analysis Batch:460-86811					
460-30837-25	PMP-8-VD-S (2.5-3.0)	T	Solid	8270C	460-86534
460-30837-27	PMP-4-VS-S (0.5-1.0)	T	Solid	8270C	460-86534
Analysis Batch:460-86818					
460-30837-2	PMP-2-WT-S (8.0-8.5)	T	Solid	8270C	460-86273
Analysis Batch:460-86827					
LCS 460-86659/2-A	Lab Control Sample	T	Solid	8270C	460-86659
MB 460-86659/1-A	Method Blank	T	Solid	8270C	460-86659
460-30837-17FD	Dup_090811	T	Solid	8270C	460-86659
460-30849-D-6-E MS	Matrix Spike	T	Solid	8270C	460-86659
460-30849-D-6-F MSD	Matrix Spike Duplicate	T	Solid	8270C	460-86659

Client: Antea USA, Inc. Job Number: 460-30837-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch

Report Basis
T = Total

Client: Antea USA, Inc. Job Number: 460-30837-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 460-85730					
LCS 460-85730/2-A	Lab Control Sample	T	Water	3510C	
LCSD 460-85730/3-A	Lab Control Sample Duplicate	T	Water	3510C	
MB 460-85730/1-A	Method Blank	T	Water	3510C	
460-30837-30FB	FB_090811	T	Water	3510C	
460-30837-31	FB_090911	T	Water	3510C	
Prep Batch: 460-85857					
LCS 460-85857/2-A	Lab Control Sample	T	Water	3510C	
LCSD 460-85857/3-A	Lab Control Sample Duplicate	T	Water	3510C	
MB 460-85857/1-A	Method Blank	T	Water	3510C	
460-30837-30FB	FB_090811	T	Water	3510C	
460-30837-31	FB_090911	T	Water	3510C	
Prep Batch: 460-85887					
LCS 460-85887/2-A	Lab Control Sample	T	Solid	3546	
MB 460-85887/1-A	Method Blank	T	Solid	3546	
460-30837-1	PMP-2-VD-S (3.5-4.0)	T	Solid	3546	
460-30837-2	PMP-2-WT-S (8.0-8.5)	T	Solid	3546	
460-30837-3	PMP-2-SI-S (10.5-11.0)	T	Solid	3546	
460-30837-4	PMP-24-VS-S (1-3)	T	Solid	3546	
460-30837-5	PMP-24-VD-S (4.5-6.0)	T	Solid	3546	
460-30837-6	PMP-24-WT-S (6.5-8.5)	T	Solid	3546	
460-30837-7	PMP-24-SI-S (10.5-12.5)	T	Solid	3546	
460-30837-8	PMP-22-VS-S (1.5-2.0)	T	Solid	3546	
460-30837-9	PMP-22-VD-S (3.5-5.0)	T	Solid	3546	
460-30837-9MS	Matrix Spike	T	Solid	3546	
460-30837-9MSD	Matrix Spike Duplicate	T	Solid	3546	
460-30837-10	PMP-22-WT-S (7.0-8.5)	T	Solid	3546	
460-30837-11	PMP-23-VS-S (1-3)	T	Solid	3546	
460-30837-12	PMP-23-WT-S (6.5-8.5)	T	Solid	3546	
460-30837-13	PMP-23-VD-S (3.5-5.0)	T	Solid	3546	
460-30837-14	PMP-12-VS-S (0.5-1.0)	T	Solid	3546	
460-30837-15	PMP-12-VD-S (2.5-3.0)	T	Solid	3546	
460-30837-16	PMP-12-WT-S (7.0-7.5)	T	Solid	3546	
460-30837-17FD	Dup_090811	T	Solid	3546	
460-30837-18	PMP-25-VS-S (1-3)	T	Solid	3546	
460-30837-19	PMP-25-VD-S (3-5)	T	Solid	3546	
460-30837-20	PMP-25-WT-S (7.5-9.5)	T	Solid	3546	
Analysis Batch:460-85904					
LCS 460-85730/2-A	Lab Control Sample	T	Water	8082	460-85730
LCSD 460-85730/3-A	Lab Control Sample Duplicate	T	Water	8082	460-85730
MB 460-85730/1-A	Method Blank	T	Water	8082	460-85730
460-30837-30FB	FB_090811	T	Water	8082	460-85730
460-30837-31	FB_090911	T	Water	8082	460-85730

Client: Antea USA, Inc. Job Number: 460-30837-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 460-85949					
LCS 460-85949/2-A	Lab Control Sample	T	Solid	3546	
MB 460-85949/1-A	Method Blank	T	Solid	3546	
460-30837-21	PMP-14-VS-S (0.5-1.0)	T	Solid	3546	
460-30837-22	PMP-14-VD-S (2.5-3.0)	T	Solid	3546	
460-30837-23	PMP-14-WT-S (7.0-7.5)	T	Solid	3546	
460-30837-24	PMP-8-VS-S (0.5-1.0)	T	Solid	3546	
460-30837-25	PMP-8-VD-S (2.5-3.0)	T	Solid	3546	
460-30837-26	PMP-8-WT-S (7.0-7.5)	T	Solid	3546	
460-30837-27	PMP-4-VS-S (0.5-1.0)	T	Solid	3546	
460-30837-28	PMP-4-VD-S (2.5-3.0)	T	Solid	3546	
460-30837-29	PMP-4-WT-S (7.0-7.5)	T	Solid	3546	
460-30837-29MS	Matrix Spike	T	Solid	3546	
460-30837-29MSD	Matrix Spike Duplicate	T	Solid	3546	
Prep Batch: 460-85952					
LCS 460-85952/2-A	Lab Control Sample	T	Solid	3541	
MB 460-85952/1-A	Method Blank	T	Solid	3541	
460-30837-1	PMP-2-VD-S (3.5-4.0)	T	Solid	3541	
460-30837-1MS	Matrix Spike	T	Solid	3541	
460-30837-1MSD	Matrix Spike Duplicate	T	Solid	3541	
460-30837-2	PMP-2-WT-S (8.0-8.5)	T	Solid	3541	
460-30837-3	PMP-2-SI-S (10.5-11.0)	T	Solid	3541	
460-30837-4	PMP-24-VS-S (1-3)	T	Solid	3541	
460-30837-5	PMP-24-VD-S (4.5-6.0)	T	Solid	3541	
460-30837-6	PMP-24-WT-S (6.5-8.5)	T	Solid	3541	
460-30837-7	PMP-24-SI-S (10.5-12.5)	T	Solid	3541	
460-30837-8	PMP-22-VS-S (1.5-2.0)	T	Solid	3541	
460-30837-9	PMP-22-VD-S (3.5-5.0)	T	Solid	3541	
460-30837-10	PMP-22-WT-S (7.0-8.5)	T	Solid	3541	
460-30837-11	PMP-23-VS-S (1-3)	T	Solid	3541	
460-30837-12	PMP-23-WT-S (6.5-8.5)	T	Solid	3541	
460-30837-13	PMP-23-VD-S (3.5-5.0)	T	Solid	3541	
460-30837-14	PMP-12-VS-S (0.5-1.0)	T	Solid	3541	
460-30837-15	PMP-12-VD-S (2.5-3.0)	T	Solid	3541	
460-30837-16	PMP-12-WT-S (7.0-7.5)	T	Solid	3541	
460-30837-17FD	Dup_090811	T	Solid	3541	
460-30837-18	PMP-25-VS-S (1-3)	T	Solid	3541	
460-30837-19	PMP-25-VD-S (3-5)	T	Solid	3541	
460-30837-20	PMP-25-WT-S (7.5-9.5)	T	Solid	3541	

Client: Antea USA, Inc. Job Number: 460-30837-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 460-85953					
LCS 460-85953/2-A	Lab Control Sample	T	Solid	3541	
MB 460-85953/1-A	Method Blank	T	Solid	3541	
460-30837-21	PMP-14-VS-S (0.5-1.0)	T	Solid	3541	
460-30837-21MS	Matrix Spike	T	Solid	3541	
460-30837-21MSD	Matrix Spike Duplicate	T	Solid	3541	
460-30837-22	PMP-14-VD-S (2.5-3.0)	T	Solid	3541	
460-30837-23	PMP-14-WT-S (7.0-7.5)	T	Solid	3541	
460-30837-24	PMP-8-VS-S (0.5-1.0)	T	Solid	3541	
460-30837-25	PMP-8-VD-S (2.5-3.0)	T	Solid	3541	
460-30837-26	PMP-8-WT-S (7.0-7.5)	T	Solid	3541	
460-30837-27	PMP-4-VS-S (0.5-1.0)	T	Solid	3541	
460-30837-28	PMP-4-VD-S (2.5-3.0)	T	Solid	3541	
460-30837-29	PMP-4-WT-S (7.0-7.5)	T	Solid	3541	
Analysis Batch:460-86238					
LCS 460-85949/2-A	Lab Control Sample	T	Solid	NJ-OQA-QAM-02	460-85949
MB 460-85949/1-A	Method Blank	T	Solid	NJ-OQA-QAM-02	460-85949
460-30837-29	PMP-4-WT-S (7.0-7.5)	T	Solid	NJ-OQA-QAM-02	460-85949
460-30837-29MS	Matrix Spike	T	Solid	NJ-OQA-QAM-02	460-85949
460-30837-29MSD	Matrix Spike Duplicate	T	Solid	NJ-OQA-QAM-02	460-85949
Analysis Batch:460-86242					
460-30837-1	PMP-2-VD-S (3.5-4.0)	T	Solid	NJ-OQA-QAM-02	460-85887
460-30837-2	PMP-2-WT-S (8.0-8.5)	T	Solid	NJ-OQA-QAM-02	460-85887
460-30837-3	PMP-2-SI-S (10.5-11.0)	T	Solid	NJ-OQA-QAM-02	460-85887
460-30837-4	PMP-24-VS-S (1-3)	T	Solid	NJ-OQA-QAM-02	460-85887
460-30837-5	PMP-24-VD-S (4.5-6.0)	T	Solid	NJ-OQA-QAM-02	460-85887
460-30837-6	PMP-24-WT-S (6.5-8.5)	T	Solid	NJ-OQA-QAM-02	460-85887
460-30837-7	PMP-24-SI-S (10.5-12.5)	T	Solid	NJ-OQA-QAM-02	460-85887
460-30837-8	PMP-22-VS-S (1.5-2.0)	T	Solid	NJ-OQA-QAM-02	460-85887
460-30837-10	PMP-22-WT-S (7.0-8.5)	T	Solid	NJ-OQA-QAM-02	460-85887
460-30837-11	PMP-23-VS-S (1-3)	T	Solid	NJ-OQA-QAM-02	460-85887
460-30837-12	PMP-23-WT-S (6.5-8.5)	T	Solid	NJ-OQA-QAM-02	460-85887
Analysis Batch:460-86248					
MB 460-85887/1-A	Method Blank	T	Solid	NJ-OQA-QAM-02	460-85887
460-30837-9	PMP-22-VD-S (3.5-5.0)	T	Solid	NJ-OQA-QAM-02	460-85887
460-30837-9MS	Matrix Spike	T	Solid	NJ-OQA-QAM-02	460-85887
460-30837-9MSD	Matrix Spike Duplicate	T	Solid	NJ-OQA-QAM-02	460-85887
Analysis Batch:460-86259					
LCS 460-85857/2-A	Lab Control Sample	T	Water	NJ-OQA-QAM-02	460-85857
LCSD 460-85857/3-A	Lab Control Sample Duplicate	T	Water	NJ-OQA-QAM-02	460-85857
MB 460-85857/1-A	Method Blank	T	Water	NJ-OQA-QAM-02	460-85857

Client: Antea USA, Inc. Job Number: 460-30837-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:460-86370					
460-30837-13	PMP-23-VD-S (3.5-5.0)	T	Solid	NJ-OQA-QAM-02	460-85887
460-30837-14	PMP-12-VS-S (0.5-1.0)	T	Solid	NJ-OQA-QAM-02	460-85887
460-30837-15	PMP-12-VD-S (2.5-3.0)	T	Solid	NJ-OQA-QAM-02	460-85887
460-30837-16	PMP-12-WT-S (7.0-7.5)	T	Solid	NJ-OQA-QAM-02	460-85887
460-30837-17FD	Dup_090811	T	Solid	NJ-OQA-QAM-02	460-85887
460-30837-18	PMP-25-VS-S (1-3)	T	Solid	NJ-OQA-QAM-02	460-85887
460-30837-19	PMP-25-VD-S (3-5)	T	Solid	NJ-OQA-QAM-02	460-85887
460-30837-20	PMP-25-WT-S (7.5-9.5)	T	Solid	NJ-OQA-QAM-02	460-85887
460-30837-30FB	FB_090811	T	Water	NJ-OQA-QAM-02	460-85857
460-30837-31	FB_090911	T	Water	NJ-OQA-QAM-02	460-85857
Analysis Batch:460-86454					
LCS 460-85887/2-A	Lab Control Sample	T	Solid	NJ-OQA-QAM-02	460-85887
460-30837-21	PMP-14-VS-S (0.5-1.0)	T	Solid	NJ-OQA-QAM-02	460-85949
460-30837-22	PMP-14-VD-S (2.5-3.0)	T	Solid	NJ-OQA-QAM-02	460-85949
460-30837-23	PMP-14-WT-S (7.0-7.5)	T	Solid	NJ-OQA-QAM-02	460-85949
460-30837-24	PMP-8-VS-S (0.5-1.0)	T	Solid	NJ-OQA-QAM-02	460-85949
460-30837-25	PMP-8-VD-S (2.5-3.0)	T	Solid	NJ-OQA-QAM-02	460-85949
460-30837-26	PMP-8-WT-S (7.0-7.5)	T	Solid	NJ-OQA-QAM-02	460-85949
460-30837-27	PMP-4-VS-S (0.5-1.0)	T	Solid	NJ-OQA-QAM-02	460-85949
460-30837-28	PMP-4-VD-S (2.5-3.0)	T	Solid	NJ-OQA-QAM-02	460-85949
Analysis Batch:460-86731					
460-30837-2	PMP-2-WT-S (8.0-8.5)	T	Solid	8082	460-85952
460-30837-3	PMP-2-SI-S (10.5-11.0)	T	Solid	8082	460-85952
460-30837-7	PMP-24-SI-S (10.5-12.5)	T	Solid	8082	460-85952
460-30837-8	PMP-22-VS-S (1.5-2.0)	T	Solid	8082	460-85952
Analysis Batch:460-86732					
LCS 460-85952/2-A	Lab Control Sample	T	Solid	8082	460-85952
MB 460-85952/1-A	Method Blank	T	Solid	8082	460-85952
460-30837-1	PMP-2-VD-S (3.5-4.0)	T	Solid	8082	460-85952
460-30837-1MS	Matrix Spike	T	Solid	8082	460-85952
460-30837-1MSD	Matrix Spike Duplicate	T	Solid	8082	460-85952
460-30837-9	PMP-22-VD-S (3.5-5.0)	T	Solid	8082	460-85952
460-30837-10	PMP-22-WT-S (7.0-8.5)	T	Solid	8082	460-85952
460-30837-11	PMP-23-VS-S (1-3)	T	Solid	8082	460-85952
460-30837-12	PMP-23-WT-S (6.5-8.5)	T	Solid	8082	460-85952
460-30837-13	PMP-23-VD-S (3.5-5.0)	T	Solid	8082	460-85952
460-30837-14	PMP-12-VS-S (0.5-1.0)	T	Solid	8082	460-85952
460-30837-15	PMP-12-VD-S (2.5-3.0)	T	Solid	8082	460-85952
460-30837-16	PMP-12-WT-S (7.0-7.5)	T	Solid	8082	460-85952

Client: Antea USA, Inc. Job Number: 460-30837-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:460-86735					
460-30837-17FD	Dup_090811	T	Solid	8082	460-85952
460-30837-18	PMP-25-VS-S (1-3)	T	Solid	8082	460-85952
460-30837-19	PMP-25-VD-S (3-5)	T	Solid	8082	460-85952
460-30837-20	PMP-25-WT-S (7.5-9.5)	T	Solid	8082	460-85952
Analysis Batch:460-86737					
460-30837-4	PMP-24-VS-S (1-3)	T	Solid	8082	460-85952
460-30837-5	PMP-24-VD-S (4.5-6.0)	T	Solid	8082	460-85952
460-30837-6	PMP-24-WT-S (6.5-8.5)	T	Solid	8082	460-85952
Analysis Batch:460-86753					
LCS 460-85953/2-A	Lab Control Sample	T	Solid	8082	460-85953
MB 460-85953/1-A	Method Blank	T	Solid	8082	460-85953
460-30837-22	PMP-14-VD-S (2.5-3.0)	T	Solid	8082	460-85953
460-30837-23	PMP-14-WT-S (7.0-7.5)	T	Solid	8082	460-85953
460-30837-25	PMP-8-VD-S (2.5-3.0)	T	Solid	8082	460-85953
460-30837-26	PMP-8-WT-S (7.0-7.5)	T	Solid	8082	460-85953
460-30837-28	PMP-4-VD-S (2.5-3.0)	T	Solid	8082	460-85953
460-30837-29	PMP-4-WT-S (7.0-7.5)	T	Solid	8082	460-85953
Analysis Batch:460-86921					
460-30837-21	PMP-14-VS-S (0.5-1.0)	T	Solid	8082	460-85953
460-30837-21MS	Matrix Spike	T	Solid	8082	460-85953
460-30837-21MSD	Matrix Spike Duplicate	T	Solid	8082	460-85953
460-30837-24	PMP-8-VS-S (0.5-1.0)	T	Solid	8082	460-85953
460-30837-27	PMP-4-VS-S (0.5-1.0)	T	Solid	8082	460-85953

Report Basis
T = Total

Client: Antea USA, Inc. Job Number: 460-30837-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:460-85914					
460-30837-1	PMP-2-VD-S (3.5-4.0)	T	Solid	Moisture	
460-30837-2	PMP-2-WT-S (8.0-8.5)	T	Solid	Moisture	
460-30837-3	PMP-2-SI-S (10.5-11.0)	T	Solid	Moisture	
460-30837-4	PMP-24-VS-S (1-3)	T	Solid	Moisture	
460-30837-5	PMP-24-VD-S (4.5-6.0)	T	Solid	Moisture	
460-30837-6	PMP-24-WT-S (6.5-8.5)	T	Solid	Moisture	
460-30837-7	PMP-24-SI-S (10.5-12.5)	T	Solid	Moisture	
460-30837-8	PMP-22-VS-S (1.5-2.0)	T	Solid	Moisture	
460-30837-9	PMP-22-VD-S (3.5-5.0)	T	Solid	Moisture	
460-30837-10	PMP-22-WT-S (7.0-8.5)	T	Solid	Moisture	
460-30837-11	PMP-23-VS-S (1-3)	T	Solid	Moisture	
460-30837-12	PMP-23-WT-S (6.5-8.5)	T	Solid	Moisture	
460-30837-13	PMP-23-VD-S (3.5-5.0)	T	Solid	Moisture	
460-30837-14	PMP-12-VS-S (0.5-1.0)	T	Solid	Moisture	
460-30837-14DU	Duplicate	T	Solid	Moisture	
460-30837-15	PMP-12-VD-S (2.5-3.0)	T	Solid	Moisture	
460-30837-16	PMP-12-WT-S (7.0-7.5)	T	Solid	Moisture	
460-30837-17FD	Dup_090811	T	Solid	Moisture	
460-30837-18	PMP-25-VS-S (1-3)	T	Solid	Moisture	
460-30837-19	PMP-25-VD-S (3-5)	T	Solid	Moisture	
460-30837-20	PMP-25-WT-S (7.5-9.5)	T	Solid	Moisture	
460-30837-21	PMP-14-VS-S (0.5-1.0)	T	Solid	Moisture	
460-30837-22	PMP-14-VD-S (2.5-3.0)	T	Solid	Moisture	
460-30837-23	PMP-14-WT-S (7.0-7.5)	T	Solid	Moisture	
460-30837-24	PMP-8-VS-S (0.5-1.0)	T	Solid	Moisture	
460-30837-25	PMP-8-VD-S (2.5-3.0)	T	Solid	Moisture	
460-30837-26	PMP-8-WT-S (7.0-7.5)	T	Solid	Moisture	
460-30837-27	PMP-4-VS-S (0.5-1.0)	T	Solid	Moisture	
460-30837-28	PMP-4-VD-S (2.5-3.0)	T	Solid	Moisture	
460-30837-29	PMP-4-WT-S (7.0-7.5)	T	Solid	Moisture	
Analysis Batch:460-85926					
LCS 460-85926/2	Lab Control Sample	T	Water	SM 4500 Cl- B	
MB 460-85926/1	Method Blank	T	Water	SM 4500 Cl- B	
460-30495-A-1 MS	Matrix Spike	T	Water	SM 4500 Cl- B	
460-30495-A-1 MSD	Matrix Spike Duplicate	T	Water	SM 4500 Cl- B	
460-30837-30FB	FB_090811	T	Water	SM 4500 Cl- B	
460-30837-31	FB_090911	T	Water	SM 4500 Cl- B	

Client: Antea USA, Inc. Job Number: 460-30837-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Prep Batch: 460-87310					
LB 460-87310/1-A	TCLP SPLPE Leachate Blank	Y	Solid	D3987-85	
460-30837-1	PMP-2-VD-S (3.5-4.0)	Y	Solid	D3987-85	
460-30837-1MS	Matrix Spike	Y	Solid	D3987-85	
460-30837-1MSD	Matrix Spike Duplicate	Y	Solid	D3987-85	
460-30837-2	PMP-2-WT-S (8.0-8.5)	Y	Solid	D3987-85	
460-30837-3	PMP-2-SI-S (10.5-11.0)	Y	Solid	D3987-85	
460-30837-4	PMP-24-VS-S (1-3)	Y	Solid	D3987-85	
460-30837-5	PMP-24-VD-S (4.5-6.0)	Y	Solid	D3987-85	
460-30837-6	PMP-24-WT-S (6.5-8.5)	Y	Solid	D3987-85	
460-30837-7	PMP-24-SI-S (10.5-12.5)	Y	Solid	D3987-85	
460-30837-8	PMP-22-VS-S (1.5-2.0)	Y	Solid	D3987-85	
460-30837-9	PMP-22-VD-S (3.5-5.0)	Y	Solid	D3987-85	
460-30837-10	PMP-22-WT-S (7.0-8.5)	Y	Solid	D3987-85	
460-30837-10MS	Matrix Spike	Y	Solid	D3987-85	
460-30837-10MSD	Matrix Spike Duplicate	Y	Solid	D3987-85	
460-30837-11	PMP-23-VS-S (1-3)	Y	Solid	D3987-85	
460-30837-12	PMP-23-WT-S (6.5-8.5)	Y	Solid	D3987-85	
460-30837-13	PMP-23-VD-S (3.5-5.0)	Y	Solid	D3987-85	
460-30837-14	PMP-12-VS-S (0.5-1.0)	Y	Solid	D3987-85	
460-30837-15	PMP-12-VD-S (2.5-3.0)	Y	Solid	D3987-85	
460-30837-16	PMP-12-WT-S (7.0-7.5)	Y	Solid	D3987-85	
460-30837-17FD	Dup_090811	Y	Solid	D3987-85	
460-30837-18	PMP-25-VS-S (1-3)	Y	Solid	D3987-85	
460-30837-19	PMP-25-VD-S (3-5)	Y	Solid	D3987-85	
460-30837-20	PMP-25-WT-S (7.5-9.5)	Y	Solid	D3987-85	
460-30837-20MS	Matrix Spike	Y	Solid	D3987-85	
460-30837-20MSD	Matrix Spike Duplicate	Y	Solid	D3987-85	
Prep Batch: 460-87403					
LB 460-87403/1-A	TCLP SPLPE Leachate Blank	Y	Solid	D3987-85	
460-30837-21	PMP-14-VS-S (0.5-1.0)	Y	Solid	D3987-85	
460-30837-22	PMP-14-VD-S (2.5-3.0)	Y	Solid	D3987-85	
460-30837-22MS	Matrix Spike	Y	Solid	D3987-85	
460-30837-22MSD	Matrix Spike Duplicate	Y	Solid	D3987-85	
460-30837-23	PMP-14-WT-S (7.0-7.5)	Y	Solid	D3987-85	
460-30837-24	PMP-8-VS-S (0.5-1.0)	Y	Solid	D3987-85	
460-30837-25	PMP-8-VD-S (2.5-3.0)	Y	Solid	D3987-85	
460-30837-26	PMP-8-WT-S (7.0-7.5)	Y	Solid	D3987-85	
460-30837-27	PMP-4-VS-S (0.5-1.0)	Y	Solid	D3987-85	
460-30837-28	PMP-4-VD-S (2.5-3.0)	Y	Solid	D3987-85	
460-30837-29	PMP-4-WT-S (7.0-7.5)	Y	Solid	D3987-85	

Client: Antea USA, Inc. Job Number: 460-30837-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:460-87534					
LB 460-87310/1-A	TCLP SPLPE Leachate Blank	Y	Solid	SM 4500 Cl- E	
LCS 460-87534/6	Lab Control Sample	T	Water	SM 4500 Cl- E	
MB 460-87534/5	Method Blank	T	Water	SM 4500 Cl- E	
460-30837-1	PMP-2-VD-S (3.5-4.0)	Y	Solid	SM 4500 Cl- E	
460-30837-1MS	Matrix Spike	Y	Solid	SM 4500 Cl- E	
460-30837-1MSD	Matrix Spike Duplicate	Y	Solid	SM 4500 Cl- E	
460-30837-2	PMP-2-WT-S (8.0-8.5)	Y	Solid	SM 4500 Cl- E	
460-30837-3	PMP-2-SI-S (10.5-11.0)	Y	Solid	SM 4500 Cl- E	
460-30837-4	PMP-24-VS-S (1-3)	Y	Solid	SM 4500 Cl- E	
460-30837-5	PMP-24-VD-S (4.5-6.0)	Y	Solid	SM 4500 Cl- E	
460-30837-6	PMP-24-WT-S (6.5-8.5)	Y	Solid	SM 4500 Cl- E	
460-30837-7	PMP-24-SI-S (10.5-12.5)	Y	Solid	SM 4500 Cl- E	
460-30837-8	PMP-22-VS-S (1.5-2.0)	Y	Solid	SM 4500 Cl- E	
460-30837-9	PMP-22-VD-S (3.5-5.0)	Y	Solid	SM 4500 Cl- E	
Analysis Batch:460-87538					
LB 460-87310/1-A	TCLP SPLPE Leachate Blank	Y	Solid	SM 4500 Cl- E	
LCS 460-87538/6	Lab Control Sample	T	Water	SM 4500 Cl- E	
MB 460-87538/5	Method Blank	T	Water	SM 4500 Cl- E	
460-30837-10	PMP-22-WT-S (7.0-8.5)	Y	Solid	SM 4500 Cl- E	
460-30837-10MS	Matrix Spike	Y	Solid	SM 4500 Cl- E	
460-30837-10MSD	Matrix Spike Duplicate	Y	Solid	SM 4500 Cl- E	
460-30837-11	PMP-23-VS-S (1-3)	Y	Solid	SM 4500 Cl- E	
460-30837-12	PMP-23-WT-S (6.5-8.5)	Y	Solid	SM 4500 Cl- E	
460-30837-13	PMP-23-VD-S (3.5-5.0)	Y	Solid	SM 4500 Cl- E	
460-30837-14	PMP-12-VS-S (0.5-1.0)	Y	Solid	SM 4500 Cl- E	
460-30837-15	PMP-12-VD-S (2.5-3.0)	Y	Solid	SM 4500 Cl- E	
460-30837-16	PMP-12-WT-S (7.0-7.5)	Y	Solid	SM 4500 Cl- E	
460-30837-17FD	Dup_090811	Y	Solid	SM 4500 Cl- E	
460-30837-18	PMP-25-VS-S (1-3)	Y	Solid	SM 4500 Cl- E	

Client: Antea USA, Inc. Job Number: 460-30837-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:460-87551					
LB 460-87403/1-A	TCLP SPLPE Leachate Blank	Y	Solid	SM 4500 Cl- E	
LCS 460-87551/6	Lab Control Sample	T	Water	SM 4500 Cl- E	
MB 460-87551/5	Method Blank	T	Water	SM 4500 Cl- E	
460-30837-21	PMP-14-VS-S (0.5-1.0)	Y	Solid	SM 4500 Cl- E	
460-30837-22	PMP-14-VD-S (2.5-3.0)	Y	Solid	SM 4500 Cl- E	
460-30837-22MS	Matrix Spike	Y	Solid	SM 4500 Cl- E	
460-30837-22MSD	Matrix Spike Duplicate	Y	Solid	SM 4500 Cl- E	
460-30837-23	PMP-14-WT-S (7.0-7.5)	Y	Solid	SM 4500 Cl- E	
460-30837-24	PMP-8-VS-S (0.5-1.0)	Y	Solid	SM 4500 Cl- E	
460-30837-25	PMP-8-VD-S (2.5-3.0)	Y	Solid	SM 4500 Cl- E	
460-30837-26	PMP-8-WT-S (7.0-7.5)	Y	Solid	SM 4500 Cl- E	
460-30837-27	PMP-4-VS-S (0.5-1.0)	Y	Solid	SM 4500 Cl- E	
460-30837-28	PMP-4-VD-S (2.5-3.0)	Y	Solid	SM 4500 Cl- E	
460-30837-29	PMP-4-WT-S (7.0-7.5)	Y	Solid	SM 4500 Cl- E	
Analysis Batch:460-87571					
LB 460-87310/1-A	TCLP SPLPE Leachate Blank	Y	Solid	SM 4500 Cl- E	
LCS 460-87571/6	Lab Control Sample	T	Water	SM 4500 Cl- E	
MB 460-87571/5	Method Blank	T	Water	SM 4500 Cl- E	
460-30837-19	PMP-25-VD-S (3-5)	Y	Solid	SM 4500 Cl- E	
460-30837-20	PMP-25-WT-S (7.5-9.5)	Y	Solid	SM 4500 Cl- E	
460-30837-20MS	Matrix Spike	Y	Solid	SM 4500 Cl- E	
460-30837-20MSD	Matrix Spike Duplicate	Y	Solid	SM 4500 Cl- E	

Report Basis

Y = ASTM

T = Total

Client: Antea USA, Inc. Job Number: 460-30837-1

Laboratory Chronicle

Lab ID: 460-30837-1 **Client ID: PMP-2-VD-S (3.5-4.0)**

Sample Date/Time: 09/08/2011 16:15 Received Date/Time: 09/09/2011 14:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-30837-C-1-A		460-86112	460-85681	09/10/2011 09:34	50	TAL EDI	SD
A:8260B	460-30837-C-1-A		460-86112	460-85681	09/15/2011 07:15	50	TAL EDI	AT
P:3541	460-30837-F-1-E		460-86671	460-86273	09/16/2011 07:35	1	TAL EDI	ARA
A:8270C	460-30837-F-1-E		460-86671	460-86273	09/18/2011 04:25	1	TAL EDI	MS
P:3541	460-30837-F-1-D		460-86732	460-85952	09/14/2011 04:57	1	TAL EDI	ARA
A:8082	460-30837-F-1-D		460-86732	460-85952	09/15/2011 11:24	1	TAL EDI	CBB
P:3546	460-30837-F-1-A		460-86242	460-85887	09/13/2011 10:30	20	TAL EDI	hp
A:NJ-OQA-QAM-025	460-30837-F-1-A		460-86242	460-85887	09/15/2011 18:07	20	TAL EDI	CBB
A:Moisture	460-30837-F-1		460-85914		09/13/2011 13:58	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-30837-A-1-A		460-87534		09/28/2011 09:30	1	TAL EDI	MB

Lab ID: 460-30837-1 MS **Client ID: PMP-2-VD-S (3.5-4.0)**

Sample Date/Time: 09/08/2011 16:15 Received Date/Time: 09/09/2011 14:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-30837-F-1-B MS		460-86732	460-85952	09/14/2011 04:57	1	TAL EDI	ARA
A:8082	460-30837-F-1-B MS		460-86732	460-85952	09/15/2011 10:52	1	TAL EDI	CBB
A:SM 4500 Cl- E	460-30837-A-1-A MS		460-87534		09/28/2011 09:33	1	TAL EDI	MB

Lab ID: 460-30837-1 MSD **Client ID: PMP-2-VD-S (3.5-4.0)**

Sample Date/Time: 09/08/2011 16:15 Received Date/Time: 09/09/2011 14:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-30837-F-1-C MSD		460-86732	460-85952	09/14/2011 04:57	1	TAL EDI	ARA
A:8082	460-30837-F-1-C MSD		460-86732	460-85952	09/15/2011 11:08	1	TAL EDI	CBB
A:SM 4500 Cl- E	460-30837-A-1-A MSD		460-87534		09/28/2011 09:33	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-30837-1

Laboratory Chronicle

Lab ID: 460-30837-2 **Client ID: PMP-2-WT-S (8.0-8.5)**

Sample Date/Time: 09/08/2011 16:20 Received Date/Time: 09/09/2011 14:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-30837-C-2-A		460-86112	460-85681	09/10/2011 09:34	100	TAL EDI	SD
A:8260B	460-30837-C-2-A		460-86112	460-85681	09/15/2011 08:39	100	TAL EDI	AT
P:3541	460-30837-F-2-C		460-86818	460-86273	09/16/2011 07:35	2	TAL EDI	ARA
A:8270C	460-30837-F-2-C		460-86818	460-86273	09/20/2011 18:03	2	TAL EDI	AAA
P:3541	460-30837-F-2-B		460-86731	460-85952	09/14/2011 04:57	100	TAL EDI	ARA
A:8082	460-30837-F-2-B		460-86731	460-85952	09/20/2011 02:52	100	TAL EDI	CBB
P:3546	460-30837-F-2-A		460-86242	460-85887	09/13/2011 10:30	100	TAL EDI	hp
A:NJ-OQA-QAM-025	460-30837-F-2-A		460-86242	460-85887	09/15/2011 18:22	100	TAL EDI	CBB
A:Moisture	460-30837-F-2		460-85914		09/13/2011 13:58	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-30837-A-2-A		460-87534		09/28/2011 09:30	1	TAL EDI	MB

Lab ID: 460-30837-3 **Client ID: PMP-2-SI-S (10.5-11.0)**

Sample Date/Time: 09/08/2011 16:25 Received Date/Time: 09/09/2011 14:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-30837-C-3-A		460-86112	460-85681	09/10/2011 09:35	100	TAL EDI	SD
A:8260B	460-30837-C-3-A		460-86112	460-85681	09/15/2011 15:36	100	TAL EDI	AT
P:3541	460-30837-F-3-C		460-86671	460-86273	09/16/2011 07:35	2	TAL EDI	ARA
A:8270C	460-30837-F-3-C		460-86671	460-86273	09/18/2011 05:17	2	TAL EDI	MS
P:3541	460-30837-F-3-B		460-86731	460-85952	09/14/2011 04:57	100	TAL EDI	ARA
A:8082	460-30837-F-3-B		460-86731	460-85952	09/20/2011 03:08	100	TAL EDI	CBB
P:3546	460-30837-F-3-A		460-86242	460-85887	09/13/2011 10:30	100	TAL EDI	hp
A:NJ-OQA-QAM-025	460-30837-F-3-A		460-86242	460-85887	09/15/2011 18:36	100	TAL EDI	CBB
A:Moisture	460-30837-F-3		460-85914		09/13/2011 13:58	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-30837-A-3-A		460-87534		09/28/2011 09:30	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-30837-1

Laboratory Chronicle

Lab ID: 460-30837-4 **Client ID: PMP-24-VS-S (1-3)**

Sample Date/Time: 09/08/2011 16:40 Received Date/Time: 09/09/2011 14:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-30837-C-4-A		460-86112	460-85681	09/10/2011 09:35	50	TAL EDI	SD
A:8260B	460-30837-C-4-A		460-86112	460-85681	09/15/2011 10:30	50	TAL EDI	AT
P:3541	460-30837-F-4-C		460-86671	460-86273	09/16/2011 07:35	5	TAL EDI	ARA
A:8270C	460-30837-F-4-C		460-86671	460-86273	09/18/2011 06:08	5	TAL EDI	MS
P:3541	460-30837-F-4-B		460-86737	460-85952	09/14/2011 04:57	5000	TAL EDI	ARA
A:8082	460-30837-F-4-B		460-86737	460-85952	09/20/2011 23:17	5000	TAL EDI	CBB
P:3546	460-30837-F-4-A		460-86242	460-85887	09/13/2011 10:30	100	TAL EDI	hp
A:NJ-OQA-QAM-025	460-30837-F-4-A		460-86242	460-85887	09/15/2011 18:50	100	TAL EDI	CBB
A:Moisture	460-30837-F-4		460-85914		09/13/2011 13:58	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-30837-A-4-A		460-87534		09/28/2011 09:30	1	TAL EDI	MB

Lab ID: 460-30837-5 **Client ID: PMP-24-VD-S (4.5-6.0)**

Sample Date/Time: 09/08/2011 16:45 Received Date/Time: 09/09/2011 14:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-30837-C-5-A		460-86112	460-85681	09/10/2011 09:36	500	TAL EDI	SD
A:8260B	460-30837-C-5-A		460-86112	460-85681	09/15/2011 15:09	500	TAL EDI	AT
P:3541	460-30837-F-5-C		460-86671	460-86273	09/16/2011 07:35	5	TAL EDI	ARA
A:8270C	460-30837-F-5-C		460-86671	460-86273	09/18/2011 06:34	5	TAL EDI	MS
P:3541	460-30837-F-5-B		460-86737	460-85952	09/14/2011 04:57	5000	TAL EDI	ARA
A:8082	460-30837-F-5-B		460-86737	460-85952	09/21/2011 01:09	5000	TAL EDI	CBB
P:3546	460-30837-F-5-A		460-86242	460-85887	09/13/2011 10:30	200	TAL EDI	hp
A:NJ-OQA-QAM-025	460-30837-F-5-A		460-86242	460-85887	09/15/2011 19:04	200	TAL EDI	CBB
A:Moisture	460-30837-F-5		460-85914		09/13/2011 13:58	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-30837-A-5-A		460-87534		09/28/2011 09:30	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-30837-1

Laboratory Chronicle

Lab ID: 460-30837-6 **Client ID: PMP-24-WT-S (6.5-8.5)**

Sample Date/Time: 09/08/2011 16:55 Received Date/Time: 09/09/2011 14:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-30837-C-6-A		460-86112	460-85681	09/10/2011 09:36	50	TAL EDI	SD
A:8260B	460-30837-C-6-A		460-86112	460-85681	09/15/2011 08:11	50	TAL EDI	AT
P:3541	460-30837-F-6-B		460-86190	460-85882	09/13/2011 10:15	5	TAL EDI	cm
A:8270C	460-30837-F-6-B		460-86190	460-85882	09/14/2011 18:33	5	TAL EDI	MS
P:3541	460-30837-F-6-C		460-86737	460-85952	09/14/2011 04:57	5000	TAL EDI	ARA
A:8082	460-30837-F-6-C		460-86737	460-85952	09/20/2011 23:49	5000	TAL EDI	CBB
P:3546	460-30837-F-6-A		460-86242	460-85887	09/13/2011 10:30	100	TAL EDI	hp
A:NJ-OQA-QAM-025	460-30837-F-6-A		460-86242	460-85887	09/15/2011 19:30	100	TAL EDI	CBB
A:Moisture	460-30837-A-6		460-85914		09/13/2011 13:58	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-30837-A-6-A		460-87534		09/28/2011 09:30	1	TAL EDI	MB

Lab ID: 460-30837-7 **Client ID: PMP-24-SI-S (10.5-12.5)**

Sample Date/Time: 09/08/2011 17:05 Received Date/Time: 09/09/2011 14:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-30837-C-7-A		460-86112	460-85681	09/10/2011 09:37	50	TAL EDI	SD
A:8260B	460-30837-C-7-A		460-86112	460-85681	09/15/2011 10:02	50	TAL EDI	AT
P:3541	460-30837-F-7-B		460-86039	460-85882	09/13/2011 10:15	1	TAL EDI	cm
A:8270C	460-30837-F-7-B		460-86039	460-85882	09/14/2011 08:05	1	TAL EDI	AAA
P:3541	460-30837-F-7-C		460-86731	460-85952	09/14/2011 04:57	500	TAL EDI	ARA
A:8082	460-30837-F-7-C		460-86731	460-85952	09/20/2011 04:11	500	TAL EDI	CBB
P:3546	460-30837-F-7-A		460-86242	460-85887	09/13/2011 10:30	100	TAL EDI	hp
A:NJ-OQA-QAM-025	460-30837-F-7-A		460-86242	460-85887	09/15/2011 20:10	100	TAL EDI	CBB
A:Moisture	460-30837-A-7		460-85914		09/13/2011 13:58	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-30837-A-7-A		460-87534		09/28/2011 09:30	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-30837-1

Laboratory Chronicle

Lab ID: 460-30837-8 **Client ID: PMP-22-VS-S (1.5-2.0)**

Sample Date/Time: 09/08/2011 17:25 Received Date/Time: 09/09/2011 14:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-30837-E-8-A		460-86004	460-85680	09/10/2011 09:18	1	TAL EDI	SD
A:8260B	460-30837-E-8-A		460-86004	460-85680	09/14/2011 11:43	1	TAL EDI	AT
P:3541	460-30837-F-8-C		460-86671	460-86273	09/16/2011 07:35	1	TAL EDI	ARA
A:8270C	460-30837-F-8-C		460-86671	460-86273	09/18/2011 05:42	1	TAL EDI	MS
P:3541	460-30837-F-8-B		460-86731	460-85952	09/14/2011 04:57	10	TAL EDI	ARA
A:8082	460-30837-F-8-B		460-86731	460-85952	09/20/2011 04:27	10	TAL EDI	CBB
P:3546	460-30837-F-8-A		460-86242	460-85887	09/13/2011 10:30	1	TAL EDI	hp
A:NJ-OQA-QAM-025	460-30837-F-8-A		460-86242	460-85887	09/15/2011 20:22	1	TAL EDI	CBB
A:Moisture	460-30837-F-8		460-85914		09/13/2011 13:58	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-30837-A-8-A		460-87534		09/28/2011 09:33	1	TAL EDI	MB

Lab ID: 460-30837-9 **Client ID: PMP-22-VD-S (3.5-5.0)**

Sample Date/Time: 09/08/2011 17:30 Received Date/Time: 09/09/2011 14:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-30837-E-9-A		460-86784	460-85680	09/10/2011 09:19	1	TAL EDI	SD
A:8260B	460-30837-E-9-A		460-86784	460-85680	09/21/2011 08:13	1	TAL EDI	AT
P:3541	460-30837-F-9-E		460-86513	460-86273	09/16/2011 07:35	1	TAL EDI	ARA
A:8270C	460-30837-F-9-E		460-86513	460-86273	09/17/2011 10:06	1	TAL EDI	AAA
P:3541	460-30837-F-9-D		460-86732	460-85952	09/14/2011 04:57	1	TAL EDI	ARA
A:8082	460-30837-F-9-D		460-86732	460-85952	09/15/2011 13:30	1	TAL EDI	CBB
P:3546	460-30837-F-9-C		460-86248	460-85887	09/13/2011 10:30	1	TAL EDI	hp
A:NJ-OQA-QAM-025	460-30837-F-9-C		460-86248	460-85887	09/14/2011 03:25	1	TAL EDI	CBB
A:Moisture	460-30837-F-9		460-85914		09/13/2011 13:58	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-30837-A-9-A		460-87534		09/28/2011 09:33	1	TAL EDI	MB

Lab ID: 460-30837-9 MS **Client ID: PMP-22-VD-S (3.5-5.0)**

Sample Date/Time: 09/08/2011 17:30 Received Date/Time: 09/09/2011 14:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-30837-F-9-A MS		460-86248	460-85887	09/13/2011 10:30	1	TAL EDI	hp
A:NJ-OQA-QAM-025	460-30837-F-9-A MS		460-86248	460-85887	09/14/2011 01:38	1	TAL EDI	CBB

Client: Antea USA, Inc. Job Number: 460-30837-1

Laboratory Chronicle

Lab ID: 460-30837-9 MSD **Client ID: PMP-22-VD-S (3.5-5.0)**

Sample Date/Time: 09/08/2011 17:30 Received Date/Time: 09/09/2011 14:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-30837-F-9-B MSD		460-86248	460-85887	09/13/2011 10:30	1	TAL EDI	hp
A:NJ-OQA-QAM-025	460-30837-F-9-B MSD		460-86248	460-85887	09/14/2011 01:53	1	TAL EDI	CBB

Lab ID: 460-30837-10 **Client ID: PMP-22-WT-S (7.0-8.5)**

Sample Date/Time: 09/08/2011 17:35 Received Date/Time: 09/09/2011 14:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-30837-E-10-A		460-86004	460-85680	09/10/2011 09:19	1	TAL EDI	SD
A:8260B	460-30837-E-10-A		460-86004	460-85680	09/14/2011 12:08	1	TAL EDI	AT
P:3541	460-30837-F-10-C		460-86513	460-86273	09/16/2011 07:35	1	TAL EDI	ARA
A:8270C	460-30837-F-10-C		460-86513	460-86273	09/17/2011 10:32	1	TAL EDI	AAA
P:3541	460-30837-F-10-B		460-86732	460-85952	09/14/2011 04:57	1	TAL EDI	ARA
A:8082	460-30837-F-10-B		460-86732	460-85952	09/15/2011 13:46	1	TAL EDI	CBB
P:3546	460-30837-F-10-A		460-86242	460-85887	09/13/2011 10:30	1	TAL EDI	hp
A:NJ-OQA-QAM-025	460-30837-F-10-A		460-86242	460-85887	09/15/2011 20:35	1	TAL EDI	CBB
A:Moisture	460-30837-F-10		460-85914		09/13/2011 13:58	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-30837-A-10-A		460-87538		09/28/2011 10:11	1	TAL EDI	MB

Lab ID: 460-30837-10 MS **Client ID: PMP-22-WT-S (7.0-8.5)**

Sample Date/Time: 09/08/2011 17:35 Received Date/Time: 09/09/2011 14:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 4500 Cl- E	460-30837-A-10-A MS		460-87538		09/28/2011 10:14	1	TAL EDI	MB

Lab ID: 460-30837-10 MSD **Client ID: PMP-22-WT-S (7.0-8.5)**

Sample Date/Time: 09/08/2011 17:35 Received Date/Time: 09/09/2011 14:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 4500 Cl- E	460-30837-A-10-A MSD		460-87538		09/28/2011 10:14	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-30837-1

Laboratory Chronicle

Lab ID: 460-30837-11 **Client ID: PMP-23-VS-S (1-3)**

Sample Date/Time: 09/08/2011 17:40 Received Date/Time: 09/09/2011 14:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-30837-E-11-A		460-86004	460-85680	09/10/2011 09:20	1	TAL EDI	SD
A:8260B	460-30837-E-11-A		460-86004	460-85680	09/14/2011 12:32	1	TAL EDI	AT
P:3541	460-30837-F-11-C		460-86513	460-86273	09/16/2011 07:35	1	TAL EDI	ARA
A:8270C	460-30837-F-11-C		460-86513	460-86273	09/17/2011 10:58	1	TAL EDI	AAA
P:3541	460-30837-F-11-B		460-86732	460-85952	09/14/2011 04:57	1	TAL EDI	ARA
A:8082	460-30837-F-11-B		460-86732	460-85952	09/15/2011 14:02	1	TAL EDI	CBB
P:3546	460-30837-F-11-A		460-86242	460-85887	09/13/2011 10:30	1	TAL EDI	hp
A:NJ-OQA-QAM-025	460-30837-F-11-A		460-86242	460-85887	09/15/2011 20:50	1	TAL EDI	CBB
A:Moisture	460-30837-F-11		460-85914		09/13/2011 13:58	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-30837-A-11-A		460-87538		09/28/2011 10:11	1	TAL EDI	MB

Lab ID: 460-30837-12 **Client ID: PMP-23-WT-S (6.5-8.5)**

Sample Date/Time: 09/08/2011 17:50 Received Date/Time: 09/09/2011 14:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-30837-E-12-A		460-86004	460-85680	09/10/2011 09:20	1	TAL EDI	SD
A:8260B	460-30837-E-12-A		460-86004	460-85680	09/14/2011 12:56	1	TAL EDI	AT
P:3541	460-30837-F-12-C		460-86513	460-86273	09/16/2011 07:35	1	TAL EDI	ARA
A:8270C	460-30837-F-12-C		460-86513	460-86273	09/17/2011 11:23	1	TAL EDI	AAA
P:3541	460-30837-F-12-B		460-86732	460-85952	09/14/2011 04:57	1	TAL EDI	ARA
A:8082	460-30837-F-12-B		460-86732	460-85952	09/15/2011 14:18	1	TAL EDI	CBB
P:3546	460-30837-F-12-A		460-86242	460-85887	09/13/2011 10:30	1	TAL EDI	hp
A:NJ-OQA-QAM-025	460-30837-F-12-A		460-86242	460-85887	09/15/2011 21:05	1	TAL EDI	CBB
A:Moisture	460-30837-F-12		460-85914		09/13/2011 13:58	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-30837-A-12-A		460-87538		09/28/2011 10:11	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-30837-1

Laboratory Chronicle

Lab ID: 460-30837-13 **Client ID: PMP-23-VD-S (3.5-5.0)**

Sample Date/Time: 09/08/2011 17:45 Received Date/Time: 09/09/2011 14:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-30837-E-13-A		460-86004	460-85680	09/10/2011 09:21	1	TAL EDI	SD
A:8260B	460-30837-E-13-A		460-86004	460-85680	09/14/2011 13:20	1	TAL EDI	AT
P:3541	460-30837-F-13-C		460-86513	460-86273	09/16/2011 07:35	1	TAL EDI	ARA
A:8270C	460-30837-F-13-C		460-86513	460-86273	09/17/2011 11:49	1	TAL EDI	AAA
P:3541	460-30837-F-13-B		460-86732	460-85952	09/14/2011 04:57	1	TAL EDI	ARA
A:8082	460-30837-F-13-B		460-86732	460-85952	09/15/2011 14:33	1	TAL EDI	CBB
P:3546	460-30837-F-13-A		460-86370	460-85887	09/13/2011 10:30	1	TAL EDI	hp
A:NJ-OQA-QAM-025	460-30837-F-13-A		460-86370	460-85887	09/16/2011 06:18	1	TAL EDI	DN
A:Moisture	460-30837-F-13		460-85914		09/13/2011 13:58	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-30837-A-13-A		460-87538		09/28/2011 10:11	1	TAL EDI	MB

Lab ID: 460-30837-14 **Client ID: PMP-12-VS-S (0.5-1.0)**

Sample Date/Time: 09/09/2011 09:05 Received Date/Time: 09/09/2011 14:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-30837-D-14-A		460-86290	460-85680	09/10/2011 09:21	1	TAL EDI	SD
A:8260B	460-30837-D-14-A		460-86290	460-85680	09/15/2011 23:53	1	TAL EDI	AT
P:3541	460-30837-F-14-C		460-86807	460-86534	09/19/2011 12:00	1	TAL EDI	cm
A:8270C	460-30837-F-14-C		460-86807	460-86534	09/21/2011 10:20	1	TAL EDI	MC
P:3541	460-30837-F-14-B		460-86732	460-85952	09/14/2011 04:57	1	TAL EDI	ARA
A:8082	460-30837-F-14-B		460-86732	460-85952	09/15/2011 14:49	1	TAL EDI	CBB
P:3546	460-30837-F-14-A		460-86370	460-85887	09/13/2011 10:30	1	TAL EDI	hp
A:NJ-OQA-QAM-025	460-30837-F-14-A		460-86370	460-85887	09/16/2011 06:31	1	TAL EDI	DN
A:Moisture	460-30837-F-14		460-85914		09/13/2011 13:58	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-30837-A-14-A		460-87538		09/28/2011 10:11	1	TAL EDI	MB

Lab ID: 460-30837-14 DU **Client ID: PMP-12-VS-S (0.5-1.0)**

Sample Date/Time: 09/09/2011 09:05 Received Date/Time: 09/09/2011 14:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	460-30837-F-14 DU		460-85914		09/13/2011 13:58	1	TAL EDI	CHA

Client: Antea USA, Inc. Job Number: 460-30837-1

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Lab ID: 460-30837-15 **Client ID: PMP-12-VD-S (2.5-3.0)**

Sample Date/Time: 09/09/2011 09:10 Received Date/Time: 09/09/2011 14:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-30837-D-15-A		460-86290	460-85680	09/10/2011 09:22	1	TAL EDI	SD
A:8260B	460-30837-D-15-A		460-86290	460-85680	09/16/2011 00:17	1	TAL EDI	AT
P:3541	460-30837-F-15-C		460-86807	460-86534	09/19/2011 12:00	1	TAL EDI	cm
A:8270C	460-30837-F-15-C		460-86807	460-86534	09/21/2011 03:15	1	TAL EDI	MC
P:3541	460-30837-F-15-B		460-86732	460-85952	09/14/2011 04:57	1	TAL EDI	ARA
A:8082	460-30837-F-15-B		460-86732	460-85952	09/15/2011 15:05	1	TAL EDI	CBB
P:3546	460-30837-F-15-A		460-86370	460-85887	09/13/2011 10:30	1	TAL EDI	hp
A:NJ-OQA-QAM-025	460-30837-F-15-A		460-86370	460-85887	09/16/2011 06:45	1	TAL EDI	DN
A:Moisture	460-30837-F-15		460-85914		09/13/2011 13:58	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-30837-A-15-A		460-87538		09/28/2011 10:11	1	TAL EDI	MB

Lab ID: 460-30837-16 **Client ID: PMP-12-WT-S (7.0-7.5)**

Sample Date/Time: 09/09/2011 09:15 Received Date/Time: 09/09/2011 14:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-30837-E-16-A		460-86004	460-85680	09/10/2011 09:22	1	TAL EDI	SD
A:8260B	460-30837-E-16-A		460-86004	460-85680	09/14/2011 14:08	1	TAL EDI	AT
P:3541	460-30837-F-16-C		460-86807	460-86534	09/19/2011 12:00	1	TAL EDI	cm
A:8270C	460-30837-F-16-C		460-86807	460-86534	09/21/2011 03:34	1	TAL EDI	MC
P:3541	460-30837-F-16-B		460-86732	460-85952	09/14/2011 04:57	1	TAL EDI	ARA
A:8082	460-30837-F-16-B		460-86732	460-85952	09/15/2011 15:20	1	TAL EDI	CBB
P:3546	460-30837-F-16-A		460-86370	460-85887	09/13/2011 10:30	1	TAL EDI	hp
A:NJ-OQA-QAM-025	460-30837-F-16-A		460-86370	460-85887	09/16/2011 07:00	1	TAL EDI	DN
A:Moisture	460-30837-F-16		460-85914		09/13/2011 13:58	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-30837-A-16-A		460-87538		09/28/2011 10:11	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-30837-1

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Lab ID: 460-30837-17 **Client ID: Dup_090811**

Sample Date/Time: 09/09/2011 00:00 Received Date/Time: 09/09/2011 14:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-30837-E-17-A		460-86004	460-85680	09/10/2011 09:23	1	TAL EDI	SD
A:8260B	460-30837-E-17-A		460-86004	460-85680	09/14/2011 14:32	1	TAL EDI	AT
P:3541	460-30837-F-17-C		460-86827	460-86659	09/20/2011 13:00	1	TAL EDI	cm
A:8270C	460-30837-F-17-C		460-86827	460-86659	09/21/2011 04:43	1	TAL EDI	MS
P:3541	460-30837-F-17-B		460-86735	460-85952	09/14/2011 04:57	1	TAL EDI	ARA
A:8082	460-30837-F-17-B		460-86735	460-85952	09/15/2011 16:39	1	TAL EDI	CBB
P:3546	460-30837-F-17-A		460-86370	460-85887	09/13/2011 10:30	1	TAL EDI	hp
A:NJ-OQA-QAM-025	460-30837-F-17-A		460-86370	460-85887	09/16/2011 08:49	1	TAL EDI	DN
A:Moisture	460-30837-F-17		460-85914		09/13/2011 13:58	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-30837-A-17-A		460-87538		09/28/2011 10:14	1	TAL EDI	MB

Lab ID: 460-30837-18 **Client ID: PMP-25-VS-S (1-3)**

Sample Date/Time: 09/09/2011 09:35 Received Date/Time: 09/09/2011 14:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-30837-E-18-A		460-86004	460-85680	09/10/2011 09:23	1	TAL EDI	SD
A:8260B	460-30837-E-18-A		460-86004	460-85680	09/14/2011 14:56	1	TAL EDI	AT
P:3541	460-30837-F-18-B		460-86039	460-85882	09/13/2011 10:15	1	TAL EDI	cm
A:8270C	460-30837-F-18-B		460-86039	460-85882	09/14/2011 04:27	1	TAL EDI	AAA
P:3541	460-30837-F-18-C		460-86735	460-85952	09/14/2011 04:57	1	TAL EDI	ARA
A:8082	460-30837-F-18-C		460-86735	460-85952	09/15/2011 16:55	1	TAL EDI	CBB
P:3546	460-30837-F-18-A		460-86370	460-85887	09/13/2011 10:30	1	TAL EDI	hp
A:NJ-OQA-QAM-025	460-30837-F-18-A		460-86370	460-85887	09/16/2011 09:03	1	TAL EDI	DN
A:Moisture	460-30837-A-18		460-85914		09/13/2011 13:58	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-30837-A-18-A		460-87538		09/28/2011 10:14	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-30837-1

Laboratory Chronicle

Lab ID: 460-30837-19 **Client ID: PMP-25-VD-S (3-5)**

Sample Date/Time: 09/09/2011 09:40 Received Date/Time: 09/09/2011 14:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-30837-D-19-A		460-86290	460-85680	09/10/2011 09:24	1	TAL EDI	SD
A:8260B	460-30837-D-19-A		460-86290	460-85680	09/16/2011 00:41	1	TAL EDI	AT
P:3541	460-30837-F-19-B		460-86039	460-85882	09/13/2011 10:15	1	TAL EDI	cm
A:8270C	460-30837-F-19-B		460-86039	460-85882	09/14/2011 04:48	1	TAL EDI	AAA
P:3541	460-30837-F-19-C		460-86735	460-85952	09/14/2011 04:57	1	TAL EDI	ARA
A:8082	460-30837-F-19-C		460-86735	460-85952	09/15/2011 17:11	1	TAL EDI	CBB
P:3546	460-30837-F-19-A		460-86370	460-85887	09/13/2011 10:30	1	TAL EDI	hp
A:NJ-OQA-QAM-025	460-30837-F-19-A		460-86370	460-85887	09/16/2011 09:18	1	TAL EDI	DN
A:Moisture	460-30837-A-19		460-85914		09/13/2011 13:58	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-30837-A-19-A		460-87571		09/28/2011 12:11	1	TAL EDI	MB

Lab ID: 460-30837-20 **Client ID: PMP-25-WT-S (7.5-9.5)**

Sample Date/Time: 09/09/2011 09:45 Received Date/Time: 09/09/2011 14:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-30837-D-20-A		460-86290	460-85680	09/10/2011 09:24	1	TAL EDI	SD
A:8260B	460-30837-D-20-A		460-86290	460-85680	09/16/2011 01:04	1	TAL EDI	AT
P:3541	460-30837-F-20-B		460-86198	460-85882	09/13/2011 10:15	1	TAL EDI	cm
A:8270C	460-30837-F-20-B		460-86198	460-85882	09/15/2011 14:51	1	TAL EDI	MS
P:3541	460-30837-F-20-C		460-86735	460-85952	09/14/2011 04:57	1	TAL EDI	ARA
A:8082	460-30837-F-20-C		460-86735	460-85952	09/15/2011 17:27	1	TAL EDI	CBB
P:3546	460-30837-F-20-A		460-86370	460-85887	09/13/2011 10:30	1	TAL EDI	hp
A:NJ-OQA-QAM-025	460-30837-F-20-A		460-86370	460-85887	09/16/2011 09:27	1	TAL EDI	DN
A:Moisture	460-30837-A-20		460-85914		09/13/2011 13:58	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-30837-A-20-A		460-87571		09/28/2011 12:11	1	TAL EDI	MB

Lab ID: 460-30837-20 MS **Client ID: PMP-25-WT-S (7.5-9.5)**

Sample Date/Time: 09/09/2011 09:45 Received Date/Time: 09/09/2011 14:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 4500 Cl- E	460-30837-A-20-A MS		460-87571		09/28/2011 12:14	1	TAL EDI	MB

Lab ID: 460-30837-20 MSD **Client ID: PMP-25-WT-S (7.5-9.5)**

Sample Date/Time: 09/09/2011 09:45 Received Date/Time: 09/09/2011 14:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 4500 Cl- E	460-30837-A-20-A MSD		460-87571		09/28/2011 12:14	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-30837-1

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Lab ID: 460-30837-21 **Client ID: PMP-14-VS-S (0.5-1.0)**

Sample Date/Time: 09/09/2011 10:00 Received Date/Time: 09/09/2011 14:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-30837-D-21-A		460-86290	460-85680	09/10/2011 09:25	1	TAL EDI	SD
A:8260B	460-30837-D-21-A		460-86290	460-85680	09/16/2011 01:28	1	TAL EDI	AT
P:3541	460-30837-F-21-E		460-86807	460-86534	09/19/2011 12:00	1	TAL EDI	cm
A:8270C	460-30837-F-21-E		460-86807	460-86534	09/21/2011 10:39	1	TAL EDI	MC
P:3541	460-30837-F-21-D		460-86921	460-85953	09/14/2011 05:06	5	TAL EDI	ARA
A:8082	460-30837-F-21-D		460-86921	460-85953	09/21/2011 14:18	5	TAL EDI	SK
P:3546	460-30837-F-21-A		460-86454	460-85949	09/13/2011 21:17	1	TAL EDI	JS
A:NJ-OQA-QAM-025	460-30837-F-21-A		460-86454	460-85949	09/16/2011 17:44	1	TAL EDI	CBB
A:Moisture	460-30837-F-21		460-85914		09/13/2011 13:58	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-30837-A-21-A		460-87551		09/28/2011 11:02	1	TAL EDI	MB

Lab ID: 460-30837-21 MS **Client ID: PMP-14-VS-S (0.5-1.0)**

Sample Date/Time: 09/09/2011 10:00 Received Date/Time: 09/09/2011 14:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-30837-F-21-B MS		460-86921	460-85953	09/14/2011 05:06	5	TAL EDI	ARA
A:8082	460-30837-F-21-B MS		460-86921	460-85953	09/21/2011 13:45	5	TAL EDI	SK

Lab ID: 460-30837-21 MSD **Client ID: PMP-14-VS-S (0.5-1.0)**

Sample Date/Time: 09/09/2011 10:00 Received Date/Time: 09/09/2011 14:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-30837-F-21-C MSD		460-86921	460-85953	09/14/2011 05:06	5	TAL EDI	ARA
A:8082	460-30837-F-21-C MSD		460-86921	460-85953	09/21/2011 14:01	5	TAL EDI	SK

Client: Antea USA, Inc. Job Number: 460-30837-1

Laboratory Chronicle

Lab ID: 460-30837-22 **Client ID: PMP-14-VD-S (2.5-3.0)**

Sample Date/Time: 09/09/2011 10:05 Received Date/Time: 09/09/2011 14:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-30837-D-22-A		460-86290	460-85680	09/10/2011 09:25	1	TAL EDI	SD
A:8260B	460-30837-D-22-A		460-86290	460-85680	09/16/2011 01:52	1	TAL EDI	AT
P:3541	460-30837-F-22-C		460-86807	460-86534	09/19/2011 12:00	1	TAL EDI	cm
A:8270C	460-30837-F-22-C		460-86807	460-86534	09/21/2011 09:22	1	TAL EDI	MC
P:3541	460-30837-F-22-B		460-86753	460-85953	09/14/2011 05:06	1	TAL EDI	ARA
A:8082	460-30837-F-22-B		460-86753	460-85953	09/16/2011 16:22	1	TAL EDI	SK
P:3546	460-30837-F-22-A		460-86454	460-85949	09/13/2011 21:17	1	TAL EDI	JS
A:NJ-OQA-QAM-025	460-30837-F-22-A		460-86454	460-85949	09/16/2011 17:53	1	TAL EDI	CBB
A:Moisture	460-30837-F-22		460-85914		09/13/2011 13:58	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-30837-A-22-A		460-87551		09/28/2011 11:02	1	TAL EDI	MB

Lab ID: 460-30837-22 MS **Client ID: PMP-14-VD-S (2.5-3.0)**

Sample Date/Time: 09/09/2011 10:05 Received Date/Time: 09/09/2011 14:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 4500 Cl- E	460-30837-A-22-A MS		460-87551		09/28/2011 11:06	1	TAL EDI	MB

Lab ID: 460-30837-22 MSD **Client ID: PMP-14-VD-S (2.5-3.0)**

Sample Date/Time: 09/09/2011 10:05 Received Date/Time: 09/09/2011 14:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 4500 Cl- E	460-30837-A-22-A MSD		460-87551		09/28/2011 11:06	1	TAL EDI	MB

Lab ID: 460-30837-23 **Client ID: PMP-14-WT-S (7.0-7.5)**

Sample Date/Time: 09/09/2011 10:10 Received Date/Time: 09/09/2011 14:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-30837-D-23-A		460-86290	460-85680	09/10/2011 09:26	1	TAL EDI	SD
A:8260B	460-30837-D-23-A		460-86290	460-85680	09/16/2011 02:16	1	TAL EDI	AT
P:3541	460-30837-F-23-C		460-86807	460-86534	09/19/2011 12:00	1	TAL EDI	cm
A:8270C	460-30837-F-23-C		460-86807	460-86534	09/21/2011 09:41	1	TAL EDI	MC
P:3541	460-30837-F-23-B		460-86753	460-85953	09/14/2011 05:06	1	TAL EDI	ARA
A:8082	460-30837-F-23-B		460-86753	460-85953	09/16/2011 16:38	1	TAL EDI	SK
P:3546	460-30837-F-23-A		460-86454	460-85949	09/13/2011 21:17	1	TAL EDI	JS
A:NJ-OQA-QAM-025	460-30837-F-23-A		460-86454	460-85949	09/16/2011 18:08	1	TAL EDI	CBB
A:Moisture	460-30837-F-23		460-85914		09/13/2011 13:58	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-30837-A-23-A		460-87551		09/28/2011 11:02	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-30837-1

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Lab ID: 460-30837-24 **Client ID: PMP-8-VS-S (0.5-1.0)**

Sample Date/Time: 09/09/2011 10:15 Received Date/Time: 09/09/2011 14:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-30837-D-24-A		460-86290	460-85680	09/10/2011 09:26	1	TAL EDI	SD
A:8260B	460-30837-D-24-A		460-86290	460-85680	09/16/2011 02:40	1	TAL EDI	AT
P:3541	460-30837-F-24-C		460-86807	460-86534	09/19/2011 12:00	1	TAL EDI	cm
A:8270C	460-30837-F-24-C		460-86807	460-86534	09/21/2011 10:58	1	TAL EDI	MC
P:3541	460-30837-F-24-B		460-86921	460-85953	09/14/2011 05:06	20	TAL EDI	ARA
A:8082	460-30837-F-24-B		460-86921	460-85953	09/21/2011 14:51	20	TAL EDI	SK
P:3546	460-30837-F-24-A		460-86454	460-85949	09/13/2011 21:17	10	TAL EDI	JS
A:NJ-OQA-QAM-025	460-30837-F-24-A		460-86454	460-85949	09/16/2011 18:23	10	TAL EDI	CBB
A:Moisture	460-30837-F-24		460-85914		09/13/2011 13:58	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-30837-A-24-A		460-87551		09/28/2011 11:03	1	TAL EDI	MB

Lab ID: 460-30837-25 **Client ID: PMP-8-VD-S (2.5-3.0)**

Sample Date/Time: 09/09/2011 10:20 Received Date/Time: 09/09/2011 14:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-30837-D-25-A		460-86290	460-85680	09/10/2011 09:27	1	TAL EDI	SD
A:8260B	460-30837-D-25-A		460-86290	460-85680	09/16/2011 03:04	1	TAL EDI	AT
P:3541	460-30837-F-25-C		460-86811	460-86534	09/19/2011 12:00	1	TAL EDI	cm
A:8270C	460-30837-F-25-C		460-86811	460-86534	09/21/2011 13:13	1	TAL EDI	MC
P:3541	460-30837-F-25-B		460-86753	460-85953	09/14/2011 05:06	1	TAL EDI	ARA
A:8082	460-30837-F-25-B		460-86753	460-85953	09/16/2011 17:11	1	TAL EDI	SK
P:3546	460-30837-F-25-A		460-86454	460-85949	09/13/2011 21:17	1	TAL EDI	JS
A:NJ-OQA-QAM-025	460-30837-F-25-A		460-86454	460-85949	09/16/2011 18:33	1	TAL EDI	CBB
A:Moisture	460-30837-F-25		460-85914		09/13/2011 14:38	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-30837-A-25-A		460-87551		09/28/2011 11:03	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-30837-1

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Lab ID: 460-30837-26 **Client ID: PMP-8-WT-S (7.0-7.5)**

Sample Date/Time: 09/09/2011 10:25 Received Date/Time: 09/09/2011 14:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-30837-D-26-A		460-86290	460-85680	09/10/2011 09:27	1	TAL EDI	SD
A:8260B	460-30837-D-26-A		460-86290	460-85680	09/16/2011 03:28	1	TAL EDI	AT
P:3541	460-30837-F-26-C		460-86807	460-86534	09/19/2011 12:00	1	TAL EDI	cm
A:8270C	460-30837-F-26-C		460-86807	460-86534	09/21/2011 04:13	1	TAL EDI	MC
P:3541	460-30837-F-26-B		460-86753	460-85953	09/14/2011 05:06	1	TAL EDI	ARA
A:8082	460-30837-F-26-B		460-86753	460-85953	09/16/2011 17:28	1	TAL EDI	SK
P:3546	460-30837-F-26-A		460-86454	460-85949	09/13/2011 21:17	1	TAL EDI	JS
A:NJ-OQA-QAM-025	460-30837-F-26-A		460-86454	460-85949	09/16/2011 18:47	1	TAL EDI	CBB
A:Moisture	460-30837-F-26		460-85914		09/13/2011 14:38	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-30837-A-26-A		460-87551		09/28/2011 11:03	1	TAL EDI	MB

Lab ID: 460-30837-27 **Client ID: PMP-4-VS-S (0.5-1.0)**

Sample Date/Time: 09/09/2011 10:30 Received Date/Time: 09/09/2011 14:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-30837-D-27-A		460-86306	460-85680	09/10/2011 09:28	1	TAL EDI	SD
A:8260B	460-30837-D-27-A		460-86306	460-85680	09/16/2011 11:34	1	TAL EDI	AT
P:3541	460-30837-F-27-C		460-86811	460-86534	09/19/2011 12:00	2	TAL EDI	cm
A:8270C	460-30837-F-27-C		460-86811	460-86534	09/21/2011 13:37	2	TAL EDI	MC
P:3541	460-30837-F-27-B		460-86921	460-85953	09/14/2011 05:06	200	TAL EDI	ARA
A:8082	460-30837-F-27-B		460-86921	460-85953	09/21/2011 15:26	200	TAL EDI	SK
P:3546	460-30837-F-27-A		460-86454	460-85949	09/13/2011 21:17	100	TAL EDI	JS
A:NJ-OQA-QAM-025	460-30837-F-27-A		460-86454	460-85949	09/16/2011 19:02	100	TAL EDI	CBB
A:Moisture	460-30837-A-27		460-85914		09/13/2011 14:38	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-30837-A-27-A		460-87551		09/28/2011 11:03	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-30837-1

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Lab ID: 460-30837-28 **Client ID: PMP-4-VD-S (2.5-3.0)**

Sample Date/Time: 09/09/2011 10:35 Received Date/Time: 09/09/2011 14:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-30837-E-28-A		460-86306	460-85680	09/10/2011 09:28	1	TAL EDI	SD
A:8260B	460-30837-E-28-A		460-86306	460-85680	09/16/2011 13:10	1	TAL EDI	AT
P:3541	460-30837-F-28-E		460-86807	460-86534	09/19/2011 12:00	1	TAL EDI	cm
A:8270C	460-30837-F-28-E		460-86807	460-86534	09/21/2011 04:32	1	TAL EDI	MC
P:3541	460-30837-F-28-B		460-86753	460-85953	09/14/2011 05:06	1	TAL EDI	ARA
A:8082	460-30837-F-28-B		460-86753	460-85953	09/16/2011 18:01	1	TAL EDI	SK
P:3546	460-30837-F-28-A		460-86454	460-85949	09/13/2011 21:17	1	TAL EDI	JS
A:NJ-OQA-QAM-025	460-30837-F-28-A		460-86454	460-85949	09/16/2011 19:12	1	TAL EDI	CBB
A:Moisture	460-30837-A-28		460-85914		09/13/2011 14:38	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-30837-A-28-A		460-87551		09/28/2011 11:06	1	TAL EDI	MB

Lab ID: 460-30837-28 MS **Client ID: PMP-4-VD-S (2.5-3.0)**

Sample Date/Time: 09/09/2011 10:35 Received Date/Time: 09/09/2011 14:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-30837-F-28-C MS		460-86807	460-86534	09/19/2011 12:00	1	TAL EDI	cm
A:8270C	460-30837-F-28-C MS		460-86807	460-86534	09/21/2011 09:03	1	TAL EDI	MC

Lab ID: 460-30837-28 MSD **Client ID: PMP-4-VD-S (2.5-3.0)**

Sample Date/Time: 09/09/2011 10:35 Received Date/Time: 09/09/2011 14:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-30837-F-28-D MSD		460-86807	460-86534	09/19/2011 12:00	1	TAL EDI	cm
A:8270C	460-30837-F-28-D MSD		460-86807	460-86534	09/21/2011 08:02	1	TAL EDI	MC

Client: Antea USA, Inc. Job Number: 460-30837-1

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Lab ID: 460-30837-29 **Client ID: PMP-4-WT-S (7.0-7.5)**

Sample Date/Time: 09/09/2011 10:40 Received Date/Time: 09/09/2011 14:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-30837-E-29-A		460-86306	460-85680	09/10/2011 09:29	1	TAL EDI	SD
A:8260B	460-30837-E-29-A		460-86306	460-85680	09/16/2011 13:34	1	TAL EDI	AT
P:3541	460-30837-F-29-E		460-86807	460-86534	09/19/2011 12:00	1	TAL EDI	cm
A:8270C	460-30837-F-29-E		460-86807	460-86534	09/21/2011 04:51	1	TAL EDI	MC
P:3541	460-30837-F-29-D		460-86753	460-85953	09/14/2011 05:06	1	TAL EDI	ARA
A:8082	460-30837-F-29-D		460-86753	460-85953	09/16/2011 18:18	1	TAL EDI	SK
P:3546	460-30837-F-29-C		460-86238	460-85949	09/13/2011 21:17	1	TAL EDI	JS
A:NJ-OQA-QAM-025	460-30837-F-29-C		460-86238	460-85949	09/15/2011 04:34	1	TAL EDI	CBB
A:Moisture	460-30837-F-29		460-85914		09/13/2011 14:38	1	TAL EDI	CHA
A:SM 4500 Cl- E	460-30837-A-29-A		460-87551		09/28/2011 11:06	1	TAL EDI	MB

Lab ID: 460-30837-29 MS **Client ID: PMP-4-WT-S (7.0-7.5)**

Sample Date/Time: 09/09/2011 10:40 Received Date/Time: 09/09/2011 14:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-30837-F-29-A MS		460-86238	460-85949	09/13/2011 21:17	1	TAL EDI	JS
A:NJ-OQA-QAM-025	460-30837-F-29-A MS		460-86238	460-85949	09/15/2011 04:11	1	TAL EDI	CBB

Lab ID: 460-30837-29 MSD **Client ID: PMP-4-WT-S (7.0-7.5)**

Sample Date/Time: 09/09/2011 10:40 Received Date/Time: 09/09/2011 14:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-30837-F-29-B MSD		460-86238	460-85949	09/13/2011 21:17	1	TAL EDI	JS
A:NJ-OQA-QAM-025	460-30837-F-29-B MSD		460-86238	460-85949	09/15/2011 04:25	1	TAL EDI	CBB

Client: Antea USA, Inc. Job Number: 460-30837-1

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Lab ID: 460-30837-30 **Client ID: FB_090811**

Sample Date/Time: 09/08/2011 14:00 Received Date/Time: 09/09/2011 14:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-30837-B-30		460-85734		09/12/2011 14:11	1	TAL EDI	CJM
A:8260B	460-30837-B-30		460-85734		09/12/2011 14:11	1	TAL EDI	CJM
P:3510C	460-30837-E-30-A		460-86052	460-85863	09/13/2011 07:53	1	TAL EDI	MC
A:8270C	460-30837-E-30-A		460-86052	460-85863	09/14/2011 08:25	1	TAL EDI	MC
P:3510C	460-30837-D-30-A		460-85904	460-85730	09/12/2011 08:23	1	TAL EDI	HW
A:8082	460-30837-D-30-A		460-85904	460-85730	09/13/2011 03:13	1	TAL EDI	SK
P:3510C	460-30837-I-30-A		460-86370	460-85857	09/13/2011 07:31	1	TAL EDI	MC
A:NJ-OQA-QAM-025	460-30837-I-30-A		460-86370	460-85857	09/16/2011 10:26	1	TAL EDI	DN
A:SM 4500 Cl- B	460-30837-C-30		460-85926		09/13/2011 15:00	1	TAL EDI	HV

Lab ID: 460-30837-31 **Client ID: FB_090911**

Sample Date/Time: 09/09/2011 07:45 Received Date/Time: 09/09/2011 14:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-30837-B-31		460-85734		09/12/2011 14:30	1	TAL EDI	CJM
A:8260B	460-30837-B-31		460-85734		09/12/2011 14:30	1	TAL EDI	CJM
P:3510C	460-30837-E-31-A		460-86052	460-85863	09/13/2011 07:53	1	TAL EDI	MC
A:8270C	460-30837-E-31-A		460-86052	460-85863	09/14/2011 08:50	1	TAL EDI	MC
P:3510C	460-30837-F-31-A		460-85904	460-85730	09/12/2011 08:23	1	TAL EDI	HW
A:8082	460-30837-F-31-A		460-85904	460-85730	09/13/2011 03:29	1	TAL EDI	SK
P:3510C	460-30837-I-31-A		460-86370	460-85857	09/13/2011 07:31	1	TAL EDI	MC
A:NJ-OQA-QAM-025	460-30837-I-31-A		460-86370	460-85857	09/16/2011 11:46	1	TAL EDI	DN
A:SM 4500 Cl- B	460-30837-C-31		460-85926		09/13/2011 15:00	1	TAL EDI	HV

Lab ID: 460-30837-32 **Client ID: TB_090911**

Sample Date/Time: 09/09/2011 00:00 Received Date/Time: 09/09/2011 14:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-30837-A-32-A		460-86306	460-85680	09/10/2011 09:29	1	TAL EDI	SD
A:8260B	460-30837-A-32-A		460-86306	460-85680	09/16/2011 12:46	1	TAL EDI	AT

Client: Antea USA, Inc. Job Number: 460-30837-1

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
P:5030B	MB 460-85734/4		460-85734		09/12/2011 08:28	1	TAL EDI	CJM
A:8260B	MB 460-85734/4		460-85734		09/12/2011 08:28	1	TAL EDI	CJM
A:8260B	MB 460-86004/5		460-86004		09/14/2011 06:51	1	TAL EDI	AT
A:8260B	MB 460-86112/4		460-86112		09/15/2011 06:47	50	TAL EDI	AT
A:8260B	MB 460-86290/5		460-86290		09/15/2011 21:07	1	TAL EDI	AT
A:8260B	MB 460-86306/5		460-86306		09/16/2011 08:21	1	TAL EDI	AT
A:8260B	MB 460-86784/5		460-86784		09/21/2011 07:02	1	TAL EDI	AT
P:3541	MB 460-85882/1-A		460-86039	460-85882	09/13/2011 10:15	1	TAL EDI	cm
A:8270C	MB 460-85882/1-A		460-86039	460-85882	09/14/2011 03:00	1	TAL EDI	AAA
P:3510C	MB 460-85863/1-A		460-86052	460-85863	09/13/2011 07:53	1	TAL EDI	MC
A:8270C	MB 460-85863/1-A		460-86052	460-85863	09/14/2011 06:20	1	TAL EDI	MC
P:3541	MB 460-86273/1-A		460-86513	460-86273	09/16/2011 07:35	1	TAL EDI	ARA
A:8270C	MB 460-86273/1-A		460-86513	460-86273	09/17/2011 07:57	1	TAL EDI	AAA
P:3541	MB 460-86659/1-A		460-86827	460-86659	09/20/2011 13:00	1	TAL EDI	cm
A:8270C	MB 460-86659/1-A		460-86827	460-86659	09/21/2011 01:48	1	TAL EDI	MS
P:3541	MB 460-86534/1-A		460-86807	460-86534	09/19/2011 12:00	1	TAL EDI	cm
A:8270C	MB 460-86534/1-A		460-86807	460-86534	09/21/2011 02:11	1	TAL EDI	MC
P:3510C	MB 460-85730/1-A		460-85904	460-85730	09/12/2011 08:23	1	TAL EDI	HW
A:8082	MB 460-85730/1-A		460-85904	460-85730	09/13/2011 01:36	1	TAL EDI	SK
P:3541	MB 460-85952/1-A		460-86732	460-85952	09/14/2011 04:57	1	TAL EDI	ARA
A:8082	MB 460-85952/1-A		460-86732	460-85952	09/15/2011 10:21	1	TAL EDI	CBB
P:3541	MB 460-85953/1-A		460-86753	460-85953	09/14/2011 05:06	1	TAL EDI	ARA
A:8082	MB 460-85953/1-A		460-86753	460-85953	09/16/2011 14:59	1	TAL EDI	SK
P:3546	MB 460-85887/1-A		460-86248	460-85887	09/13/2011 10:30	1	TAL EDI	hp
A:NJ-OQA-QAM-025	MB 460-85887/1-A		460-86248	460-85887	09/14/2011 04:33	1	TAL EDI	CBB
P:3546	MB 460-85949/1-A		460-86238	460-85949	09/13/2011 21:17	1	TAL EDI	JS
A:NJ-OQA-QAM-025	MB 460-85949/1-A		460-86238	460-85949	09/15/2011 03:56	1	TAL EDI	CBB
P:3510C	MB 460-85857/1-A		460-86259	460-85857	09/13/2011 07:31	1	TAL EDI	MC
A:NJ-OQA-QAM-025	MB 460-85857/1-A		460-86259	460-85857	09/16/2011 03:27	1	TAL EDI	CBB
A:SM 4500 Cl- B	MB 460-85926/1		460-85926		09/13/2011 15:00	1	TAL EDI	HV
A:SM 4500 Cl- E	MB 460-87534/5		460-87534		09/28/2011 09:30	1	TAL EDI	MB
A:SM 4500 Cl- E	MB 460-87538/5		460-87538		09/28/2011 10:11	1	TAL EDI	MB
A:SM 4500 Cl- E	MB 460-87551/5		460-87551		09/28/2011 11:02	1	TAL EDI	MB
A:SM 4500 Cl- E	MB 460-87571/5		460-87571		09/28/2011 12:11	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-30837-1

Laboratory Chronicle

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 460-87310/1-A		460-87534		09/28/2011 09:30	1	TAL EDI	MB
A:SM 4500 Cl- E	LB 460-87310/1-A		460-87538		09/28/2011 10:11	1	TAL EDI	MB
A:SM 4500 Cl- E	LB 460-87403/1-A		460-87551		09/28/2011 11:02	1	TAL EDI	MB
A:SM 4500 Cl- E	LB 460-87310/1-A		460-87571		09/28/2011 12:11	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-30837-1

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
P:5030B	LCS 460-85734/3		460-85734		09/12/2011 07:13	1	TAL EDI	CJM
A:8260B	LCS 460-85734/3		460-85734		09/12/2011 07:13	1	TAL EDI	CJM
A:8260B	LCS 460-86004/3		460-86004		09/14/2011 04:49	1	TAL EDI	AT
A:8260B	LCS 460-86112/3		460-86112		09/15/2011 05:04	50	TAL EDI	AT
A:8260B	LCS 460-86290/23		460-86290		09/15/2011 19:42	1	TAL EDI	AT
A:8260B	LCS 460-86306/3		460-86306		09/16/2011 06:43	1	TAL EDI	AT
A:8260B	LCS 460-86784/3		460-86784		09/21/2011 05:24	1	TAL EDI	AT
P:3541	LCS 460-85882/2-A		460-86039	460-85882	09/13/2011 10:15	1	TAL EDI	cm
A:8270C	LCS 460-85882/2-A		460-86039	460-85882	09/14/2011 00:24	1	TAL EDI	AAA
P:3510C	LCS 460-85863/2-A		460-86052	460-85863	09/13/2011 07:53	1	TAL EDI	MC
A:8270C	LCS 460-85863/2-A		460-86052	460-85863	09/14/2011 05:30	1	TAL EDI	MC
P:3541	LCS 460-86273/2-A		460-86671	460-86273	09/16/2011 07:35	1	TAL EDI	ARA
A:8270C	LCS 460-86273/2-A		460-86671	460-86273	09/18/2011 03:33	1	TAL EDI	MS
P:3541	LCS 460-86534/2-A		460-86807	460-86534	09/19/2011 12:00	1	TAL EDI	cm
A:8270C	LCS 460-86534/2-A		460-86807	460-86534	09/21/2011 00:43	1	TAL EDI	MC
P:3541	LCS 460-86659/2-A		460-86827	460-86659	09/20/2011 13:00	1	TAL EDI	cm
A:8270C	LCS 460-86659/2-A		460-86827	460-86659	09/21/2011 01:23	1	TAL EDI	MS
P:3510C	LCS 460-85730/2-A		460-85904	460-85730	09/12/2011 08:23	1	TAL EDI	HW
A:8082	LCS 460-85730/2-A		460-85904	460-85730	09/13/2011 01:52	1	TAL EDI	SK
P:3541	LCS 460-85952/2-A		460-86732	460-85952	09/14/2011 04:57	1	TAL EDI	ARA
A:8082	LCS 460-85952/2-A		460-86732	460-85952	09/15/2011 10:37	1	TAL EDI	CBB
P:3541	LCS 460-85953/2-A		460-86753	460-85953	09/14/2011 05:06	1	TAL EDI	ARA
A:8082	LCS 460-85953/2-A		460-86753	460-85953	09/16/2011 15:16	1	TAL EDI	SK
P:3546	LCS 460-85949/2-A		460-86238	460-85949	09/13/2011 21:17	1	TAL EDI	JS
A:NJ-OQA-QAM-025	LCS 460-85949/2-A		460-86238	460-85949	09/15/2011 08:00	1	TAL EDI	CBB
P:3510C	LCS 460-85857/2-A		460-86259	460-85857	09/13/2011 07:31	1	TAL EDI	MC
A:NJ-OQA-QAM-025	LCS 460-85857/2-A		460-86259	460-85857	09/16/2011 03:37	1	TAL EDI	CBB
P:3546	LCS 460-85887/2-A		460-86454	460-85887	09/13/2011 10:30	1	TAL EDI	hp
A:NJ-OQA-QAM-025	LCS 460-85887/2-A		460-86454	460-85887	09/16/2011 16:19	1	TAL EDI	CBB
A:SM 4500 Cl- B	LCS 460-85926/2		460-85926		09/13/2011 15:00	2	TAL EDI	HV
A:SM 4500 Cl- E	LCS 460-87534/6		460-87534		09/28/2011 09:30	1	TAL EDI	MB
A:SM 4500 Cl- E	LCS 460-87538/6		460-87538		09/28/2011 10:11	1	TAL EDI	MB
A:SM 4500 Cl- E	LCS 460-87551/6		460-87551		09/28/2011 11:02	1	TAL EDI	MB
A:SM 4500 Cl- E	LCS 460-87571/6		460-87571		09/28/2011 12:11	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-30837-1

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 460-86004/4		460-86004		09/14/2011 05:52	1	TAL EDI	AT
A:8260B	LCSD 460-86112/16		460-86112		09/15/2011 05:29	50	TAL EDI	AT
A:8260B	LCSD 460-86290/4		460-86290		09/15/2011 20:19	1	TAL EDI	AT
A:8260B	LCSD 460-86306/4		460-86306		09/16/2011 07:08	1	TAL EDI	AT
A:8260B	LCSD 460-86784/4		460-86784		09/21/2011 05:48	1	TAL EDI	AT
P:3510C	LCSD 460-85863/3-A		460-86052	460-85863	09/13/2011 07:53	1	TAL EDI	MC
A:8270C	LCSD 460-85863/3-A		460-86052	460-85863	09/14/2011 05:55	1	TAL EDI	MC
P:3510C	LCSD 460-85730/3-A		460-85904	460-85730	09/12/2011 08:23	1	TAL EDI	HW
A:8082	LCSD 460-85730/3-A		460-85904	460-85730	09/13/2011 02:08	1	TAL EDI	SK
P:3510C	LCSD 460-85857/3-A		460-86259	460-85857	09/13/2011 07:31	1	TAL EDI	MC
A:NJ-OQA-QAM-025	LCSD 460-85857/3-A		460-86259	460-85857	09/16/2011 03:52	1	TAL EDI	CBB

Lab ID: MS **Client ID: N/A**

Sample Date/Time: 09/07/2011 11:55 Received Date/Time: 09/07/2011 19:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-30743-B-7 MS		460-85734		09/12/2011 10:06	1	TAL EDI	CJM
A:8260B	460-30743-B-7 MS		460-85734		09/12/2011 10:06	1	TAL EDI	CJM
P:3541	460-30505-A-4-B MS		460-86039	460-85882	09/13/2011 10:15	1	TAL EDI	cm
A:8270C	460-30505-A-4-B MS		460-86039	460-85882	09/14/2011 06:59	1	TAL EDI	AAA
P:3541	460-31126-B-4-A MS		460-86513	460-86273	09/16/2011 07:35	1	TAL EDI	ARA
A:8270C	460-31126-B-4-A MS		460-86513	460-86273	09/17/2011 08:48	1	TAL EDI	AAA
P:3541	460-30849-D-6-E MS		460-86827	460-86659	09/20/2011 13:00	1	TAL EDI	cm
A:8270C	460-30849-D-6-E MS		460-86827	460-86659	09/21/2011 05:58	1	TAL EDI	MS
A:SM 4500 Cl- B	460-30495-A-1 MS		460-85926		09/13/2011 15:00	1	TAL EDI	HV

Client: Antea USA, Inc. Job Number: 460-30837-1

Laboratory Chronicle

Lab ID: **MSD** **Client ID:** **N/A**

Sample Date/Time: 09/07/2011 11:55 Received Date/Time: 09/07/2011 19:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-30743-B-7 MSD		460-85734		09/12/2011 10:26	1	TAL EDI	CJM
A:8260B	460-30743-B-7 MSD		460-85734		09/12/2011 10:26	1	TAL EDI	CJM
P:3541	460-30505-A-4-C MSD		460-86039	460-85882	09/13/2011 10:15	1	TAL EDI	cm
A:8270C	460-30505-A-4-C MSD		460-86039	460-85882	09/14/2011 07:21	1	TAL EDI	AAA
P:3541	460-31126-C-4-A MSD		460-86513	460-86273	09/16/2011 07:35	1	TAL EDI	ARA
A:8270C	460-31126-C-4-A MSD		460-86513	460-86273	09/17/2011 09:14	1	TAL EDI	AAA
P:3541	460-30849-D-6-F MSD		460-86827	460-86659	09/20/2011 13:00	1	TAL EDI	cm
A:8270C	460-30849-D-6-F MSD		460-86827	460-86659	09/21/2011 06:23	1	TAL EDI	MS
A:SM 4500 Cl- B	460-30495-A-1 MSD		460-85926		09/13/2011 15:00	1	TAL EDI	HV

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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtx-624 ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
PMP-22-VS-S (1.5-2.0)	460-30837-8	106	95	96
PMP-22-VD-S (3.5-5.0)	460-30837-9	109	96	92
PMP-22-WT-S (7.0-8.5)	460-30837-10	105	95	88
PMP-23-VS-S (1-3)	460-30837-11	114	96	98
PMP-23-WT-S (6.5-8.5)	460-30837-12	117	97	95
PMP-23-VD-S (3.5-5.0)	460-30837-13	113	93	91
PMP-12-VS-S (0.5-1.0)	460-30837-14	102	99	99
PMP-12-VD-S (2.5-3.0)	460-30837-15	104	97	93
PMP-12-WT-S (7.0-7.5)	460-30837-16	115	96	89
Dup_090811	460-30837-17	126	105	104
PMP-25-VS-S (1-3)	460-30837-18	114	102	96
PMP-25-VD-S (3-5)	460-30837-19	103	95	92
PMP-25-WT-S (7.5-9.5)	460-30837-20	111	103	101
PMP-14-VS-S (0.5-1.0)	460-30837-21	105	97	97
PMP-14-VD-S (2.5-3.0)	460-30837-22	109	95	93
PMP-14-WT-S (7.0-7.5)	460-30837-23	107	95	92
PMP-8-VS-S (0.5-1.0)	460-30837-24	110	96	100
PMP-8-VD-S (2.5-3.0)	460-30837-25	111	93	97
PMP-8-WT-S (7.0-7.5)	460-30837-26	105	97	93
PMP-4-VS-S (0.5-1.0)	460-30837-27	99	95	103
PMP-4-VD-S (2.5-3.0)	460-30837-28	95	97	95
PMP-4-WT-S (7.0-7.5)	460-30837-29	97	96	95
TB_090911	460-30837-32	100	101	99
	MB 460-86004/5	107	97	92
	MB 460-86290/5	95	95	96
	MB 460-86306/5	108	97	94
	MB 460-86784/5	111	98	93

	QC LIMITS
DCA = 1,2-Dichloroethane-d4 (Surr)	70-138
TOL = Toluene-d8 (Surr)	66-126
BFB = Bromofluorobenzene	72-132

Column to be used to flag recovery values

FORM II 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtx-624 ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
	LCS 460-86004/3	104	98	94
	LCS 460-86290/23	94	99	95
	LCS 460-86306/3	106	98	96
	LCS 460-86784/3	108	97	94
	LCSD 460-86004/4	107	97	95
	LCSD 460-86290/4	93	98	97
	LCSD 460-86306/4	105	100	95
	LCSD 460-86784/4	110	98	93

	QC LIMITS
DCA = 1,2-Dichloroethane-d4 (Surr)	70-138
TOL = Toluene-d8 (Surr)	66-126
BFB = Bromofluorobenzene	72-132

Column to be used to flag recovery values

FORM II 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Matrix: Solid Level: Medium

GC Column (1): DB-624 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
PMP-2-VD-S (3.5-4.0)	460-30837-1	127	120	124
PMP-2-WT-S (8.0-8.5)	460-30837-2	117	108	108
PMP-2-SI-S (10.5-11.0)	460-30837-3	95	92	93
PMP-24-VS-S (1-3)	460-30837-4	126	124	118
PMP-24-VD-S (4.5-6.0)	460-30837-5	90	86	90
PMP-24-WT-S (6.5-8.5)	460-30837-6	119	116	112
PMP-24-SI-S (10.5-12.5)	460-30837-7	107	110	109
	MB 460-86112/4	100	96	101
	LCS 460-86112/3	99	94	96
	LCSD 460-86112/16	104	101	100

	QC LIMITS
DCA = 1,2-Dichloroethane-d4 (Surr)	57-135
TOL = Toluene-d8 (Surr)	46-130
BFB = Bromofluorobenzene	50-124

Column to be used to flag recovery values

FORM II 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-624 ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
FB_090811	460-30837-30	85	96	91
FB_090911	460-30837-31	86	96	91
	MB 460-85734/4	83	96	92
	LCS 460-85734/3	83	99	94
	460-30743-B-7 MS	82	97	93
	460-30743-B-7 MSD	84	97	95

	QC LIMITS
DCA = 1,2-Dichloroethane-d4 (Surr)	70-122
TOL = Toluene-d8 (Surr)	69-125
BFB = Bromofluorobenzene	69-135

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.: 460-30837-1

SDG No.:

Matrix: Water Level: Low Lab File ID: a67835.d

Lab ID: LCS 460-85734/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	19.7	99	58-146	
Bromomethane	20.0	12.6	63	55-153	
Vinyl chloride	20.0	19.7	98	61-144	
Chloroethane	20.0	15.0	75	69-145	
Methylene Chloride	20.0	17.0	85	79-119	
Acetone	20.0	19.5	98	45-156	
Carbon disulfide	20.0	16.5	82	58-139	
Trichlorofluoromethane	20.0	16.7	84	69-147	
1,1-Dichloroethene	20.0	17.1	86	56-139	
1,1-Dichloroethane	20.0	18.1	91	78-122	
trans-1,2-Dichloroethene	20.0	17.0	85	75-122	
cis-1,2-Dichloroethene	20.0	19.2	96	80-120	
Chloroform	20.0	18.4	92	82-123	
2-Butanone	20.0	18.3	91	65-114	
1,2-Dichloroethane	20.0	16.1	81	74-118	
1,1,1-Trichloroethane	20.0	17.9	89	74-128	
Carbon tetrachloride	20.0	18.8	94	73-120	
Benzene	20.0	19.8	99	83-124	
Bromoform	20.0	19.2	96	73-123	
Styrene	20.0	18.2	91	69-112	
Ethylbenzene	20.0	18.3	91	79-126	
Chlorobenzene	20.0	19.1	96	81-121	
Cyclohexane	20.0	17.7	89	58-133	
Isopropylbenzene	20.0	19.8	99	80-125	
2-Hexanone	20.0	14.1	71	53-121	
MTBE	20.0	16.0	80	71-115	
Freon TF	20.0	17.4	87	47-139	
Methyl acetate	20.0	13.4	67	50-151	
1,4-Dioxane	150	131	87	52-126	
Trichloroethene	20.0	18.4	92	78-119	
Toluene	20.0	19.0	95	80-120	
trans-1,3-Dichloropropene	20.0	16.4	82	78-118	
4-Methyl-2-pentanone	20.0	15.9	79	53-120	
cis-1,3-Dichloropropene	20.0	17.7	89	80-120	
1,2-Dichlorobenzene	20.0	20.3	101	82-122	
1,3-Dichlorobenzene	20.0	18.5	93	81-126	
1,4-Dichlorobenzene	20.0	19.2	96	83-123	
1,2,4-Trichlorobenzene	20.0	23.6	118	66-120	
1,2,3-Trichlorobenzene	20.0	24.0	120	76-123	
1,2-Dichloropropane	20.0	18.5	92	80-120	
Methylcyclohexane	20.0	17.3	87	61-129	
Tetrachloroethene	20.0	21.4	107	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.: 460-30837-1

SDG No.:

Matrix: Water Level: Low Lab File ID: a67835.d

Lab ID: LCS 460-85734/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	60.0	55.5	92	76-121	
1,2-Dibromo-3-Chloropropane	20.0	17.6	88	70-116	
1,1,2,2-Tetrachloroethane	20.0	17.5	87	74-126	
1,1,2-Trichloroethane	20.0	18.5	92	79-119	
Dibromochloromethane	20.0	18.4	92	80-120	
1,2-Dibromoethane	20.0	18.9	94	78-118	
Dichlorodifluoromethane	20.0	22.1	110	46-145	
Bromochloromethane	20.0	19.4	97	80-121	
Bromodichloromethane	20.0	17.8	89	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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: d12661.d

Lab ID: LCS 460-86004/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	22.6	113	50-151	
Bromomethane	20.0	23.7	118	54-142	
Vinyl chloride	20.0	22.8	114	67-133	
Chloroethane	20.0	20.9	105	56-146	
Methylene Chloride	20.0	23.8	119	74-137	
Acetone	20.0	28.1	141	27-164	
Carbon disulfide	20.0	22.6	113	72-128	
Trichlorofluoromethane	20.0	22.2	111	61-139	
1,1-Dichloroethene	20.0	22.1	110	71-126	
1,1-Dichloroethane	20.0	21.0	105	76-125	
trans-1,2-Dichloroethene	20.0	20.8	104	75-122	
cis-1,2-Dichloroethene	20.0	20.5	103	80-120	
Chloroform	20.0	20.2	101	77-120	
2-Butanone	20.0	18.2	91	77-117	
1,2-Dichloroethane	20.0	20.3	101	76-118	
1,1,1-Trichloroethane	20.0	22.2	111	78-117	
Carbon tetrachloride	20.0	23.3	116	79-118	
Benzene	20.0	20.7	103	77-117	
Bromoform	20.0	20.4	102	59-125	
Styrene	20.0	19.9	100	82-122	
Ethylbenzene	20.0	20.3	102	81-121	
Chlorobenzene	20.0	19.1	96	80-120	
Cyclohexane	20.0	23.1	115	80-121	
Isopropylbenzene	20.0	20.2	101	65-129	
2-Hexanone	20.0	19.0	95	70-122	
MTBE	20.0	19.8	99	78-120	
Freon TF	20.0	24.1	120	73-123	
Methyl acetate	20.0	19.0	95	73-137	
1,4-Dioxane	150	140	94	69-131	
Trichloroethene	20.0	21.3	107	79-119	
Toluene	20.0	19.7	99	75-115	
trans-1,3-Dichloropropene	20.0	19.0	95	67-121	
4-Methyl-2-pentanone	20.0	18.1	91	68-120	
cis-1,3-Dichloropropene	20.0	19.8	99	80-123	
1,2-Dichlorobenzene	20.0	19.4	97	80-120	
1,3-Dichlorobenzene	20.0	19.2	96	80-120	
1,4-Dichlorobenzene	20.0	18.9	95	80-120	
1,2,4-Trichlorobenzene	20.0	17.6	88	80-120	
1,2,3-Trichlorobenzene	20.0	18.2	91	75-121	
1,2-Dichloropropane	20.0	19.6	98	82-122	
Methylcyclohexane	20.0	23.6	118	78-118	
Tetrachloroethene	20.0	20.0	100	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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: d12661.d

Lab ID: LCS 460-86004/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	60.0	59.0	98	82-122	
1,2-Dibromo-3-Chloropropane	20.0	16.7	83	74-118	
1,1,2,2-Tetrachloroethane	20.0	17.1	86	79-122	
1,1,2-Trichloroethane	20.0	19.3	96	73-118	
Dibromochloromethane	20.0	19.5	97	68-120	
1,2-Dibromoethane	20.0	18.4	92	75-117	
Dichlorodifluoromethane	20.0	25.8	129	52-144	
Bromochloromethane	20.0	21.9	110	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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: j03691.d

Lab ID: LCS 460-86112/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	2000	1990	100	52-144	
Bromomethane	2000	2040	102	58-154	
Vinyl chloride	2000	1770	88	55-154	
Chloroethane	2000	2140	107	66-144	
Methylene Chloride	2000	1980	99	78-118	
Acetone	2000	1900	95	48-177	
Carbon disulfide	2000	2020	101	70-120	
Trichlorofluoromethane	2000	2170	109	60-148	
1,1-Dichloroethene	2000	2100	105	68-138	
1,1-Dichloroethane	2000	2010	100	79-119	
trans-1,2-Dichloroethene	2000	2080	104	73-119	
cis-1,2-Dichloroethene	2000	2140	107	78-118	
Chloroform	2000	2040	102	81-122	
2-Butanone	2000	2230	111	70-139	
1,2-Dichloroethane	2000	2060	103	81-121	
1,1,1-Trichloroethane	2000	2080	104	78-118	
Carbon tetrachloride	2000	2110	105	64-130	
Benzene	2000	2010	101	71-118	
Bromoform	2000	2020	101	76-133	
Styrene	2000	1970	99	73-126	
Ethylbenzene	2000	2070	104	78-124	
Chlorobenzene	2000	2020	101	69-124	
Cyclohexane	2000	2070	104	69-128	
Isopropylbenzene	2000	2050	103	80-143	
2-Hexanone	2000	1880	94	62-123	
MTBE	2000	1980	99	65-143	
Freon TF	2000	2170	108	50-128	
Methyl acetate	2000	1870	93	72-165	
1,4-Dioxane	15000	13500	90	54-147	
Trichloroethene	2000	1950	98	82-122	
Toluene	2000	1940	97	79-136	
trans-1,3-Dichloropropene	2000	1970	98	73-118	
4-Methyl-2-pentanone	2000	1850	92	69-124	
cis-1,3-Dichloropropene	2000	2020	101	75-120	
1,2-Dichlorobenzene	2000	2040	102	83-123	
1,3-Dichlorobenzene	2000	2050	102	83-123	
1,4-Dichlorobenzene	2000	2080	104	84-124	
1,2,4-Trichlorobenzene	2000	2080	104	62-144	
1,2,3-Trichlorobenzene	2000	1650	83	36-207	
1,2-Dichloropropane	2000	2040	102	78-118	
Methylcyclohexane	2000	2130	107	80-134	
Tetrachloroethene	2000	2050	102	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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: j03691.d

Lab ID: LCS 460-86112/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	6000	6070	101	78-126	
1,2-Dibromo-3-Chloropropane	2000	1680	84	62-127	
1,1,2,2-Tetrachloroethane	2000	2030	102	86-145	
1,1,2-Trichloroethane	2000	1980	99	77-120	
Dibromochloromethane	2000	1930	96	78-118	
1,2-Dibromoethane	2000	1980	99	76-120	
Dichlorodifluoromethane	2000	2290	114	41-149	
Bromochloromethane	2000	2040	102	81-121	
Bromodichloromethane	2000	1970	98	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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: d12739.d

Lab ID: LCS 460-86290/23 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	21.2	106	50-151	
Bromomethane	20.0	19.4	97	54-142	
Vinyl chloride	20.0	22.7	113	67-133	
Chloroethane	20.0	20.0	100	56-146	
Methylene Chloride	20.0	24.8	124	74-137	
Acetone	20.0	30.0	150	27-164	
Carbon disulfide	20.0	20.7	103	72-128	
Trichlorofluoromethane	20.0	18.6	93	61-139	
1,1-Dichloroethene	20.0	21.4	107	71-126	
1,1-Dichloroethane	20.0	22.0	110	76-125	
trans-1,2-Dichloroethene	20.0	21.7	108	75-122	
cis-1,2-Dichloroethene	20.0	22.2	111	80-120	
Chloroform	20.0	20.6	103	77-120	
2-Butanone	20.0	22.7	113	77-117	
1,2-Dichloroethane	20.0	20.2	101	76-118	
1,1,1-Trichloroethane	20.0	21.2	106	78-117	
Carbon tetrachloride	20.0	21.4	107	79-118	
Benzene	20.0	21.3	107	77-117	
Bromoform	20.0	20.4	102	59-125	
Styrene	20.0	20.8	104	82-122	
Ethylbenzene	20.0	20.8	104	81-121	
Chlorobenzene	20.0	20.4	102	80-120	
Cyclohexane	20.0	26.0	130	80-121	*
Isopropylbenzene	20.0	21.2	106	65-129	
2-Hexanone	20.0	21.2	106	70-122	
MTBE	20.0	21.4	107	78-120	
Freon TF	20.0	24.4	122	73-123	
Methyl acetate	20.0	17.2	86	73-137	
1,4-Dioxane	150	150	100	69-131	
Trichloroethene	20.0	20.9	104	79-119	
Toluene	20.0	21.7	109	75-115	
trans-1,3-Dichloropropene	20.0	19.8	99	67-121	
4-Methyl-2-pentanone	20.0	18.9	95	68-120	
cis-1,3-Dichloropropene	20.0	20.3	101	80-123	
1,2-Dichlorobenzene	20.0	20.0	100	80-120	
1,3-Dichlorobenzene	20.0	20.3	102	80-120	
1,4-Dichlorobenzene	20.0	20.1	100	80-120	
1,2,4-Trichlorobenzene	20.0	19.3	97	80-120	
1,2,3-Trichlorobenzene	20.0	19.0	95	75-121	
1,2-Dichloropropane	20.0	20.4	102	82-122	
Methylcyclohexane	20.0	23.4	117	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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: d12739.d

Lab ID: LCS 460-86290/23 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	60.0	62.1	104	82-122	
1,2-Dibromo-3-Chloropropane	20.0	17.4	87	74-118	
1,1,2,2-Tetrachloroethane	20.0	19.3	96	79-122	
1,1,2-Trichloroethane	20.0	19.9	99	73-118	
Dibromochloromethane	20.0	19.6	98	68-120	
1,2-Dibromoethane	20.0	18.8	94	75-117	
Dichlorodifluoromethane	20.0	20.6	103	52-144	
Bromochloromethane	20.0	21.5	107	74-125	
Bromodichloromethane	20.0	20.1	101	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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: d12764.d

Lab ID: LCS 460-86306/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	20.1	101	50-151	
Bromomethane	20.0	19.7	98	54-142	
Vinyl chloride	20.0	22.4	112	67-133	
Chloroethane	20.0	19.9	100	56-146	
Methylene Chloride	20.0	22.1	111	74-137	
Acetone	20.0	27.2	136	27-164	
Carbon disulfide	20.0	18.3	91	72-128	
Trichlorofluoromethane	20.0	22.1	111	61-139	
1,1-Dichloroethene	20.0	20.7	104	71-126	
1,1-Dichloroethane	20.0	20.2	101	76-125	
trans-1,2-Dichloroethene	20.0	19.8	99	75-122	
cis-1,2-Dichloroethene	20.0	19.4	97	80-120	
Chloroform	20.0	19.3	97	77-120	
2-Butanone	20.0	18.2	91	77-117	
1,2-Dichloroethane	20.0	20.1	101	76-118	
1,1,1-Trichloroethane	20.0	19.8	99	78-117	
Carbon tetrachloride	20.0	20.7	104	79-118	
Benzene	20.0	18.9	95	77-117	
Bromoform	20.0	19.1	96	59-125	
Styrene	20.0	17.8	89	82-122	
Ethylbenzene	20.0	18.6	93	81-121	
Chlorobenzene	20.0	17.7	88	80-120	
Cyclohexane	20.0	21.6	108	80-121	
Isopropylbenzene	20.0	18.4	92	65-129	
2-Hexanone	20.0	18.3	92	70-122	
MTBE	20.0	18.8	94	78-120	
Freon TF	20.0	24.0	120	73-123	
Methyl acetate	20.0	18.4	92	73-137	
1,4-Dioxane	150	142	94	69-131	
Trichloroethene	20.0	19.1	96	79-119	
Toluene	20.0	18.0	90	75-115	
trans-1,3-Dichloropropene	20.0	18.3	91	67-121	
4-Methyl-2-pentanone	20.0	17.1	86	68-120	
cis-1,3-Dichloropropene	20.0	17.6	88	80-123	
1,2-Dichlorobenzene	20.0	17.3	86	80-120	
1,3-Dichlorobenzene	20.0	17.7	89	80-120	
1,4-Dichlorobenzene	20.0	17.5	88	80-120	
1,2,4-Trichlorobenzene	20.0	16.7	83	80-120	
1,2,3-Trichlorobenzene	20.0	16.7	84	75-121	
1,2-Dichloropropane	20.0	17.8	89	82-122	
Methylcyclohexane	20.0	20.9	105	78-118	
Tetrachloroethene	20.0	18.7	94	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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: d12764.d

Lab ID: LCS 460-86306/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	60.0	54.1	90	82-122	
1,2-Dibromo-3-Chloropropane	20.0	16.4	82	74-118	
1,1,2,2-Tetrachloroethane	20.0	17.0	85	79-122	
1,1,2-Trichloroethane	20.0	18.0	90	73-118	
Dibromochloromethane	20.0	18.1	90	68-120	
1,2-Dibromoethane	20.0	17.1	85	75-117	
Dichlorodifluoromethane	20.0	21.3	106	52-144	
Bromochloromethane	20.0	20.4	102	74-125	
Bromodichloromethane	20.0	18.6	93	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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: d12880.d

Lab ID: LCS 460-86784/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	22.5	113	50-151	
Bromomethane	20.0	23.8	119	54-142	
Vinyl chloride	20.0	22.8	114	67-133	
Chloroethane	20.0	21.2	106	56-146	
Methylene Chloride	20.0	22.6	113	74-137	
Acetone	20.0	31.4	157	27-164	
Carbon disulfide	20.0	22.3	111	72-128	
Trichlorofluoromethane	20.0	21.8	109	61-139	
1,1-Dichloroethene	20.0	21.2	106	71-126	
1,1-Dichloroethane	20.0	20.5	102	76-125	
trans-1,2-Dichloroethene	20.0	20.4	102	75-122	
cis-1,2-Dichloroethene	20.0	20.3	102	80-120	
Chloroform	20.0	19.6	98	77-120	
2-Butanone	20.0	18.8	94	77-117	
1,2-Dichloroethane	20.0	19.4	97	76-118	
1,1,1-Trichloroethane	20.0	21.4	107	78-117	
Carbon tetrachloride	20.0	22.2	111	79-118	
Benzene	20.0	19.3	96	77-117	
Bromoform	20.0	19.8	99	59-125	
Styrene	20.0	19.0	95	82-122	
Ethylbenzene	20.0	19.6	98	81-121	
Chlorobenzene	20.0	18.5	93	80-120	
Cyclohexane	20.0	23.9	119	80-121	
Isopropylbenzene	20.0	18.9	94	65-129	
2-Hexanone	20.0	21.1	105	70-122	
MTBE	20.0	22.2	111	78-120	
Freon TF	20.0	23.4	117	73-123	
Methyl acetate	20.0	20.1	101	73-137	
1,4-Dioxane	150	148	99	69-131	
Trichloroethene	20.0	19.2	96	79-119	
Toluene	20.0	18.3	92	75-115	
trans-1,3-Dichloropropene	20.0	18.9	95	67-121	
4-Methyl-2-pentanone	20.0	19.6	98	68-120	
cis-1,3-Dichloropropene	20.0	19.6	98	80-123	
1,2-Dichlorobenzene	20.0	17.6	88	80-120	
1,3-Dichlorobenzene	20.0	17.7	89	80-120	
1,4-Dichlorobenzene	20.0	17.5	88	80-120	
1,2,4-Trichlorobenzene	20.0	16.5	83	80-120	
1,2,3-Trichlorobenzene	20.0	16.9	84	75-121	
1,2-Dichloropropane	20.0	18.6	93	82-122	
Methylcyclohexane	20.0	23.2	116	78-118	
Tetrachloroethene	20.0	18.8	94	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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: d12880.d

Lab ID: LCS 460-86784/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	60.0	55.9	93	82-122	
1,2-Dibromo-3-Chloropropane	20.0	17.7	88	74-118	
1,1,2,2-Tetrachloroethane	20.0	17.5	87	79-122	
1,1,2-Trichloroethane	20.0	18.3	92	73-118	
Dibromochloromethane	20.0	19.3	96	68-120	
1,2-Dibromoethane	20.0	18.3	92	75-117	
Dichlorodifluoromethane	20.0	22.2	111	52-144	
Bromochloromethane	20.0	21.3	106	74-125	
Bromodichloromethane	20.0	19.6	98	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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: d12662.d

Lab ID: LCSD 460-86004/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	20.0	21.7	108	4	30	50-151	
Bromomethane	20.0	23.0	115	3	30	54-142	
Vinyl chloride	20.0	22.3	112	2	30	67-133	
Chloroethane	20.0	20.7	104	1	30	56-146	
Methylene Chloride	20.0	23.6	118	1	30	74-137	
Acetone	20.0	30.9	154	9	30	27-164	
Carbon disulfide	20.0	21.8	109	4	30	72-128	
Trichlorofluoromethane	20.0	21.4	107	4	30	61-139	
1,1-Dichloroethene	20.0	21.9	109	1	30	71-126	
1,1-Dichloroethane	20.0	20.8	104	1	30	76-125	
trans-1,2-Dichloroethene	20.0	20.4	102	2	30	75-122	
cis-1,2-Dichloroethene	20.0	19.8	99	4	30	80-120	
Chloroform	20.0	20.2	101	0	30	77-120	
2-Butanone	20.0	21.6	108	17	30	77-117	
1,2-Dichloroethane	20.0	20.8	104	3	30	76-118	
1,1,1-Trichloroethane	20.0	20.6	103	7	30	78-117	
Carbon tetrachloride	20.0	21.7	109	7	30	79-118	
Benzene	20.0	20.1	100	3	30	77-117	
Bromoform	20.0	21.7	108	6	30	59-125	
Styrene	20.0	19.3	97	3	30	82-122	
Ethylbenzene	20.0	19.7	98	3	30	81-121	
Chlorobenzene	20.0	18.9	94	1	30	80-120	
Cyclohexane	20.0	22.1	110	4	30	80-121	
Isopropylbenzene	20.0	19.4	97	4	30	65-129	
2-Hexanone	20.0	21.9	109	14	30	70-122	
MTBE	20.0	21.0	105	6	30	78-120	
Freon TF	20.0	22.2	111	8	30	73-123	
Methyl acetate	20.0	20.6	103	8	30	73-137	
1,4-Dioxane	150	162	108	14	30	69-131	
Trichloroethene	20.0	20.3	101	5	30	79-119	
Toluene	20.0	18.6	93	6	30	75-115	
trans-1,3-Dichloropropene	20.0	19.9	99	5	30	67-121	
4-Methyl-2-pentanone	20.0	20.8	104	14	30	68-120	
cis-1,3-Dichloropropene	20.0	20.3	101	3	30	80-123	
1,2-Dichlorobenzene	20.0	18.4	92	5	30	80-120	
1,3-Dichlorobenzene	20.0	18.9	95	1	30	80-120	
1,4-Dichlorobenzene	20.0	18.6	93	2	30	80-120	
1,2,4-Trichlorobenzene	20.0	17.8	89	1	30	80-120	
1,2,3-Trichlorobenzene	20.0	18.8	94	3	30	75-121	
1,2-Dichloropropane	20.0	18.9	95	3	30	82-122	
Methylcyclohexane	20.0	22.0	110	7	30	78-118	
Tetrachloroethene	20.0	19.5	97	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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: d12662.d

Lab ID: LCSD 460-86004/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	60.0	57.5	96	3	30	82-122	
1,2-Dibromo-3-Chloropropane	20.0	17.6	88	6	30	74-118	
1,1,2,2-Tetrachloroethane	20.0	18.4	92	7	30	79-122	
1,1,2-Trichloroethane	20.0	19.2	96	1	30	73-118	
Dibromochloromethane	20.0	20.0	100	2	30	68-120	
1,2-Dibromoethane	20.0	18.9	95	3	30	75-117	
Dichlorodifluoromethane	20.0	24.7	123	4	30	52-144	
Bromochloromethane	20.0	21.2	106	3	30	74-125	
Bromodichloromethane	20.0	20.4	102	0	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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: j03692.d

Lab ID: LCSD 460-86112/16 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	2000	1900	95	5	30	52-144	
Bromomethane	2000	1830	92	11	30	58-154	
Vinyl chloride	2000	1980	99	12	30	55-154	
Chloroethane	2000	2150	107	0	30	66-144	
Methylene Chloride	2000	1830	92	8	30	78-118	
Acetone	2000	2010	101	6	30	48-177	
Carbon disulfide	2000	1370	68	38	30	70-120	*
Trichlorofluoromethane	2000	2250	112	3	30	60-148	
1,1-Dichloroethene	2000	1800	90	15	30	68-138	
1,1-Dichloroethane	2000	1990	100	1	30	79-119	
trans-1,2-Dichloroethene	2000	1950	97	7	30	73-119	
cis-1,2-Dichloroethene	2000	2050	103	4	30	78-118	
Chloroform	2000	2090	105	3	30	81-122	
2-Butanone	2000	2040	102	9	30	70-139	
1,2-Dichloroethane	2000	2110	106	2	30	81-121	
1,1,1-Trichloroethane	2000	2010	101	3	30	78-118	
Carbon tetrachloride	2000	2080	104	1	30	64-130	
Benzene	2000	1960	98	2	30	71-118	
Bromoform	2000	2130	106	5	30	76-133	
Styrene	2000	2090	105	6	30	73-126	
Ethylbenzene	2000	2180	109	5	30	78-124	
Chlorobenzene	2000	2050	102	1	30	69-124	
Cyclohexane	2000	2030	101	2	30	69-128	
Isopropylbenzene	2000	2200	110	7	30	80-143	
2-Hexanone	2000	1990	100	6	30	62-123	
MTBE	2000	1930	97	2	30	65-143	
Freon TF	2000	2110	105	3	30	50-128	
Methyl acetate	2000	1630	81	14	30	72-165	
1,4-Dioxane	15000	14000	93	4	30	54-147	
Trichloroethene	2000	2010	100	3	30	82-122	
Toluene	2000	2020	101	4	30	79-136	
trans-1,3-Dichloropropene	2000	2050	103	4	30	73-118	
4-Methyl-2-pentanone	2000	2030	101	9	30	69-124	
cis-1,3-Dichloropropene	2000	2070	103	2	30	75-120	
1,2-Dichlorobenzene	2000	2060	103	1	30	83-123	
1,3-Dichlorobenzene	2000	2040	102	0	30	83-123	
1,4-Dichlorobenzene	2000	1960	98	6	30	84-124	
1,2,4-Trichlorobenzene	2000	2120	106	2	30	62-144	
1,2,3-Trichlorobenzene	2000	1630	81	2	30	36-207	
1,2-Dichloropropane	2000	2110	105	3	30	78-118	
Methylcyclohexane	2000	2170	108	2	30	80-134	
Tetrachloroethene	2000	2160	108	5	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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: j03692.d

Lab ID: LCSD 460-86112/16 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	6000	6280	105	3	30	78-126	
1,2-Dibromo-3-Chloropropane	2000	1810	91	8	30	62-127	
1,1,2,2-Tetrachloroethane	2000	2080	104	2	30	86-145	
1,1,2-Trichloroethane	2000	2050	102	4	30	77-120	
Dibromochloromethane	2000	2120	106	10	30	78-118	
1,2-Dibromoethane	2000	2020	101	2	30	76-120	
Dichlorodifluoromethane	2000	2460	123	7	30	41-149	
Bromochloromethane	2000	1990	100	2	30	81-121	
Bromodichloromethane	2000	2100	105	7	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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: d12740.d

Lab ID: LCSD 460-86290/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	20.0	20.1	100	5	30	50-151	
Bromomethane	20.0	19.4	97	0	30	54-142	
Vinyl chloride	20.0	23.1	116	2	30	67-133	
Chloroethane	20.0	19.1	96	5	30	56-146	
Methylene Chloride	20.0	25.1	125	1	30	74-137	
Acetone	20.0	31.9	159	6	30	27-164	
Carbon disulfide	20.0	19.5	98	6	30	72-128	
Trichlorofluoromethane	20.0	18.9	95	2	30	61-139	
1,1-Dichloroethene	20.0	20.1	101	6	30	71-126	
1,1-Dichloroethane	20.0	21.8	109	1	30	76-125	
trans-1,2-Dichloroethene	20.0	21.5	108	1	30	75-122	
cis-1,2-Dichloroethene	20.0	21.4	107	3	30	80-120	
Chloroform	20.0	21.1	106	2	30	77-120	
2-Butanone	20.0	22.3	112	1	30	77-117	
1,2-Dichloroethane	20.0	20.3	102	1	30	76-118	
1,1,1-Trichloroethane	20.0	20.5	102	3	30	78-117	
Carbon tetrachloride	20.0	21.2	106	1	30	79-118	
Benzene	20.0	21.6	108	1	30	77-117	
Bromoform	20.0	20.5	103	1	30	59-125	
Styrene	20.0	19.9	100	4	30	82-122	
Ethylbenzene	20.0	21.1	105	1	30	81-121	
Chlorobenzene	20.0	19.3	96	6	30	80-120	
Cyclohexane	20.0	24.9	124	4	30	80-121	*
Isopropylbenzene	20.0	20.2	101	5	30	65-129	
2-Hexanone	20.0	21.1	105	1	30	70-122	
MTBE	20.0	20.5	102	4	30	78-120	
Freon TF	20.0	23.6	118	3	30	73-123	
Methyl acetate	20.0	18.3	91	6	30	73-137	
1,4-Dioxane	150	130	86	14	30	69-131	
Trichloroethene	20.0	20.8	104	0	30	79-119	
Toluene	20.0	21.6	108	1	30	75-115	
trans-1,3-Dichloropropene	20.0	19.9	99	0	30	67-121	
4-Methyl-2-pentanone	20.0	19.4	97	2	30	68-120	
cis-1,3-Dichloropropene	20.0	19.4	97	4	30	80-123	
1,2-Dichlorobenzene	20.0	18.6	93	8	30	80-120	
1,3-Dichlorobenzene	20.0	18.5	92	10	30	80-120	
1,4-Dichlorobenzene	20.0	18.2	91	10	30	80-120	
1,2,4-Trichlorobenzene	20.0	17.1	85	12	30	80-120	
1,2,3-Trichlorobenzene	20.0	16.5	82	14	30	75-121	
1,2-Dichloropropane	20.0	20.2	101	1	30	82-122	
Methylcyclohexane	20.0	22.7	113	3	30	78-118	
Tetrachloroethene	20.0	20.9	104	1	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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: d12740.d

Lab ID: LCSD 460-86290/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	60.0	60.3	101	3	30	82-122	
1,2-Dibromo-3-Chloropropane	20.0	17.1	85	2	30	74-118	
1,1,2,2-Tetrachloroethane	20.0	19.9	99	3	30	79-122	
1,1,2-Trichloroethane	20.0	20.2	101	2	30	73-118	
Dibromochloromethane	20.0	19.6	98	0	30	68-120	
1,2-Dibromoethane	20.0	19.7	98	4	30	75-117	
Dichlorodifluoromethane	20.0	21.6	108	5	30	52-144	
Bromochloromethane	20.0	21.4	107	1	30	74-125	
Bromodichloromethane	20.0	20.3	102	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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: d12765.d

Lab ID: LCSD 460-86306/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	20.0	22.4	112	11	30	50-151	
Bromomethane	20.0	23.2	116	17	30	54-142	
Vinyl chloride	20.0	21.9	110	2	30	67-133	
Chloroethane	20.0	21.0	105	5	30	56-146	
Methylene Chloride	20.0	22.5	112	2	30	74-137	
Acetone	20.0	29.6	148	8	30	27-164	
Carbon disulfide	20.0	20.6	103	12	30	72-128	
Trichlorofluoromethane	20.0	22.3	111	1	30	61-139	
1,1-Dichloroethene	20.0	20.7	104	0	30	71-126	
1,1-Dichloroethane	20.0	19.9	99	1	30	76-125	
trans-1,2-Dichloroethene	20.0	19.7	98	0	30	75-122	
cis-1,2-Dichloroethene	20.0	19.8	99	2	30	80-120	
Chloroform	20.0	19.1	95	1	30	77-120	
2-Butanone	20.0	17.1	86	6	30	77-117	
1,2-Dichloroethane	20.0	19.7	98	2	30	76-118	
1,1,1-Trichloroethane	20.0	20.5	102	4	30	78-117	
Carbon tetrachloride	20.0	21.1	106	2	30	79-118	
Benzene	20.0	19.5	97	3	30	77-117	
Bromoform	20.0	19.4	97	1	30	59-125	
Styrene	20.0	18.9	95	6	30	82-122	
Ethylbenzene	20.0	19.1	95	2	30	81-121	
Chlorobenzene	20.0	18.2	91	3	30	80-120	
Cyclohexane	20.0	22.5	112	4	30	80-121	
Isopropylbenzene	20.0	19.6	98	6	30	65-129	
2-Hexanone	20.0	20.6	103	12	30	70-122	
MTBE	20.0	20.2	101	8	30	78-120	
Freon TF	20.0	21.8	109	10	30	73-123	
Methyl acetate	20.0	18.2	91	1	30	73-137	
1,4-Dioxane	150	136	90	4	30	69-131	
Trichloroethene	20.0	19.9	100	4	30	79-119	
Toluene	20.0	18.5	93	3	30	75-115	
trans-1,3-Dichloropropene	20.0	18.7	94	2	30	67-121	
4-Methyl-2-pentanone	20.0	18.3	92	7	30	68-120	
cis-1,3-Dichloropropene	20.0	18.0	90	2	30	80-123	
1,2-Dichlorobenzene	20.0	18.1	90	4	30	80-120	
1,3-Dichlorobenzene	20.0	18.7	93	5	30	80-120	
1,4-Dichlorobenzene	20.0	17.6	88	0	30	80-120	
1,2,4-Trichlorobenzene	20.0	17.2	86	3	30	80-120	
1,2,3-Trichlorobenzene	20.0	17.2	86	3	30	75-121	
1,2-Dichloropropane	20.0	17.5	88	2	30	82-122	
Methylcyclohexane	20.0	21.9	109	5	30	78-118	
Tetrachloroethene	20.0	19.5	98	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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: d12765.d

Lab ID: LCSD 460-86306/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	60.0	57.6	96	6	30	82-122	
1,2-Dibromo-3-Chloropropane	20.0	17.4	87	6	30	74-118	
1,1,2,2-Tetrachloroethane	20.0	17.3	86	2	30	79-122	
1,1,2-Trichloroethane	20.0	17.8	89	1	30	73-118	
Dibromochloromethane	20.0	18.3	91	1	30	68-120	
1,2-Dibromoethane	20.0	17.6	88	3	30	75-117	
Dichlorodifluoromethane	20.0	23.8	119	11	30	52-144	
Bromochloromethane	20.0	20.0	100	2	30	74-125	
Bromodichloromethane	20.0	18.3	92	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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: d12881.d

Lab ID: LCSD 460-86784/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	20.0	19.7	99	13	30	50-151	
Bromomethane	20.0	21.2	106	12	30	54-142	
Vinyl chloride	20.0	20.6	103	10	30	67-133	
Chloroethane	20.0	19.3	96	9	30	56-146	
Methylene Chloride	20.0	22.4	112	1	30	74-137	
Acetone	20.0	26.8	134	16	30	27-164	
Carbon disulfide	20.0	21.6	108	3	30	72-128	
Trichlorofluoromethane	20.0	19.9	99	9	30	61-139	
1,1-Dichloroethene	20.0	21.2	106	0	30	71-126	
1,1-Dichloroethane	20.0	20.1	100	2	30	76-125	
trans-1,2-Dichloroethene	20.0	19.9	99	3	30	75-122	
cis-1,2-Dichloroethene	20.0	19.3	97	5	30	80-120	
Chloroform	20.0	19.5	98	0	30	77-120	
2-Butanone	20.0	20.5	102	8	30	77-117	
1,2-Dichloroethane	20.0	20.0	100	3	30	76-118	
1,1,1-Trichloroethane	20.0	21.4	107	0	30	78-117	
Carbon tetrachloride	20.0	22.1	111	0	30	79-118	
Benzene	20.0	19.2	96	0	30	77-117	
Bromoform	20.0	20.1	100	1	30	59-125	
Styrene	20.0	18.5	93	2	30	82-122	
Ethylbenzene	20.0	18.7	93	5	30	81-121	
Chlorobenzene	20.0	18.1	91	2	30	80-120	
Cyclohexane	20.0	23.2	116	3	30	80-121	
Isopropylbenzene	20.0	19.1	96	1	30	65-129	
2-Hexanone	20.0	22.6	113	7	30	70-122	
MTBE	20.0	22.2	111	0	30	78-120	
Freon TF	20.0	22.6	113	3	30	73-123	
Methyl acetate	20.0	24.4	122	19	30	73-137	
1,4-Dioxane	150	172	115	15	30	69-131	
Trichloroethene	20.0	19.1	96	0	30	79-119	
Toluene	20.0	18.1	91	1	30	75-115	
trans-1,3-Dichloropropene	20.0	19.2	96	2	30	67-121	
4-Methyl-2-pentanone	20.0	21.0	105	7	30	68-120	
cis-1,3-Dichloropropene	20.0	18.8	94	4	30	80-123	
1,2-Dichlorobenzene	20.0	17.5	87	1	30	80-120	
1,3-Dichlorobenzene	20.0	17.6	88	1	30	80-120	
1,4-Dichlorobenzene	20.0	17.1	86	2	30	80-120	
1,2,4-Trichlorobenzene	20.0	16.5	83	0	30	80-120	
1,2,3-Trichlorobenzene	20.0	17.0	85	1	30	75-121	
1,2-Dichloropropane	20.0	18.1	90	3	30	82-122	
Methylcyclohexane	20.0	23.0	115	1	30	78-118	
Tetrachloroethene	20.0	18.1	91	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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: d12881.d

Lab ID: LCSD 460-86784/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	60.0	55.6	93	1	30	82-122	
1,2-Dibromo-3-Chloropropane	20.0	18.1	90	2	30	74-118	
1,1,2,2-Tetrachloroethane	20.0	17.8	89	2	30	79-122	
1,1,2-Trichloroethane	20.0	18.1	90	2	30	73-118	
Dibromochloromethane	20.0	18.9	94	2	30	68-120	
1,2-Dibromoethane	20.0	18.1	91	1	30	75-117	
Dichlorodifluoromethane	20.0	20.4	102	8	30	52-144	
Bromochloromethane	20.0	20.6	103	3	30	74-125	
Bromodichloromethane	20.0	18.9	95	3	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.: 460-30837-1

SDG No.:

Matrix: Water Level: Low Lab File ID: a67842.d

Lab ID: 460-30743-B-7 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Chloromethane	20.0	1.0 U	19.5	97	58-146	
Bromomethane	20.0	1.0 U	11.9	60	55-153	
Vinyl chloride	20.0	1.0 U	19.3	96	61-144	
Chloroethane	20.0	1.0 U	14.2	71	69-145	
Methylene Chloride	20.0	1.0 U	16.9	85	79-119	
Acetone	20.0	10 U	14.0	70	45-156	
Carbon disulfide	20.0	1.0 U	14.6	73	58-139	
Trichlorofluoromethane	20.0	1.0 U	16.1	80	69-147	
1,1-Dichloroethene	20.0	1.0 U	16.6	83	56-139	
1,1-Dichloroethane	20.0	1.0 U	17.8	89	78-122	
trans-1,2-Dichloroethene	20.0	1.0 U	16.3	82	75-122	
cis-1,2-Dichloroethene	20.0	1.0 U	18.2	91	80-120	
Chloroform	20.0	1.0 U	17.8	89	82-123	
2-Butanone	20.0	10 U	17.7	89	65-114	
1,2-Dichloroethane	20.0	1.0 U	15.6	78	74-118	
1,1,1-Trichloroethane	20.0	1.0 U	17.1	85	74-128	
Carbon tetrachloride	20.0	1.0 U	18.1	90	73-120	
Benzene	20.0	1.0 U	18.6	93	83-124	
Bromoform	20.0	1.0 U	15.6	78	73-123	
Styrene	20.0	1.0 U	16.6	83	69-112	
Ethylbenzene	20.0	1.0 U	17.8	89	79-126	
Chlorobenzene	20.0	1.0 U	18.5	92	81-121	
Cyclohexane	20.0	1.0 U	17.1	86	58-133	
Isopropylbenzene	20.0	1.0 U	18.4	92	80-125	
2-Hexanone	20.0	10 U	13.7	68	53-121	
MTBE	20.0	1.0 U	15.7	78	71-115	
Freon TF	20.0	1.0 U	17.2	86	47-139	
Methyl acetate	20.0	2.0 U	12.3	61	50-151	
1,4-Dioxane	150	50 U	156	104	52-126	
Trichloroethene	20.0	2.8	20.0	86	78-119	
Toluene	20.0	1.0 U	18.0	90	80-120	
trans-1,3-Dichloropropene	20.0	1.0 U	15.0	75	78-118	F
4-Methyl-2-pentanone	20.0	10 U	14.8	74	53-120	
cis-1,3-Dichloropropene	20.0	1.0 U	15.9	80	80-120	
1,2-Dichlorobenzene	20.0	1.0 U	19.2	96	82-122	
1,3-Dichlorobenzene	20.0	1.0 U	17.7	89	81-126	
1,4-Dichlorobenzene	20.0	1.0 U	18.0	90	83-123	
1,2,4-Trichlorobenzene	20.0	1.0 U	20.2	101	66-120	
1,2,3-Trichlorobenzene	20.0	1.0 U	18.1	91	76-123	
1,2-Dichloropropane	20.0	1.0 U	17.9	89	80-120	
Methylcyclohexane	20.0	1.0 U	16.7	84	61-129	
Tetrachloroethene	20.0	1.0 U	20.6	103	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.: 460-30837-1

SDG No.:

Matrix: Water Level: Low Lab File ID: a67842.d

Lab ID: 460-30743-B-7 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Xylenes, Total	60.0	3.0 U	52.3	87	76-121	
1,2-Dibromo-3-Chloropropane	20.0	1.0 U	15.0	75	70-116	
1,1,2,2-Tetrachloroethane	20.0	1.0 U	16.8	84	74-126	
1,1,2-Trichloroethane	20.0	1.0 U	17.5	87	79-119	
Dibromochloromethane	20.0	1.0 U	16.3	81	80-120	
1,2-Dibromoethane	20.0	1.0 U	18.0	90	78-118	
Dichlorodifluoromethane	20.0	1.0 U	21.1	106	46-145	
Bromochloromethane	20.0	1.0 U	18.4	92	80-121	
Bromodichloromethane	20.0	1.0 U	16.7	84	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.: 460-30837-1

SDG No.:

Matrix: Water Level: Low Lab File ID: a67843.d

Lab ID: 460-30743-B-7 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	20.0	20.6	103	6	30	58-146	
Bromomethane	20.0	12.7	64	7	30	55-153	
Vinyl chloride	20.0	20.6	103	7	30	61-144	
Chloroethane	20.0	15.5	78	9	30	69-145	
Methylene Chloride	20.0	18.0	90	6	30	79-119	
Acetone	20.0	14.9	74	6	30	45-156	
Carbon disulfide	20.0	15.4	77	5	30	58-139	
Trichlorofluoromethane	20.0	16.9	85	5	30	69-147	
1,1-Dichloroethene	20.0	17.9	89	7	30	56-139	
1,1-Dichloroethane	20.0	19.0	95	7	30	78-122	
trans-1,2-Dichloroethene	20.0	17.6	88	8	30	75-122	
cis-1,2-Dichloroethene	20.0	19.5	98	7	30	80-120	
Chloroform	20.0	18.9	95	6	30	82-123	
2-Butanone	20.0	17.7	89	0	30	65-114	
1,2-Dichloroethane	20.0	16.8	84	7	30	74-118	
1,1,1-Trichloroethane	20.0	18.4	92	8	30	74-128	
Carbon tetrachloride	20.0	19.3	96	6	30	73-120	
Benzene	20.0	19.8	99	6	30	83-124	
Bromoform	20.0	17.2	86	10	30	73-123	
Styrene	20.0	17.6	88	6	30	69-112	
Ethylbenzene	20.0	18.8	94	6	30	79-126	
Chlorobenzene	20.0	19.7	98	6	30	81-121	
Cyclohexane	20.0	18.1	91	6	30	58-133	
Isopropylbenzene	20.0	19.6	98	7	30	80-125	
2-Hexanone	20.0	13.8	69	1	30	53-121	
MTBE	20.0	16.7	83	6	30	71-115	
Freon TF	20.0	18.0	90	4	30	47-139	
Methyl acetate	20.0	12.9	65	5	30	50-151	
1,4-Dioxane	150	148	99	5	30	52-126	
Trichloroethene	20.0	21.0	91	5	30	78-119	
Toluene	20.0	19.1	96	6	30	80-120	
trans-1,3-Dichloropropene	20.0	15.5	78	3	30	78-118	
4-Methyl-2-pentanone	20.0	15.2	76	2	30	53-120	
cis-1,3-Dichloropropene	20.0	17.0	85	7	30	80-120	
1,2-Dichlorobenzene	20.0	20.5	102	7	30	82-122	
1,3-Dichlorobenzene	20.0	19.1	96	8	30	81-126	
1,4-Dichlorobenzene	20.0	20.0	100	11	30	83-123	
1,2,4-Trichlorobenzene	20.0	23.5	118	15	30	66-120	
1,2,3-Trichlorobenzene	20.0	23.8	119	27	30	76-123	
1,2-Dichloropropane	20.0	19.0	95	6	30	80-120	
Methylcyclohexane	20.0	17.9	89	7	30	61-129	
Tetrachloroethene	20.0	21.5	107	4	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.: 460-30837-1

SDG No.:

Matrix: Water Level: Low Lab File ID: a67843.d

Lab ID: 460-30743-B-7 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	60.0	56.0	93	7	30	76-121	
1,2-Dibromo-3-Chloropropane	20.0	17.5	88	16	30	70-116	
1,1,2,2-Tetrachloroethane	20.0	17.7	89	6	30	74-126	
1,1,2-Trichloroethane	20.0	18.6	93	6	30	79-119	
Dibromochloromethane	20.0	17.2	86	5	30	80-120	
1,2-Dibromoethane	20.0	18.9	94	5	30	78-118	
Dichlorodifluoromethane	20.0	21.8	109	3	30	46-145	
Bromochloromethane	20.0	19.9	100	8	30	80-121	
Bromodichloromethane	20.0	17.6	88	5	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.: 460-30837-1

SDG No.:

Lab File ID: d12664.d Lab Sample ID: MB 460-86004/5

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: VOAMS4 Date Analyzed: 09/14/2011 06:51

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 460-86004/3	d12661.d	09/14/2011 04:49
	LCSD 460-86004/4	d12662.d	09/14/2011 05:52
PMP-22-VS-S (1.5-2.0)	460-30837-8	d12676.d	09/14/2011 11:43
PMP-22-WT-S (7.0-8.5)	460-30837-10	d12677.d	09/14/2011 12:08
PMP-23-VS-S (1-3)	460-30837-11	d12678.d	09/14/2011 12:32
PMP-23-WT-S (6.5-8.5)	460-30837-12	d12679.d	09/14/2011 12:56
PMP-23-VD-S (3.5-5.0)	460-30837-13	d12680.d	09/14/2011 13:20
PMP-12-WT-S (7.0-7.5)	460-30837-16	d12682.d	09/14/2011 14:08
Dup_090811	460-30837-17	d12683.d	09/14/2011 14:32
PMP-25-VS-S (1-3)	460-30837-18	d12684.d	09/14/2011 14:56

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab File ID: d12742.d Lab Sample ID: MB 460-86290/5

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: VOAMS4 Date Analyzed: 09/15/2011 21:07

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 460-86290/23	d12739.d	09/15/2011 19:42
	LCSD 460-86290/4	d12740.d	09/15/2011 20:19
PMP-12-VS-S (0.5-1.0)	460-30837-14	d12748.d	09/15/2011 23:53
PMP-12-VD-S (2.5-3.0)	460-30837-15	d12749.d	09/16/2011 00:17
PMP-25-VD-S (3-5)	460-30837-19	d12750.d	09/16/2011 00:41
PMP-25-WT-S (7.5-9.5)	460-30837-20	d12751.d	09/16/2011 01:04
PMP-14-VS-S (0.5-1.0)	460-30837-21	d12752.d	09/16/2011 01:28
PMP-14-VD-S (2.5-3.0)	460-30837-22	d12753.d	09/16/2011 01:52
PMP-14-WT-S (7.0-7.5)	460-30837-23	d12754.d	09/16/2011 02:16
PMP-8-VS-S (0.5-1.0)	460-30837-24	d12755.d	09/16/2011 02:40
PMP-8-VD-S (2.5-3.0)	460-30837-25	d12756.d	09/16/2011 03:04
PMP-8-WT-S (7.0-7.5)	460-30837-26	d12757.d	09/16/2011 03:28

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab File ID: d12768.d Lab Sample ID: MB 460-86306/5

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: VOAMS4 Date Analyzed: 09/16/2011 08:21

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 460-86306/3	d12764.d	09/16/2011 06:43
	LCSD 460-86306/4	d12765.d	09/16/2011 07:08
PMP-4-VS-S (0.5-1.0)	460-30837-27	d12776.d	09/16/2011 11:34
TB_090911	460-30837-32	d12779.d	09/16/2011 12:46
PMP-4-VD-S (2.5-3.0)	460-30837-28	d12780.d	09/16/2011 13:10
PMP-4-WT-S (7.0-7.5)	460-30837-29	d12781.d	09/16/2011 13:34

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab File ID: d12884.d Lab Sample ID: MB 460-86784/5

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: VOAMS4 Date Analyzed: 09/21/2011 07:02

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 460-86784/3	d12880.d	09/21/2011 05:24
	LCSD 460-86784/4	d12881.d	09/21/2011 05:48
PMP-22-VD-S (3.5-5.0)	460-30837-9	d12887.d	09/21/2011 08:13

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab File ID: j03695.d Lab Sample ID: MB 460-86112/4

Matrix: Solid Heated Purge:(Y/N) N

Instrument ID: VOAMS8 Date Analyzed: 09/15/2011 06:47

GC Column: DB-624 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-86112/3	j03691.d	09/15/2011 05:04
	LCSD 460-86112/16	j03692.d	09/15/2011 05:29
PMP-2-VD-S (3.5-4.0)	460-30837-1	j03696.d	09/15/2011 07:15
PMP-24-WT-S (6.5-8.5)	460-30837-6	j03698.d	09/15/2011 08:11
PMP-2-WT-S (8.0-8.5)	460-30837-2	j03699.d	09/15/2011 08:39
PMP-24-SI-S (10.5-12.5)	460-30837-7	j03702.d	09/15/2011 10:02
PMP-24-VS-S (1-3)	460-30837-4	j03703.d	09/15/2011 10:30
PMP-24-VD-S (4.5-6.0)	460-30837-5	j03711.d	09/15/2011 15:09
PMP-2-SI-S (10.5-11.0)	460-30837-3	j03712.d	09/15/2011 15:36

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab File ID: a67838.d Lab Sample ID: MB 460-85734/4

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: VOAMS1 Date Analyzed: 09/12/2011 08:28

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 460-85734/3	a67835.d	09/12/2011 07:13
	460-30743-B-7 MS	a67842.d	09/12/2011 10:06
	460-30743-B-7 MSD	a67843.d	09/12/2011 10:26
FB_090811	460-30837-30	a67854.d	09/12/2011 14:11
FB_090911	460-30837-31	a67855.d	09/12/2011 14:30

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab File ID: a67452.d BFB Injection Date: 08/31/2011

Instrument ID: VOAMS1 BFB Injection Time: 20:22

Analysis Batch No.: 84846

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	26.0	
75	30.0 - 60.0 % of mass 95	56.1	
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	1.1	(2.0)1
174	50.0 - 120.00 % of mass 95	58.4	
175	5.0 - 9.0 % of mass 174	4.3	(7.4)1
176	95.0 - 101.0 % of mass 174	56.9	(97.4)1
177	5.0 - 9.0 % of mass 176	3.9	(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 460-84846/2	a67456.d	08/31/2011	22:06
	ICIS 460-84846/3	a67458.d	08/31/2011	22:46
	IC 460-84846/4	a67459.d	08/31/2011	23:06
	IC 460-84846/5	a67460.d	08/31/2011	23:25
	IC 460-84846/6	a67461.d	08/31/2011	23:45
	IC 460-84846/7	a67472.d	09/01/2011	04:03

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab File ID: a67832.d BFB Injection Date: 09/12/2011

Instrument ID: VOAMS1 BFB Injection Time: 05:54

Analysis Batch No.: 85734

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	21.3	
75	30.0 - 60.0 % of mass 95	49.9	
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	0.4	(0.5)1
174	50.0 - 120.00 % of mass 95	72.3	
175	5.0 - 9.0 % of mass 174	5.9	(8.1)1
176	95.0 - 101.0 % of mass 174	68.8	(95.2)1
177	5.0 - 9.0 % of mass 176	4.6	(6.7)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 460-85734/2	a67834.d	09/12/2011	06:34
	LCS 460-85734/3	a67835.d	09/12/2011	07:13
	MB 460-85734/4	a67838.d	09/12/2011	08:28
	460-30743-B-7 MS	a67842.d	09/12/2011	10:06
	460-30743-B-7 MSD	a67843.d	09/12/2011	10:26
FB_090811	460-30837-30	a67854.d	09/12/2011	14:11
FB_090911	460-30837-31	a67855.d	09/12/2011	14:30

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab File ID: d12348.d BFB Injection Date: 09/03/2011

Instrument ID: VOAMS4 BFB Injection Time: 02:30

Analysis Batch No.: 85142

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	26.6	
75	30.0 - 60.0 % of mass 95	59.1	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.1	
173	Less than 2.0 % of mass 174	0.2	(0.2)1
174	50.0 - 120.00 % of mass 95	83.0	
175	5.0 - 9.0 % of mass 174	6.8	(8.2)1
176	95.0 - 101.0 % of mass 174	80.4	(97.0)1
177	5.0 - 9.0 % of mass 176	5.3	(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
	IC 460-85142/2	d12351.d	09/03/2011	03:40
	IC 460-85142/3	d12353.d	09/03/2011	04:27
	ICIS 460-85142/4	d12354.d	09/03/2011	04:51
	IC 460-85142/5	d12355.d	09/03/2011	05:15
	IC 460-85142/6	d12356.d	09/03/2011	05:39
	IC 460-85142/7	d12357.d	09/03/2011	06:04

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab File ID: d12659.d BFB Injection Date: 09/14/2011

Instrument ID: VOAMS4 BFB Injection Time: 04:02

Analysis Batch No.: 86004

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	25.4	
75	30.0 - 60.0 % of mass 95	58.3	
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	0.4	(0.4)1
174	50.0 - 120.00 % of mass 95	91.6	
175	5.0 - 9.0 % of mass 174	7.7	(8.4)1
176	95.0 - 101.0 % of mass 174	87.0	(95.0)1
177	5.0 - 9.0 % of mass 176	6.0	(7.0)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 460-86004/2	d12660.d	09/14/2011	04:25
	LCS 460-86004/3	d12661.d	09/14/2011	04:49
	LCSD 460-86004/4	d12662.d	09/14/2011	05:52
	MB 460-86004/5	d12664.d	09/14/2011	06:51
PMP-22-VS-S (1.5-2.0)	460-30837-8	d12676.d	09/14/2011	11:43
PMP-22-WT-S (7.0-8.5)	460-30837-10	d12677.d	09/14/2011	12:08
PMP-23-VS-S (1-3)	460-30837-11	d12678.d	09/14/2011	12:32
PMP-23-WT-S (6.5-8.5)	460-30837-12	d12679.d	09/14/2011	12:56
PMP-23-VD-S (3.5-5.0)	460-30837-13	d12680.d	09/14/2011	13:20
PMP-12-WT-S (7.0-7.5)	460-30837-16	d12682.d	09/14/2011	14:08
Dup_090811	460-30837-17	d12683.d	09/14/2011	14:32
PMP-25-VS-S (1-3)	460-30837-18	d12684.d	09/14/2011	14:56

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab File ID: d12735.d BFB Injection Date: 09/15/2011

Instrument ID: VOAMS4 BFB Injection Time: 17:45

Analysis Batch No.: 86290

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	25.6	
75	30.0 - 60.0 % of mass 95	57.0	
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	0.5	(0.6)1
174	50.0 - 120.00 % of mass 95	85.8	
175	5.0 - 9.0 % of mass 174	6.4	(7.4)1
176	95.0 - 101.0 % of mass 174	82.1	(95.6)1
177	5.0 - 9.0 % of mass 176	5.5	(6.7)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 460-86290/2	d12737.d	09/15/2011	18:34
	LCS 460-86290/23	d12739.d	09/15/2011	19:42
	LCSD 460-86290/4	d12740.d	09/15/2011	20:19
	MB 460-86290/5	d12742.d	09/15/2011	21:07
PMP-12-VS-S (0.5-1.0)	460-30837-14	d12748.d	09/15/2011	23:53
PMP-12-VD-S (2.5-3.0)	460-30837-15	d12749.d	09/16/2011	00:17
PMP-25-VD-S (3-5)	460-30837-19	d12750.d	09/16/2011	00:41
PMP-25-WT-S (7.5-9.5)	460-30837-20	d12751.d	09/16/2011	01:04
PMP-14-VS-S (0.5-1.0)	460-30837-21	d12752.d	09/16/2011	01:28
PMP-14-VD-S (2.5-3.0)	460-30837-22	d12753.d	09/16/2011	01:52
PMP-14-WT-S (7.0-7.5)	460-30837-23	d12754.d	09/16/2011	02:16
PMP-8-VS-S (0.5-1.0)	460-30837-24	d12755.d	09/16/2011	02:40
PMP-8-VD-S (2.5-3.0)	460-30837-25	d12756.d	09/16/2011	03:04
PMP-8-WT-S (7.0-7.5)	460-30837-26	d12757.d	09/16/2011	03:28

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab File ID: d12761.d BFB Injection Date: 09/16/2011

Instrument ID: VOAMS4 BFB Injection Time: 05:07

Analysis Batch No.: 86306

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	26.4	
75	30.0 - 60.0 % of mass 95	57.6	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.1	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	89.0	
175	5.0 - 9.0 % of mass 174	7.8	(8.7)1
176	95.0 - 101.0 % of mass 174	86.4	(97.0)1
177	5.0 - 9.0 % of mass 176	6.0	(7.0)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 460-86306/2	d12762.d	09/16/2011	05:54
	LCS 460-86306/3	d12764.d	09/16/2011	06:43
	LCSD 460-86306/4	d12765.d	09/16/2011	07:08
	MB 460-86306/5	d12768.d	09/16/2011	08:21
PMP-4-VS-S (0.5-1.0)	460-30837-27	d12776.d	09/16/2011	11:34
TB_090911	460-30837-32	d12779.d	09/16/2011	12:46
PMP-4-VD-S (2.5-3.0)	460-30837-28	d12780.d	09/16/2011	13:10
PMP-4-WT-S (7.0-7.5)	460-30837-29	d12781.d	09/16/2011	13:34

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab File ID: d12877.d BFB Injection Date: 09/21/2011

Instrument ID: VOAMS4 BFB Injection Time: 04:06

Analysis Batch No.: 86784

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	27.6	
75	30.0 - 60.0 % of mass 95	58.7	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.1	
173	Less than 2.0 % of mass 174	0.3	(0.3)1
174	50.0 - 120.00 % of mass 95	87.0	
175	5.0 - 9.0 % of mass 174	6.3	(7.3)1
176	95.0 - 101.0 % of mass 174	83.3	(95.7)1
177	5.0 - 9.0 % of mass 176	5.5	(6.7)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 460-86784/2	d12878.d	09/21/2011	04:36
	LCS 460-86784/3	d12880.d	09/21/2011	05:24
	LCSD 460-86784/4	d12881.d	09/21/2011	05:48
	MB 460-86784/5	d12884.d	09/21/2011	07:02
PMP-22-VD-S (3.5-5.0)	460-30837-9	d12887.d	09/21/2011	08:13

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab File ID: j03625.d BFB Injection Date: 09/13/2011

Instrument ID: VOAMS8 BFB Injection Time: 18:49

Analysis Batch No.: 85995

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.8	
75	30.0 - 60.0 % of mass 95	46.8	
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	73.7	
175	5.0 - 9.0 % of mass 174	5.5	(7.5)1
176	95.0 - 101.0 % of mass 174	71.6	(97.2)1
177	5.0 - 9.0 % of mass 176	4.5	(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 460-85995/2	j03628.d	09/13/2011	22:50
	IC 460-85995/3	j03635.d	09/14/2011	01:50
	ICIS 460-85995/4	j03636.d	09/14/2011	02:15
	IC 460-85995/5	j03637.d	09/14/2011	02:40
	IC 460-85995/6	j03638.d	09/14/2011	03:48
	IC 460-85995/7	j03643.d	09/14/2011	06:22

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab File ID: j03689.d BFB Injection Date: 09/15/2011

Instrument ID: VOAMS8 BFB Injection Time: 04:12

Analysis Batch No.: 86112

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	19.9	
75	30.0 - 60.0 % of mass 95	44.1	
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	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	70.5	
175	5.0 - 9.0 % of mass 174	5.0	(7.1)1
176	95.0 - 101.0 % of mass 174	70.8	(100.4)1
177	5.0 - 9.0 % of mass 176	4.1	(5.8)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 460-86112/2	j03690.d	09/15/2011	04:39
	LCS 460-86112/3	j03691.d	09/15/2011	05:04
	LCSD 460-86112/16	j03692.d	09/15/2011	05:29
	MB 460-86112/4	j03695.d	09/15/2011	06:47
PMP-2-VD-S (3.5-4.0)	460-30837-1	j03696.d	09/15/2011	07:15
PMP-24-WT-S (6.5-8.5)	460-30837-6	j03698.d	09/15/2011	08:11
PMP-2-WT-S (8.0-8.5)	460-30837-2	j03699.d	09/15/2011	08:39
PMP-24-SI-S (10.5-12.5)	460-30837-7	j03702.d	09/15/2011	10:02
PMP-24-VS-S (1-3)	460-30837-4	j03703.d	09/15/2011	10:30
PMP-24-VD-S (4.5-6.0)	460-30837-5	j03711.d	09/15/2011	15:09
PMP-2-SI-S (10.5-11.0)	460-30837-3	j03712.d	09/15/2011	15:36

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Sample No.: CCVIS 460-85734/2 Date Analyzed: 09/12/2011 06:34

Instrument ID: VOAMS1 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): a67834.d Heated Purge: (Y/N) N

Calibration ID: 12079

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		560638	4.42	385859	6.96	227003	8.50
UPPER LIMIT		1121276	4.92	771718	7.46	454006	9.00
LOWER LIMIT		280319	3.92	192930	6.46	113502	8.00
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-85734/3		638025	4.42	436538	6.96	252179	8.50
MB 460-85734/4		628562	4.42	439688	6.96	257146	8.50
460-30743-B-7 MS		619119	4.42	432175	6.96	248633	8.50
460-30743-B-7 MSD		609572	4.42	426500	6.96	244347	8.50
460-30837-30	FB_090811	592325	4.42	413089	6.96	235709	8.51
460-30837-31	FB_090911	570125	4.42	401121	6.95	228023	8.52

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.: 460-30837-1

SDG No.:

Sample No.: CCVIS 460-86004/2 Date Analyzed: 09/14/2011 04:25

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): d12660.d Heated Purge: (Y/N) Y

Calibration ID: 12103

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		441327	4.66	312684	8.04	194147	9.99
UPPER LIMIT		882654	5.16	625368	8.54	388294	10.49
LOWER LIMIT		220664	4.16	156342	7.54	97074	9.49
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-86004/3		418066	4.66	299649	8.04	177875	9.99
LCSD 460-86004/4		428695	4.66	308736	8.04	185401	9.99
MB 460-86004/5		389004	4.66	268706	8.04	149635	9.99
460-30837-8	PMP-22-VS-S (1.5-2.0)	386015	4.66	273447	8.04	147715	9.99
460-30837-10	PMP-22-WT-S (7.0-8.5)	375811	4.66	263003	8.04	155857	9.99
460-30837-11	PMP-23-VS-S (1-3)	361679	4.66	258840	8.04	145154	9.99
460-30837-12	PMP-23-WT-S (6.5-8.5)	363755	4.67	264665	8.04	157563	9.99
460-30837-13	PMP-23-VD-S (3.5-5.0)	382248	4.66	275370	8.04	157620	9.99
460-30837-16	PMP-12-WT-S (7.0-7.5)	366819	4.67	260117	8.04	158000	9.99
460-30837-17	Dup_090811	339030	4.67	241546	8.04	139994	9.99
460-30837-18	PMP-25-VS-S (1-3)	350452	4.66	242584	8.04	133933	9.99

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.: 460-30837-1

SDG No.:

Sample No.: CCVIS 460-86290/2 Date Analyzed: 09/15/2011 18:34

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): d12737.d Heated Purge: (Y/N) Y

Calibration ID: 12103

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		541839	4.66	380276	8.04	213524	9.99
UPPER LIMIT		1083678	5.16	760552	8.54	427048	10.49
LOWER LIMIT		270920	4.16	190138	7.54	106762	9.49
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-86290/23		532393	4.66	364020	8.03	204544	9.99
LCSD 460-86290/4		571261	4.66	378401	8.03	206727	9.99
MB 460-86290/5		476147	4.65	335348	8.03	186136	9.99
460-30837-14	PMP-12-VS-S (0.5-1.0)	429164	4.65	278462	8.03	143576	9.99
460-30837-15	PMP-12-VD-S (2.5-3.0)	406816	4.65	279068	8.03	162033	9.99
460-30837-19	PMP-25-VD-S (3-5)	406209	4.65	282331	8.03	159886	9.99
460-30837-20	PMP-25-WT-S (7.5-9.5)	362251	4.65	249309	8.03	139919	9.99
460-30837-21	PMP-14-VS-S (0.5-1.0)	399047	4.65	268181	8.03	145498	9.98
460-30837-22	PMP-14-VD-S (2.5-3.0)	378708	4.65	261747	8.03	145697	9.98
460-30837-23	PMP-14-WT-S (7.0-7.5)	374277	4.65	257915	8.03	147300	9.98
460-30837-24	PMP-8-VS-S (0.5-1.0)	353576	4.65	244134	8.03	122093	9.98
460-30837-25	PMP-8-VD-S (2.5-3.0)	354838	4.65	254772	8.03	131664	9.98
460-30837-26	PMP-8-WT-S (7.0-7.5)	365769	4.65	256936	8.03	146012	9.98

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.: 460-30837-1

SDG No.:

Sample No.: CCVIS 460-86306/2 Date Analyzed: 09/16/2011 05:54

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): d12762.d Heated Purge: (Y/N) Y

Calibration ID: 12103

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		401087	4.65	278324	8.03	164660	9.98
UPPER LIMIT		802174	5.15	556648	8.53	329320	10.48
LOWER LIMIT		200544	4.15	139162	7.53	82330	9.48
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-86306/3		407678	4.65	287070	8.03	168578	9.98
LCSD 460-86306/4		420477	4.64	285630	8.02	167266	9.98
MB 460-86306/5		362108	4.64	260131	8.02	144809	9.98
460-30837-27	PMP-4-VS-S (0.5-1.0)	485825	4.65	336468	8.02	163796	9.98
460-30837-32	TB_090911	528276	4.64	359295	8.02	205509	9.98
460-30837-28	PMP-4-VD-S (2.5-3.0)	535922	4.64	363579	8.02	205649	9.98
460-30837-29	PMP-4-WT-S (7.0-7.5)	534703	4.64	365017	8.02	204809	9.98

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.: 460-30837-1

SDG No.:

Sample No.: CCVIS 460-86784/2 Date Analyzed: 09/21/2011 04:36

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): d12878.d Heated Purge: (Y/N) Y

Calibration ID: 12103

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		455151	4.64	330655	8.03	191482	9.98
UPPER LIMIT		910302	5.14	661310	8.53	382964	10.48
LOWER LIMIT		227576	4.14	165328	7.53	95741	9.48
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-86784/3		412160	4.65	299381	8.03	174336	9.98
LCSD 460-86784/4		414695	4.65	297655	8.03	175237	9.98
MB 460-86784/5		405932	4.65	281640	8.03	161974	9.98
460-30837-9	PMP-22-VD-S (3.5-5.0)	405257	4.65	274540	8.03	154354	9.98

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.: 460-30837-1

SDG No.:

Sample No.: CCVIS 460-86112/2 Date Analyzed: 09/15/2011 04:39

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53(mm)

Lab File ID (Standard): j03690.d Heated Purge: (Y/N) N

Calibration ID: 12190

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		2682004	7.86	1841710	11.33	844453	13.76
UPPER LIMIT		5364008	8.36	3683420	11.83	1688906	14.26
LOWER LIMIT		1341002	7.36	920855	10.83	422227	13.26
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-86112/3		2463067	7.89	1792160	11.34	820657	13.77
LCSD 460-86112/16		2366790	7.88	1707001	11.34	805616	13.77
MB 460-86112/4		2552495	7.89	1883379	11.34	832053	13.77
460-30837-1	PMP-2-VD-S (3.5-4.0)	2497826	7.89	1875709	11.35	892422	13.77
460-30837-6	PMP-24-WT-S (6.5-8.5)	2390712	7.90	1773536	11.34	856866	13.78
460-30837-2	PMP-2-WT-S (8.0-8.5)	2477880	7.89	1848483	11.34	872199	13.78
460-30837-7	PMP-24-SI-S (10.5-12.5)	2364930	7.88	1714455	11.33	767248	13.76
460-30837-4	PMP-24-VS-S (1-3)	2231331	7.87	1656511	11.33	837496	13.76
460-30837-5	PMP-24-VD-S (4.5-6.0)	2580458	7.89	1933693	11.33	827562	13.77
460-30837-3	PMP-2-SI-S (10.5-11.0)	2528739	7.88	1904473	11.34	858598	13.76

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.: 460-30837-1

SDG No.:

Client Sample ID: PMP-2-VD-S (3.5-4.0) | Lab Sample ID: 460-30837-1

Matrix: Solid | Lab File ID: j03696.d

Analysis Method: 8260B | Date Collected: 09/08/2011 16:15

Sample wt/vol: 9.66(g) | Date Analyzed: 09/15/2011 07:15

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 6.1 | Level: (low/med) Medium

Analysis Batch No.: 86112 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	28	U	28	5.8
74-83-9	Bromomethane	28	U	28	8.7
75-01-4	Vinyl chloride	28	U	28	3.3
75-00-3	Chloroethane	28	U	28	12
75-09-2	Methylene Chloride	28	U	28	5.3
67-64-1	Acetone	280	U	280	68
75-15-0	Carbon disulfide	28	U *	28	4.0
75-69-4	Trichlorofluoromethane	28	U	28	4.3
75-35-4	1,1-Dichloroethene	28	U	28	3.9
75-34-3	1,1-Dichloroethane	28	U	28	2.8
156-60-5	trans-1,2-Dichloroethene	28	U	28	3.8
156-59-2	cis-1,2-Dichloroethene	28	U	28	5.3
67-66-3	Chloroform	28	U	28	4.3
78-93-3	2-Butanone	280	U	280	23
107-06-2	1,2-Dichloroethane	28	U	28	6.8
71-55-6	1,1,1-Trichloroethane	28	U	28	6.8
56-23-5	Carbon tetrachloride	28	U	28	5.0
71-43-2	Benzene	28	U	28	3.3
75-25-2	Bromoform	28	U	28	2.7
100-42-5	Styrene	28	U	28	3.8
100-41-4	Ethylbenzene	28	U	28	6.8
108-90-7	Chlorobenzene	28	U	28	4.6
110-82-7	Cyclohexane	28	U	28	3.4
98-82-8	Isopropylbenzene	28	U	28	5.8
591-78-6	2-Hexanone	280	U	280	15
1634-04-4	MTBE	28	U	28	5.1
76-13-1	Freon TF	28	U	28	7.9
79-20-9	Methyl acetate	55	U	55	9.1
123-91-1	1,4-Dioxane	1400	U	1400	230
79-01-6	Trichloroethene	28	U	28	4.9
108-88-3	Toluene	28	U	28	2.6
10061-02-6	trans-1,3-Dichloropropene	28	U	28	3.4
108-10-1	4-Methyl-2-pentanone	280	U	280	19
10061-01-5	cis-1,3-Dichloropropene	28	U	28	2.8
95-50-1	1,2-Dichlorobenzene	60		28	4.5
541-73-1	1,3-Dichlorobenzene	47		28	6.2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-2-VD-S (3.5-4.0) | Lab Sample ID: 460-30837-1

Matrix: Solid | Lab File ID: j03696.d

Analysis Method: 8260B | Date Collected: 09/08/2011 16:15

Sample wt/vol: 9.66(g) | Date Analyzed: 09/15/2011 07:15

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 6.1 | Level: (low/med) Medium

Analysis Batch No.: 86112 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	190		28	4.2
120-82-1	1,2,4-Trichlorobenzene	690		28	12
87-61-6	1,2,3-Trichlorobenzene	89		28	23
78-87-5	1,2-Dichloropropane	28	U	28	2.4
108-87-2	Methylcyclohexane	28	U	28	2.2
127-18-4	Tetrachloroethene	28	U	28	5.4
1330-20-7	Xylenes, Total	83	U	83	12
96-12-8	1,2-Dibromo-3-Chloropropane	28	U	28	4.2
79-34-5	1,1,2,2-Tetrachloroethane	28	U	28	2.4
79-00-5	1,1,2-Trichloroethane	28	U	28	2.7
124-48-1	Dibromochloromethane	28	U	28	2.8
106-93-4	1,2-Dibromoethane	28	U	28	2.5
75-71-8	Dichlorodifluoromethane	28	U	28	7.8
74-97-5	Bromochloromethane	28	U	28	4.8
75-27-4	Bromodichloromethane	28	U	28	2.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	127		57-135
2037-26-5	Toluene-d8 (Surr)	120		46-130
460-00-4	Bromofluorobenzene	124		50-124

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-2-VD-S (3.5-4.0) Lab Sample ID: 460-30837-1

Matrix: Solid Lab File ID: j03696.d

Analysis Method: 8260B Date Collected: 09/08/2011 16:15

Sample wt/vol: 9.66(g) Date Analyzed: 09/15/2011 07:15

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.53(mm)

% Moisture: 6.1 Level: (low/med) Medium

Analysis Batch No.: 86112 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 10110

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Decahydronaphthalene isomer	14.19	1100	J
	Unknown-2	14.78	1100	J
	Decahydromethylnaphthalene isomer	14.97	960	J
	Decahydromethylnaphthalene isomer-1	15.26	1600	J
	Coeluting Aromatics	15.75	880	J
	Unknown-3	16.07	980	J
	Unknown-4	16.33	950	J
	Unknown-5	16.85	1000	J
	Unknown-6	17.02	810	J
	Unknown-7	17.54	730	J

Data File: /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03696.d
Report Date: 16-Sep-2011 10:25

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03696.d
Lab Smp Id: 460-30837-C-1-A Client Smp ID: PMP-2-VD-S (3.5-4.0
Inj Date : 15-SEP-2011 07:15
Operator : Inst ID: VOAMS8.i
Smp Info : 460-30837-C-1-A;50;;9.66;5
Misc Info : 460-30837-C-1-A
Comment   :
Method   : /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/8260_09.m
Meth Date : 15-Sep-2011 04:53 audberto Quant Type: ISTD
Cal Date : 14-SEP-2011 06:22 Cal File: j03643.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	5.00000	Volume of final extract (mL)
Ws	9.66000	Weight of sample extracted (g)
M	6.14203	% 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	7.485	7.452	(0.948)	946664	63.6318	1800
* 52 Fluorobenzene	96	7.893	7.862	(1.000)	2497826	50.0000	
$ 65 Toluene-d8 (SUR)	98	9.752	9.730	(0.860)	2545455	60.1700	1600
* 78 Chlorobenzene-d5	117	11.346	11.328	(1.000)	1875709	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	12.534	12.529	(0.910)	1251699	62.1684	1700(R)
97 1,3,5-Trimethylbenzene	105	12.938	12.920	(0.939)	36472	0.98669	27(a)
101 1,2,4-Trimethylbenzene	105	13.350	13.332	(0.969)	35485	0.90767	25(a)
105 1,3-Dichlorobenzene	146	13.699	13.698	(0.995)	43525	1.69744	47
* 108 1,4-Dichlorobenzene-d4	152	13.773	13.760	(1.000)	892422	50.0000	
109 1,4-Dichlorobenzene	146	13.800	13.797	(1.002)	221873	6.81483	190
111 1,2-Dichlorobenzene	146	14.258	14.238	(1.035)	59850	2.16472	60
114 1,2,4-Trichlorobenzene	180	16.407	16.393	(1.191)	341270	25.1405	690
117 1,2,3-Trichlorobenzene	180	17.264	17.269	(1.253)	49783	3.23591	89

Data File: /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03696.d
Report Date: 16-Sep-2011 10:25

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03696.d
Report Date: 16-Sep-2011 10:25

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03696.d
Lab Smp Id: 460-30837-C-1-A Client Smp ID: PMP-2-VD-S (3.5-4.0
Inj Date : 15-SEP-2011 07:15
Operator : Inst ID: VOAMS8.i
Smp Info : 460-30837-C-1-A;50;;9.66;5
Misc Info : 460-30837-C-1-A
Comment   :
Method   : /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/8260_09.m
Meth Date : 15-Sep-2011 04:53 audberto Quant Type: ISTD
Cal Date : 14-SEP-2011 06:22 Cal File: j03643.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	5.00000	Volume of final extract (mL)
Ws	9.66000	Weight of sample extracted (g)
M	6.14203	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 78 Chlorobenzene-d5	11.346	5733307	50.000
* 108 1,4-Dichlorobenzene-d4	13.773	6020357	50.000

	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane					CAS #:		
12.188	868010	7.56988828	210	0		0	78
Unknown					CAS #:		
13.561	949309	7.88415694	220	0		0	108

Data File: /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03696.d
Report Date: 16-Sep-2011 10:25

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Decahydronaphthalene isomer					CAS #:		
14.193	4998102	41.5100118	1100	0		0	108(L)
C11H22 Cycloalkane					CAS #:		
14.387	2359943	19.5996927	540	0		0	108
Unknown-1					CAS #:		
14.543	1672133	13.8873260	380	0		0	108
Unknown-2					CAS #:		
14.783	4803580	39.8944766	1100	0		0	108
Decahydromethylnaphthalene isomer					CAS #:		
14.967	4193772	34.8299209	960	0		0	108
Decahydromethylnaphthalene isomer-1					CAS #:		
15.258	7202309	59.8162867	1600	0		0	108
C11H16 Aromatic					CAS #:		
15.587	832557	6.91451816	190	0		0	108
Coeluting Aromatics					CAS #:		
15.751	3864515	32.0953969	880	0		0	108
Unknown-3					CAS #:		
16.071	4286467	35.5997712	980	0		0	108
Unknown-4					CAS #:		
16.335	4146284	34.4355286	950	0		0	108
Unknown-5					CAS #:		
16.850	4364444	36.2473803	1000	0		0	108
Unknown-6					CAS #:		
17.016	3546560	29.4547246	810	0		0	108
Unknown-7					CAS #:		
17.536	3195492	26.5390514	730	0		0	108
Unknown-8					CAS #:		
17.781	2443189	20.2910599	560	0		0	108
Unknown-9					CAS #:		
18.261	1849938	15.3640197	420	0		0	108

Data File: /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03696.d
Report Date: 16-Sep-2011 10:25

QC Flag Legend

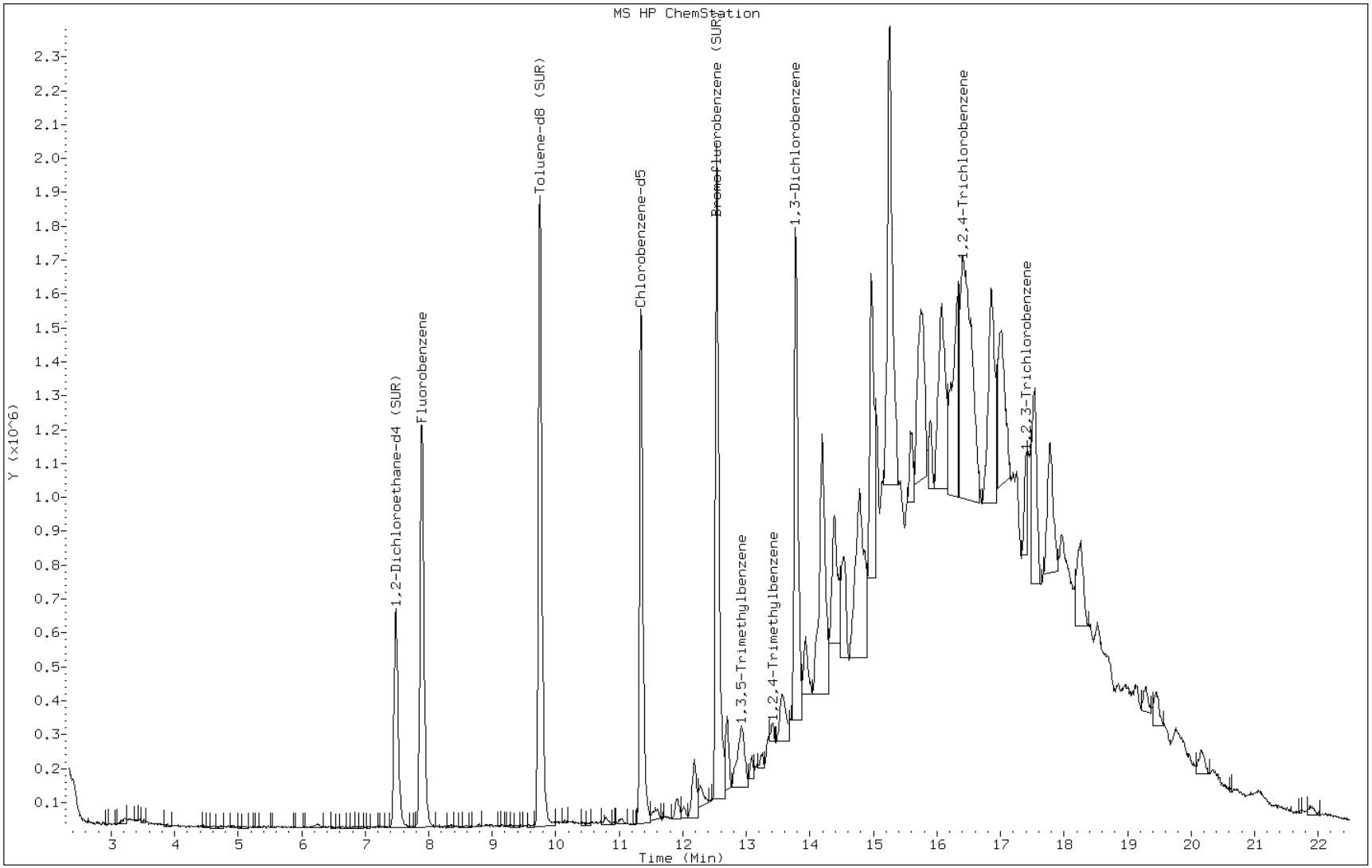
L - Operator selected an alternate library search match.

Data File: j03696.d

Date: 15-SEP-2011 07:15

Client ID: PMP-2-VD-S (3.5-4.0 Instrument: VOAMS8.i

Sample Info: 460-30837-C-1-A;50;;9.66;5 Operator:



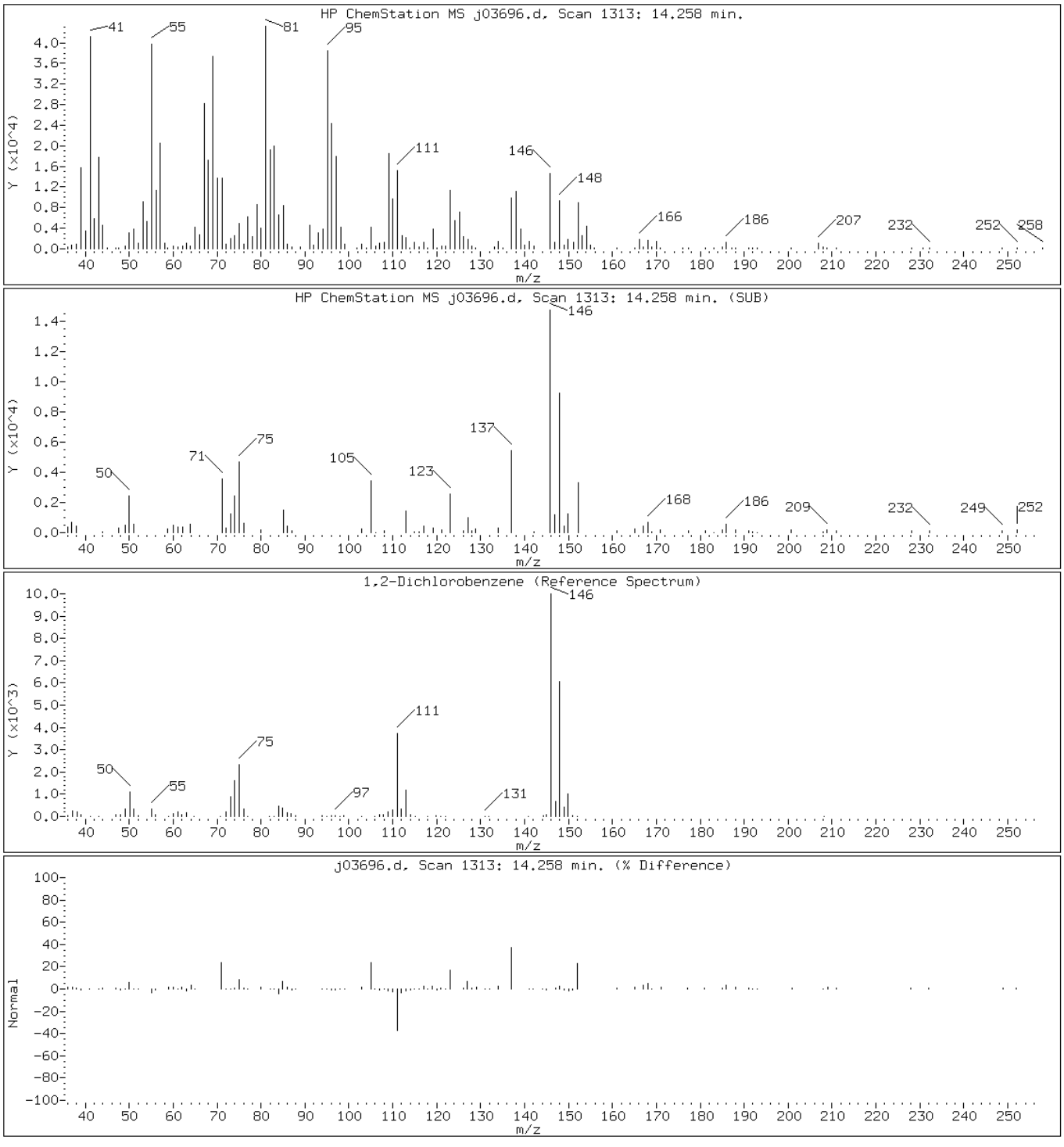
Data File: j03696.d

Date: 15-SEP-2011 07:15

Client ID: PMP-2-VD-S (3.5-4.0 Instrument: VOAMS8.i

Sample Info: 460-30837-C-1-A;50;;9.66;5 Operator:

111 1,2-Dichlorobenzene



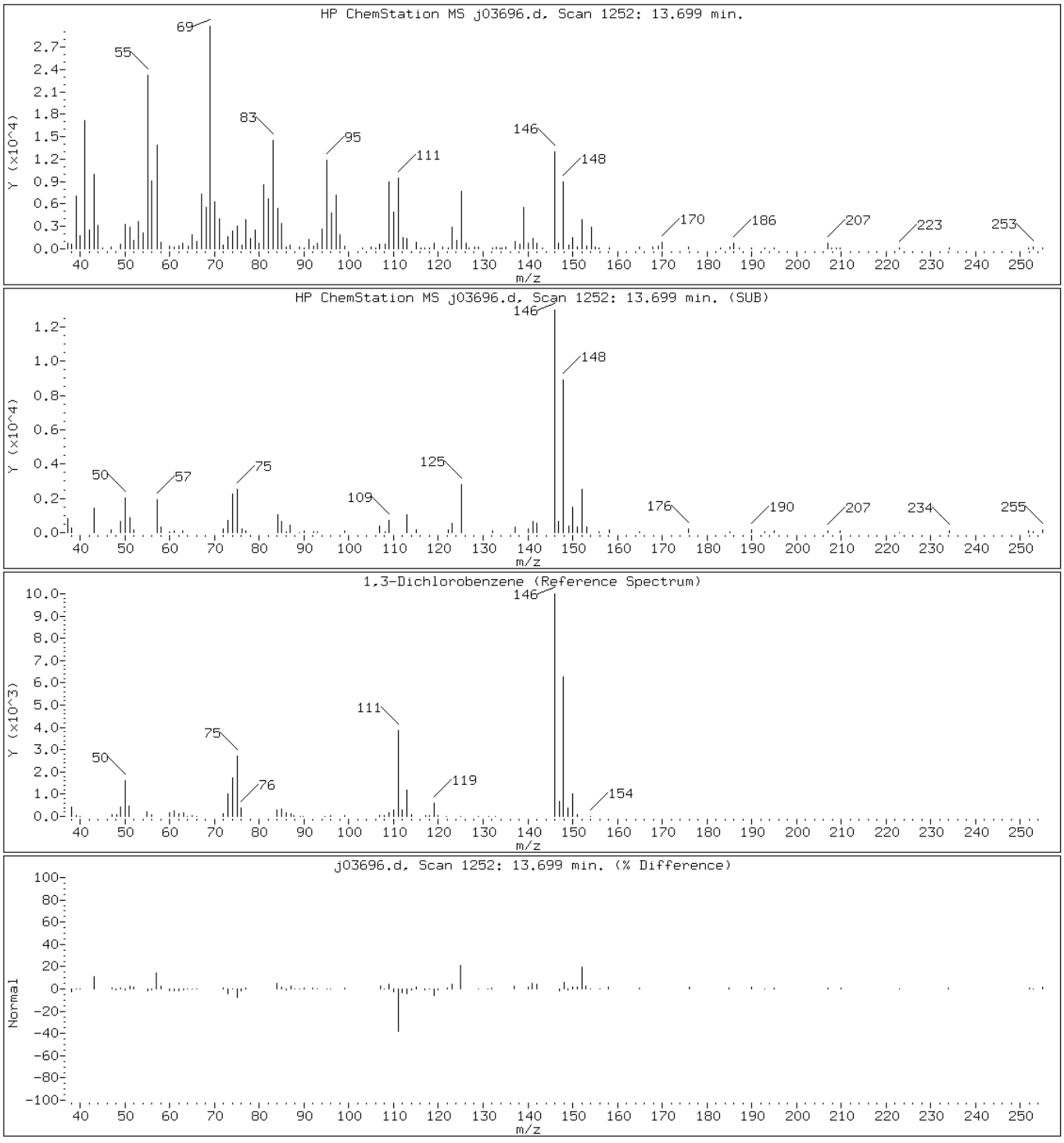
Data File: j03696.d

Date: 15-SEP-2011 07:15

Client ID: PMP-2-VD-S (3.5-4.0 Instrument: VOAMS8.i

Sample Info: 460-30837-C-1-A;50;;9.66;5 Operator:

105 1,3-Dichlorobenzene



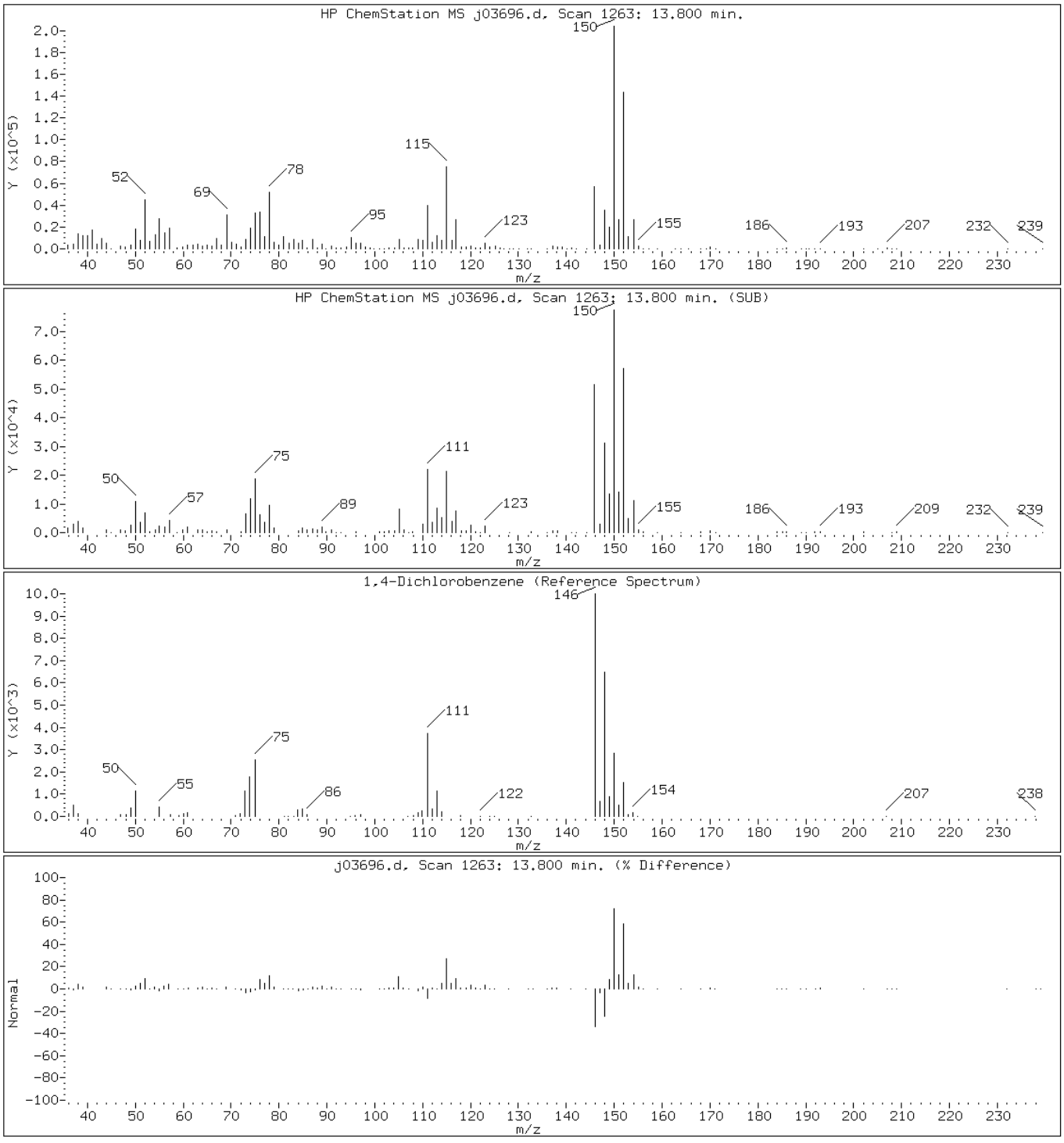
Data File: j03696.d

Date: 15-SEP-2011 07:15

Client ID: PMP-2-VD-S (3.5-4.0 Instrument: VOAMS8.i

Sample Info: 460-30837-C-1-A;50;;9.66;5 Operator:

109 1,4-Dichlorobenzene



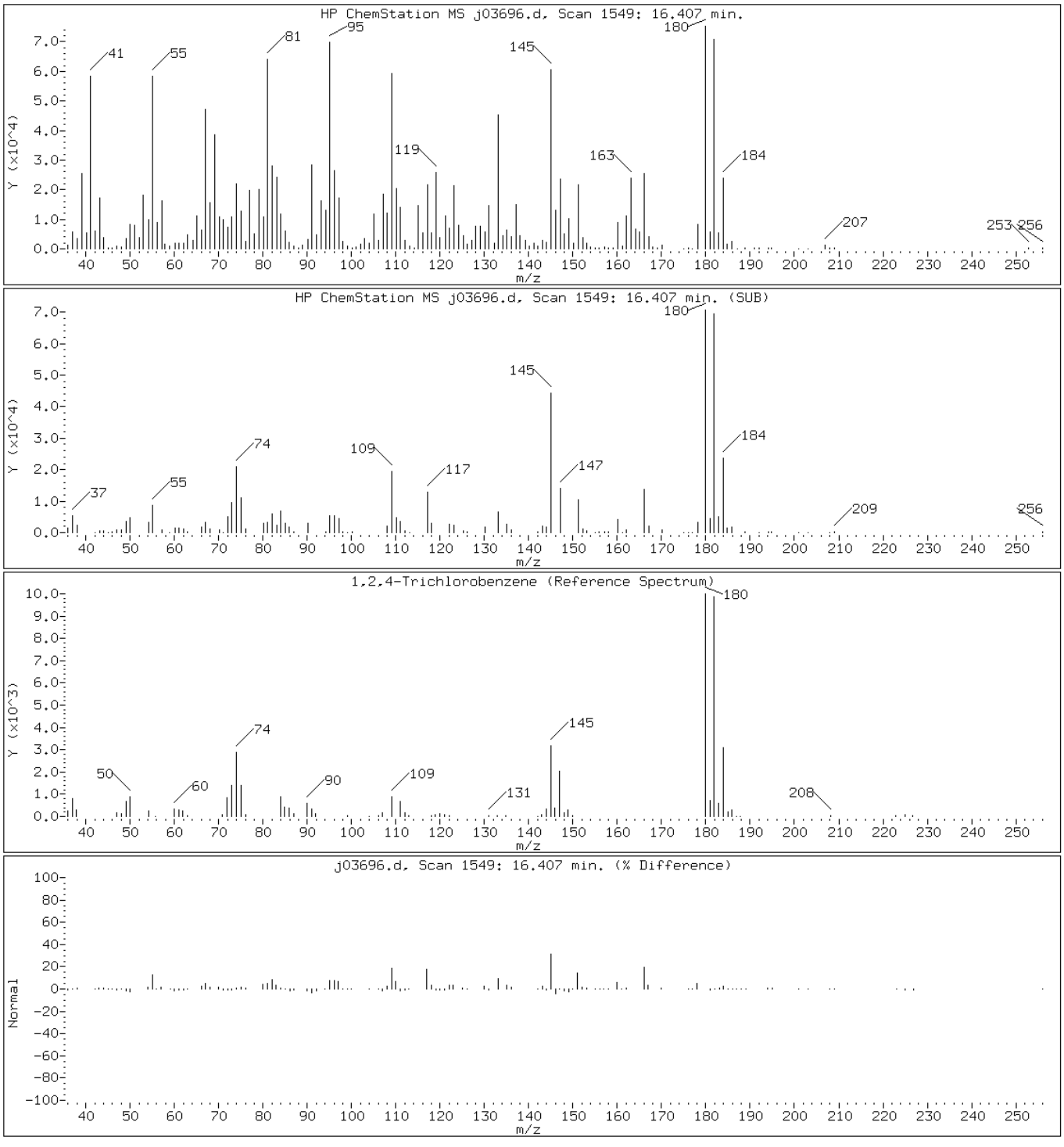
Data File: j03696.d

Date: 15-SEP-2011 07:15

Client ID: PMP-2-VD-S (3.5-4.0 Instrument: VOAMS8.i

Sample Info: 460-30837-C-1-A;50;;9.66;5 Operator:

114 1,2,4-Trichlorobenzene



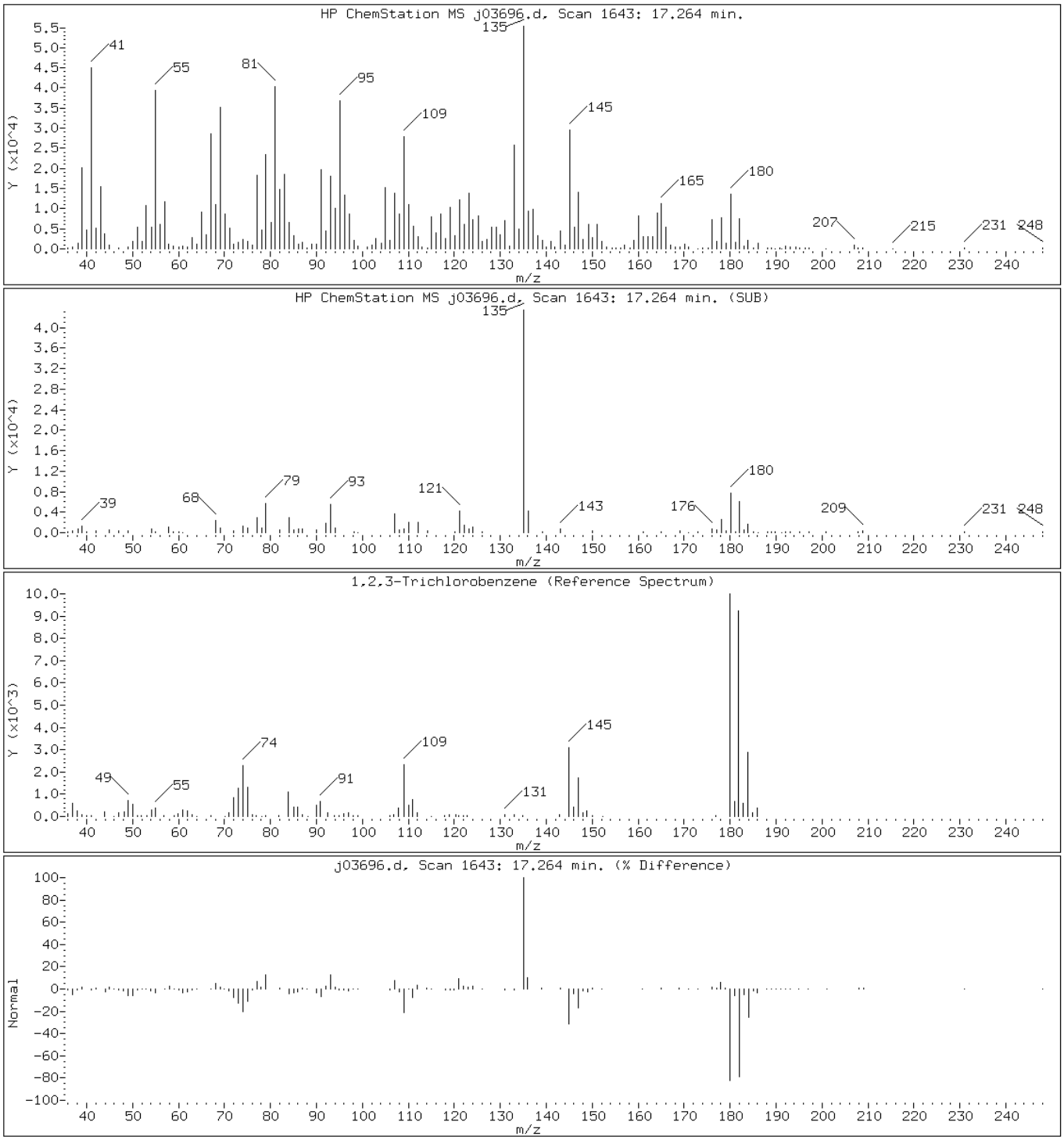
Data File: j03696.d

Date: 15-SEP-2011 07:15

Client ID: PMP-2-VD-S (3.5-4.0 Instrument: VOAMS8.i

Sample Info: 460-30837-C-1-A;50;;9.66;5 Operator:

117 1,2,3-Trichlorobenzene



Data File: j03696.d

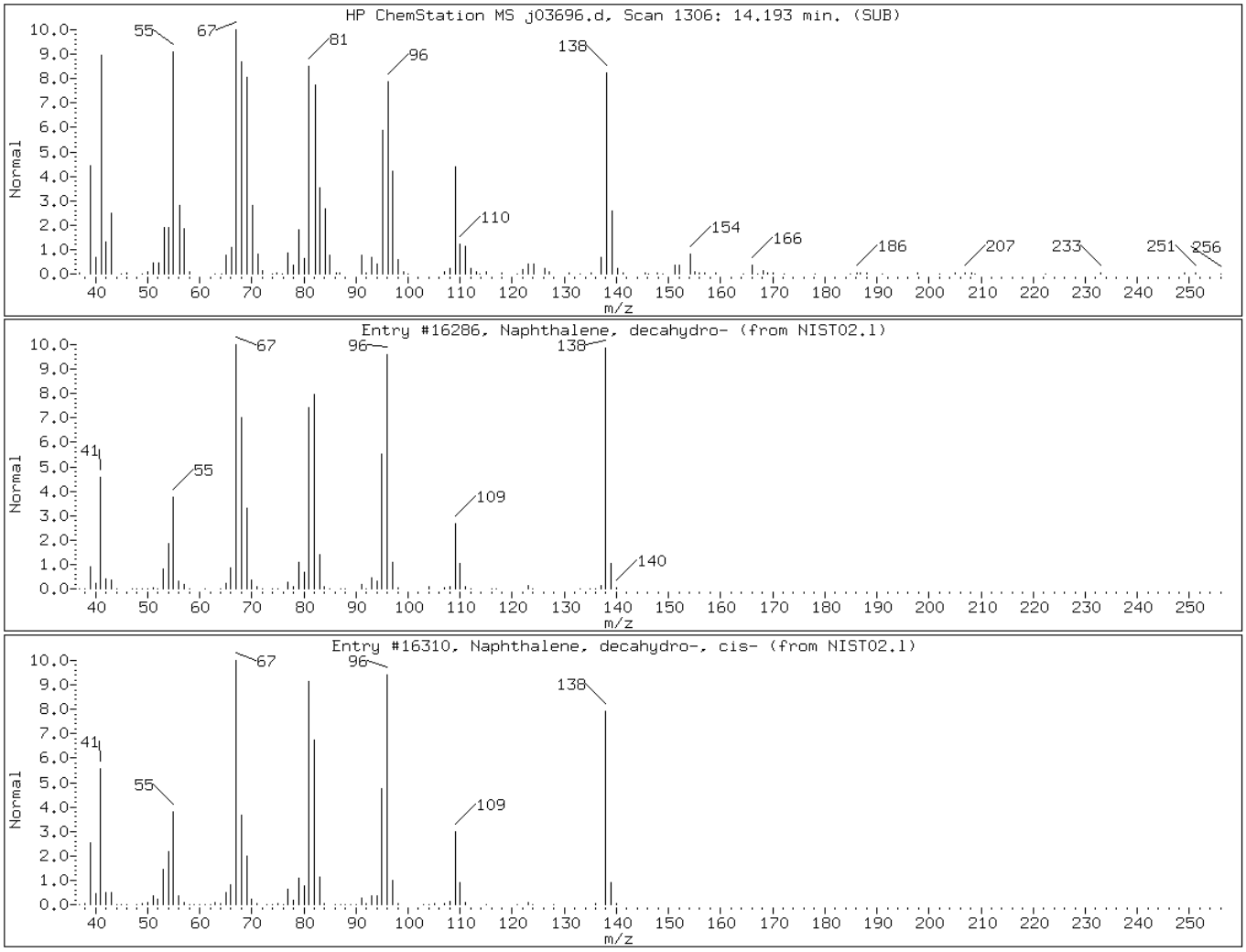
Date: 15-SEP-2011 07:15

Client ID: PMP-2-VD-S (3.5-4.0 Instrument: VOAMS8.i

Sample Info: 460-30837-C-1-A;50;;9.66;5 Operator:

Retention Time: 14.19

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydronaphthalene isomer						
Naphthalene, decahydro-	91-17-8	NIST02.l	16286	96	C10H18	138
Naphthalene, decahydro-, cis-	493-01-6	NIST02.l	16310	94	C10H18	138



Data File: j03696.d

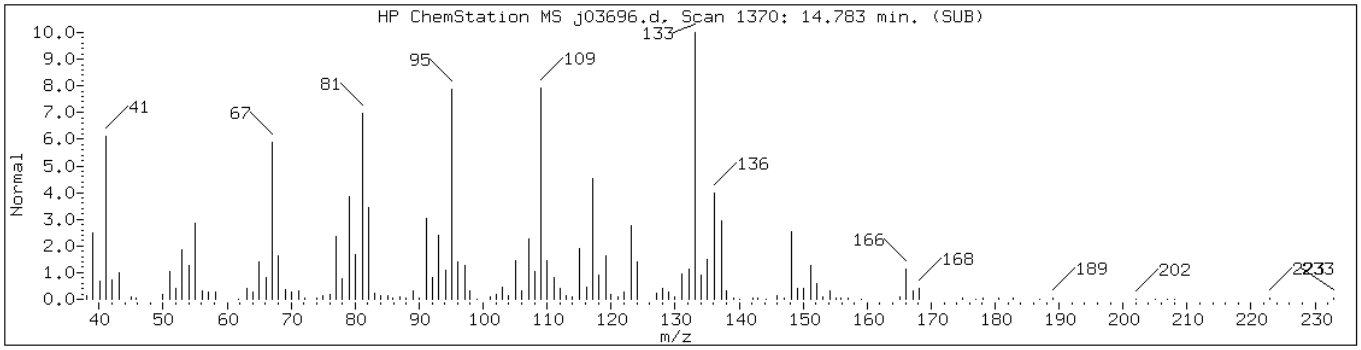
Date: 15-SEP-2011 07:15

Client ID: PMP-2-VD-S (3.5-4.0 Instrument: VOAMS8.i

Sample Info: 460-30837-C-1-A;50;;9.66;5 Operator:

Retention Time: 14.78

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
Unknown						



Data File: j03696.d

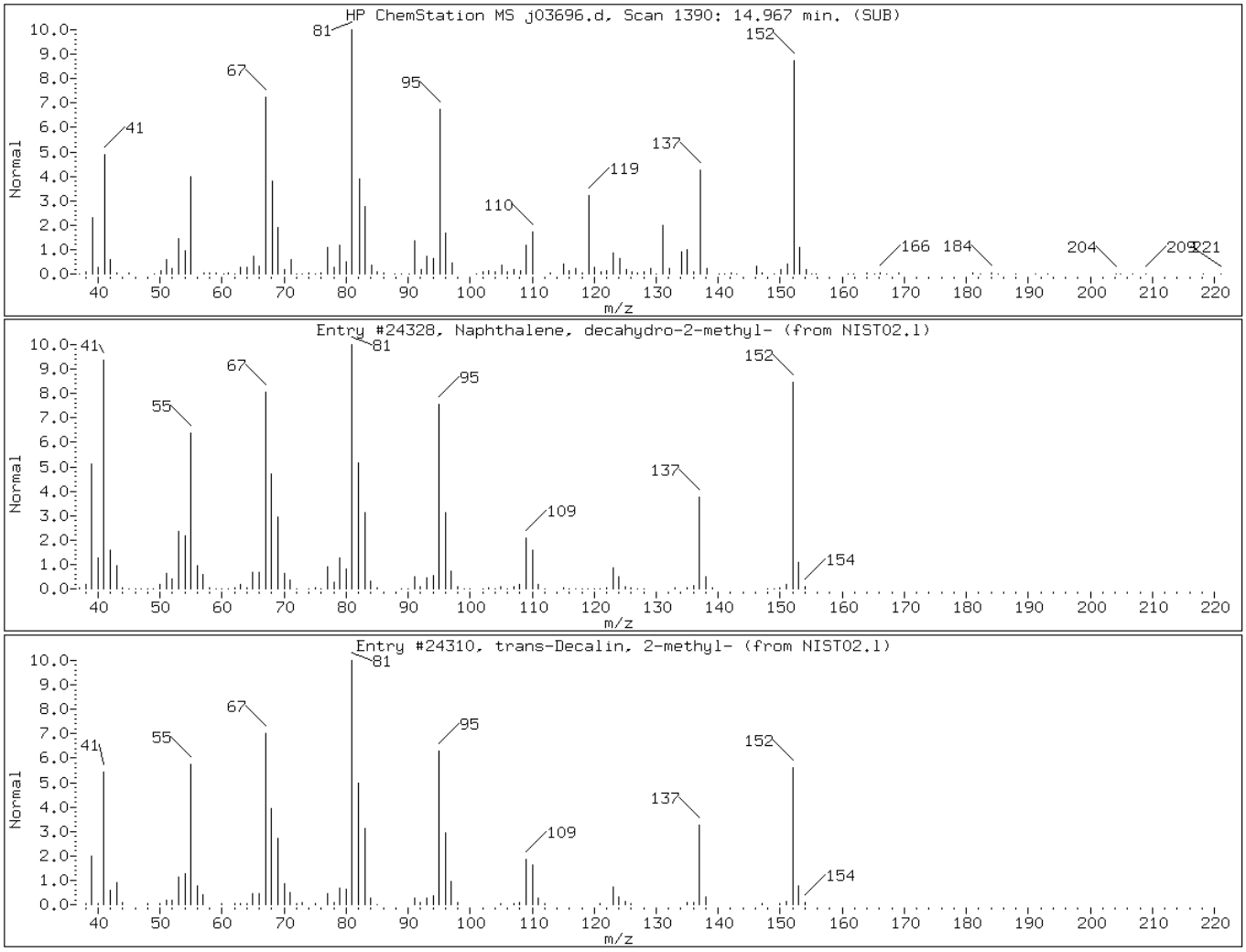
Date: 15-SEP-2011 07:15

Client ID: PMP-2-VD-S (3.5-4.0 Instrument: VOAMS8.i

Sample Info: 460-30837-C-1-A;50;;9.66;5 Operator:

Retention Time: 14.97

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
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.l	24310	87	C11H20	152



Data File: j03696.d

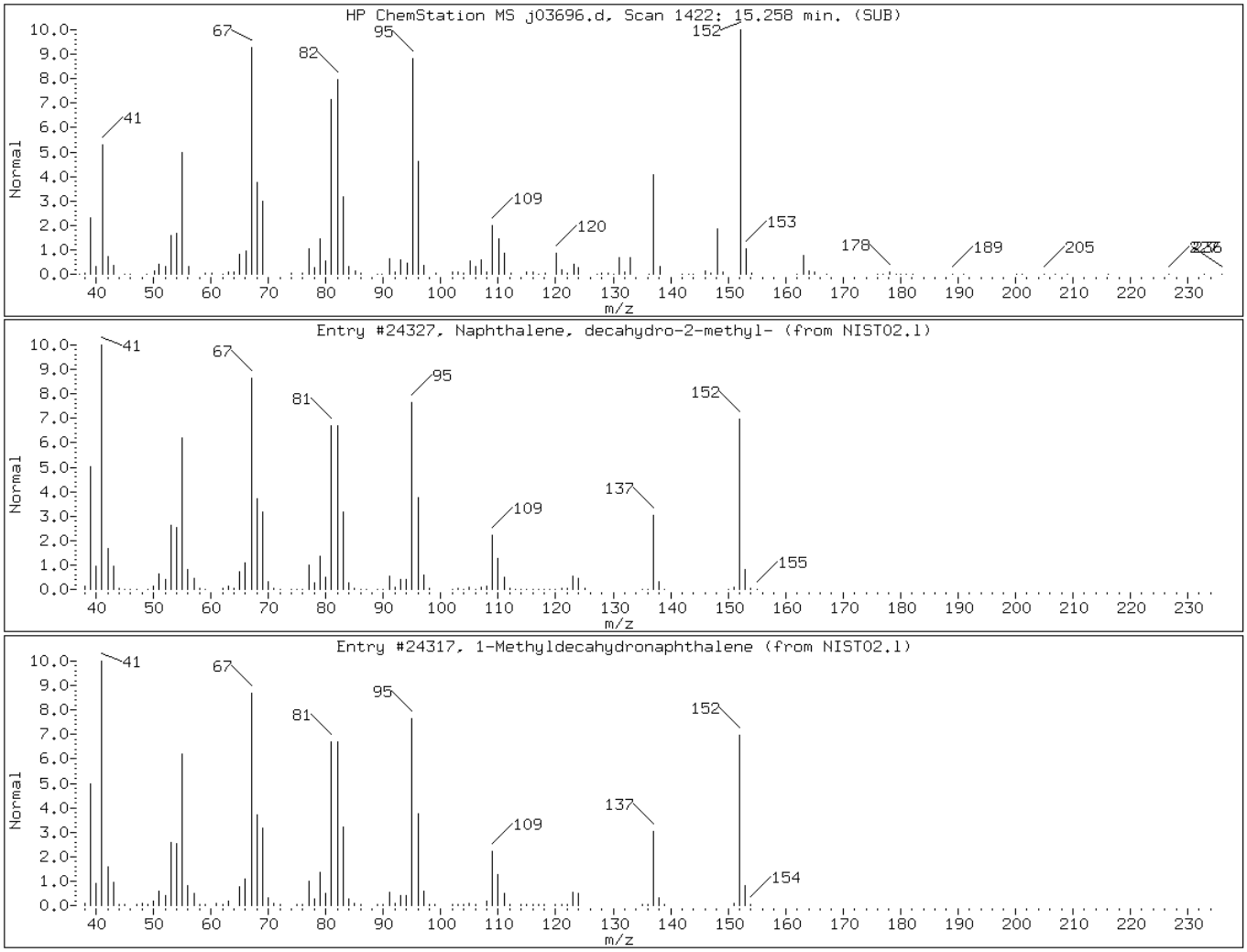
Date: 15-SEP-2011 07:15

Client ID: PMP-2-VD-S (3.5-4.0 Instrument: VOAMS8.i

Sample Info: 460-30837-C-1-A;50;;9.66;5 Operator:

Retention Time: 15.26

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer-						
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24327	93	C11H20	152
1-Methyldecahydronaphthalene	2958-75-0	NIST02.l	24317	87	C11H20	152



Data File: j03696.d

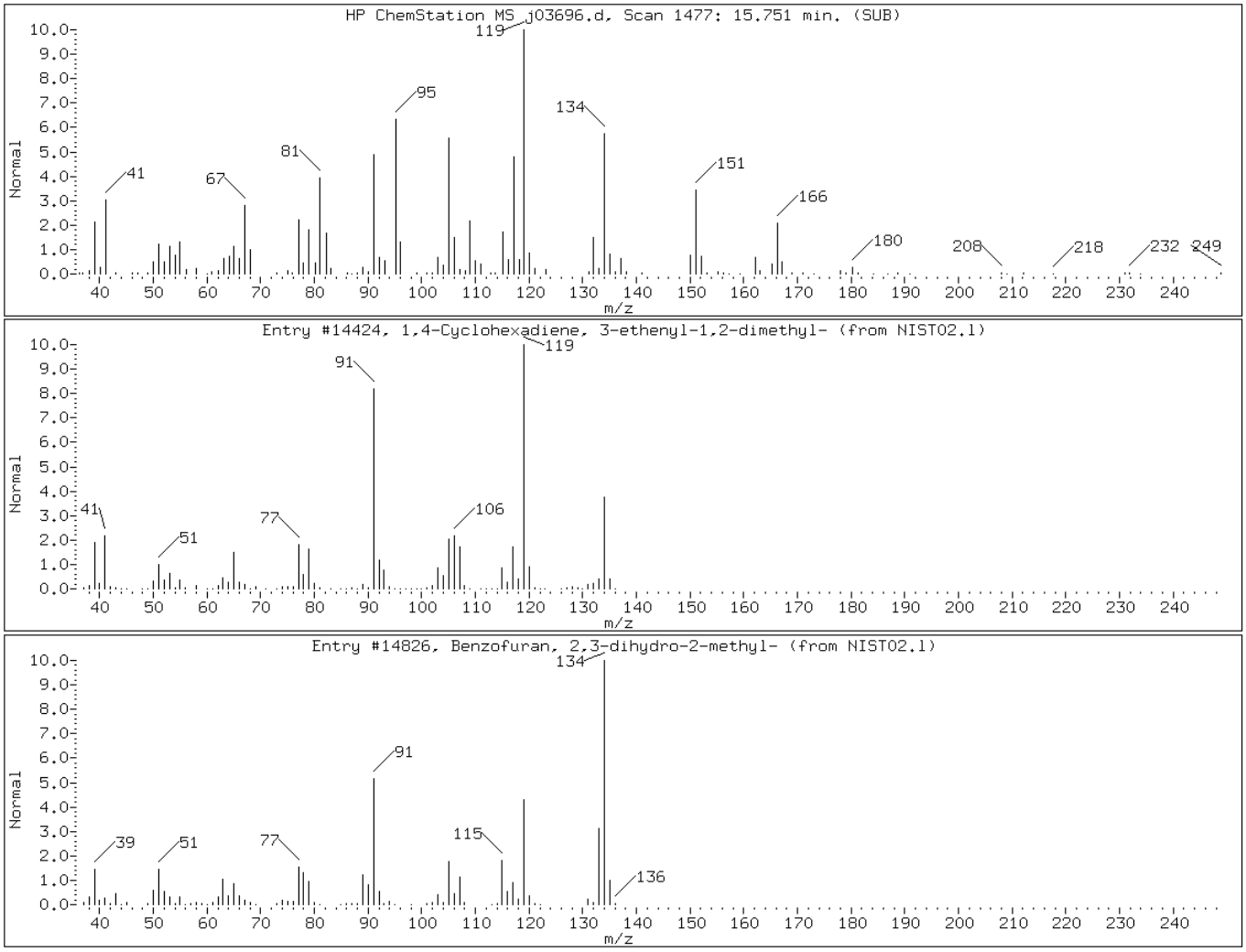
Date: 15-SEP-2011 07:15

Client ID: PMP-2-VD-S (3.5-4.0 Instrument: VOAMS8.i

Sample Info: 460-30837-C-1-A;50;;9.66;5 Operator:

Retention Time: 15.75

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Coeluting Aromatics						
1,4-Cyclohexadiene, 3-ethenyl-1,2-	62338-57-2	NIST02.l	14424	46	C10H14	134
Benzofuran, 2,3-dihydro-2-methyl-	1746-11-8	NIST02.l	14826	43	C9H10O	134



Data File: j03696.d

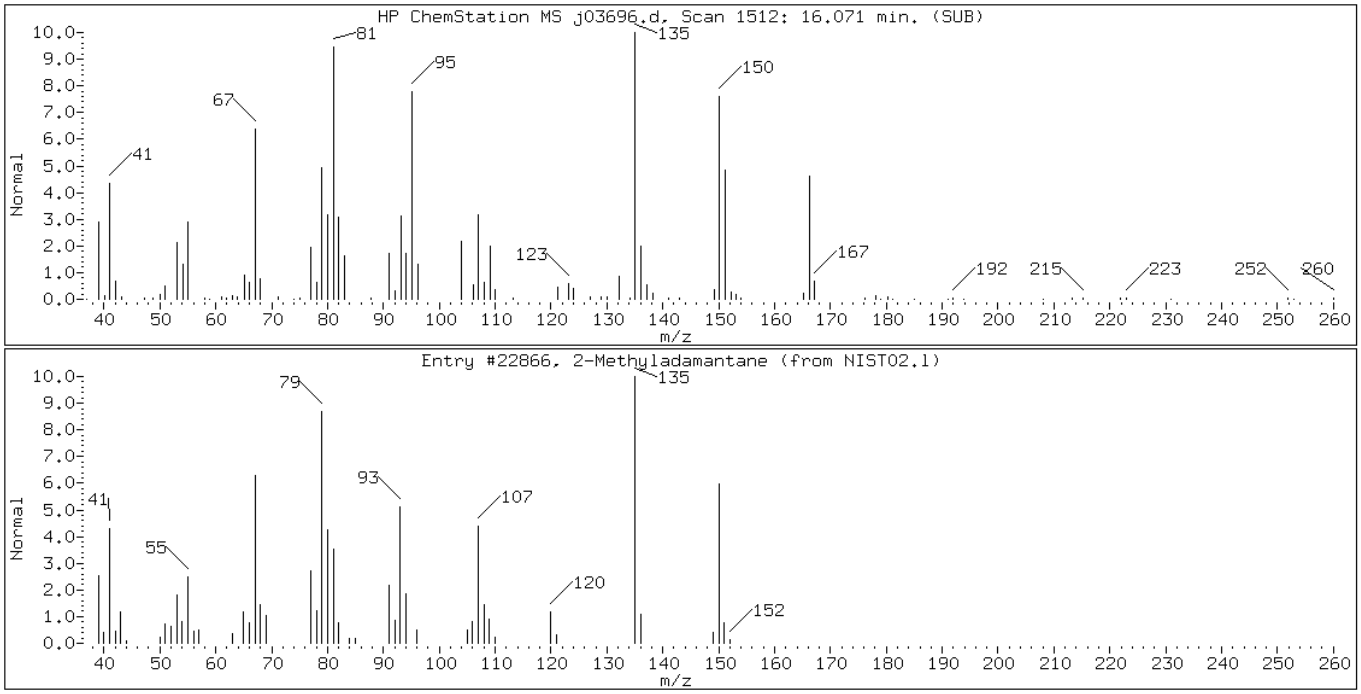
Date: 15-SEP-2011 07:15

Client ID: PMP-2-VD-S (3.5-4.0 Instrument: VOAMS8.i

Sample Info: 460-30837-C-1-A;50;;9.66;5 Operator:

Retention Time: 16.07

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
2-Methyladamantane	700-56-1	NIST02.l	22866	42	C11H18	150



Data File: j03696.d

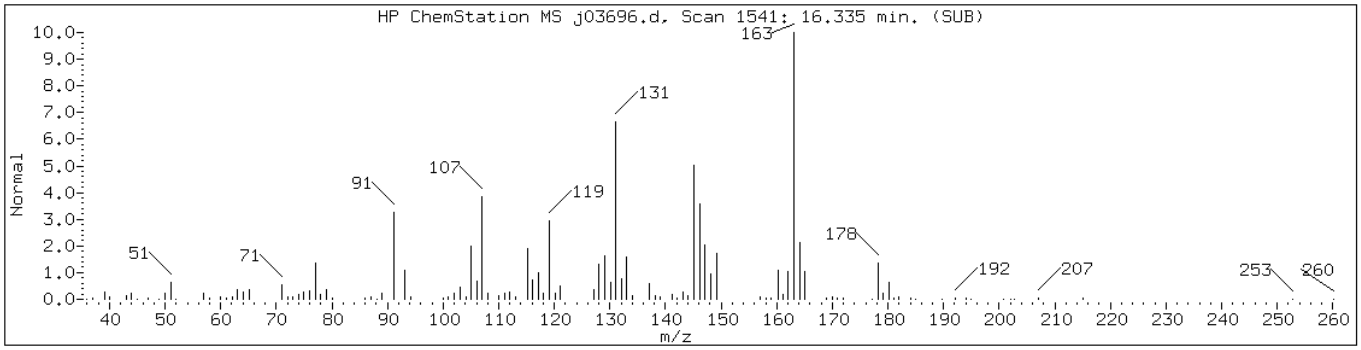
Date: 15-SEP-2011 07:15

Client ID: PMP-2-VD-S (3.5-4.0 Instrument: VOAMS8.i

Sample Info: 460-30837-C-1-A;50;;9.66;5 Operator:

Retention Time: 16.33

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-4						
Unknown						



Data File: j03696.d

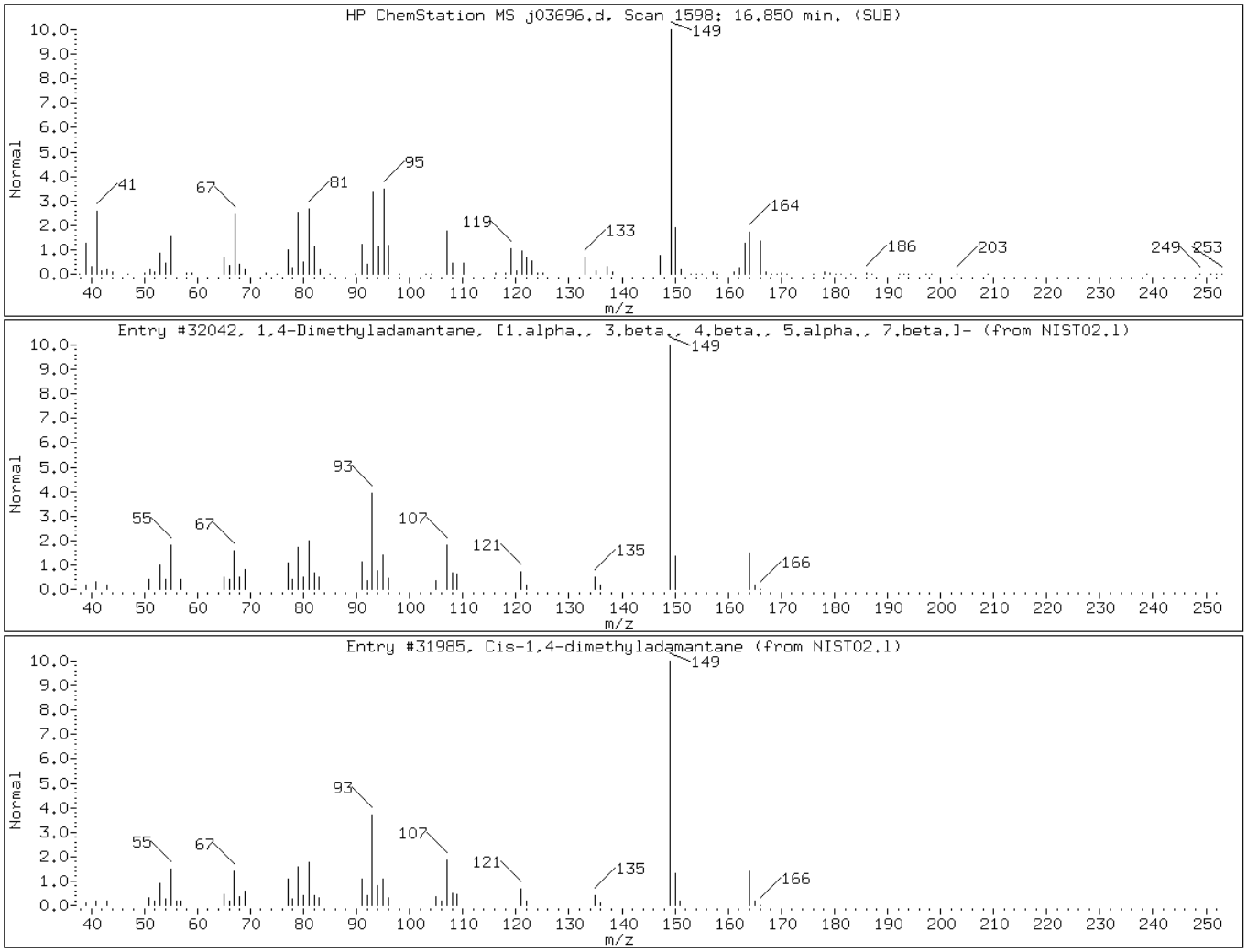
Date: 15-SEP-2011 07:15

Client ID: PMP-2-VD-S (3.5-4.0 Instrument: VOAMS8.i

Sample Info: 460-30837-C-1-A;50;;9.66;5 Operator:

Retention Time: 16.85

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-5						
1,4-Dimethyladamantane, [1.alpha.,	24145-88-8	NIST02.l	32042	76	C12H20	164
Cis-1,4-dimethyladamantane	24145-89-9	NIST02.l	31985	70	C12H20	164



Data File: j03696.d

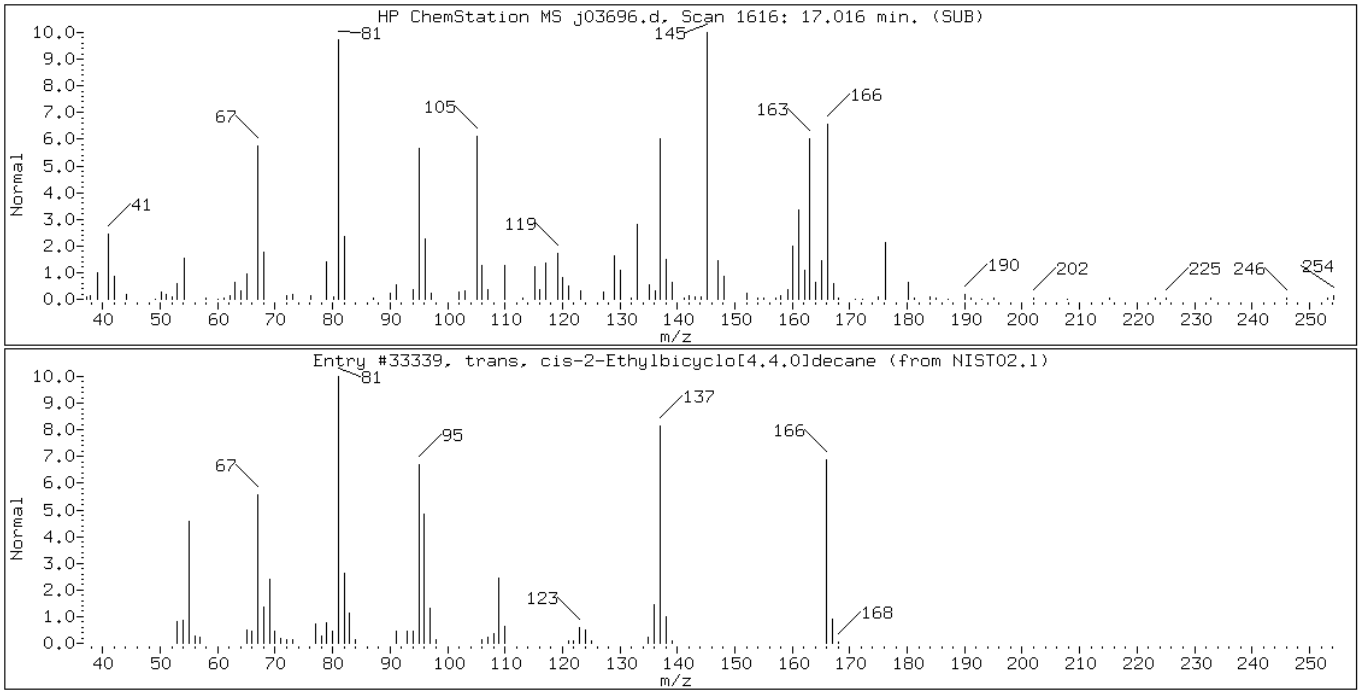
Date: 15-SEP-2011 07:15

Client ID: PMP-2-VD-S (3.5-4.0 Instrument: VOAMS8.i

Sample Info: 460-30837-C-1-A;50;;9.66;5 Operator:

Retention Time: 17.02

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-6						
trans, cis-2-Ethylbicyclo[4.4.0]de	66660-39-7	NIST02.l	33339	43	C12H22	166



Data File: j03696.d

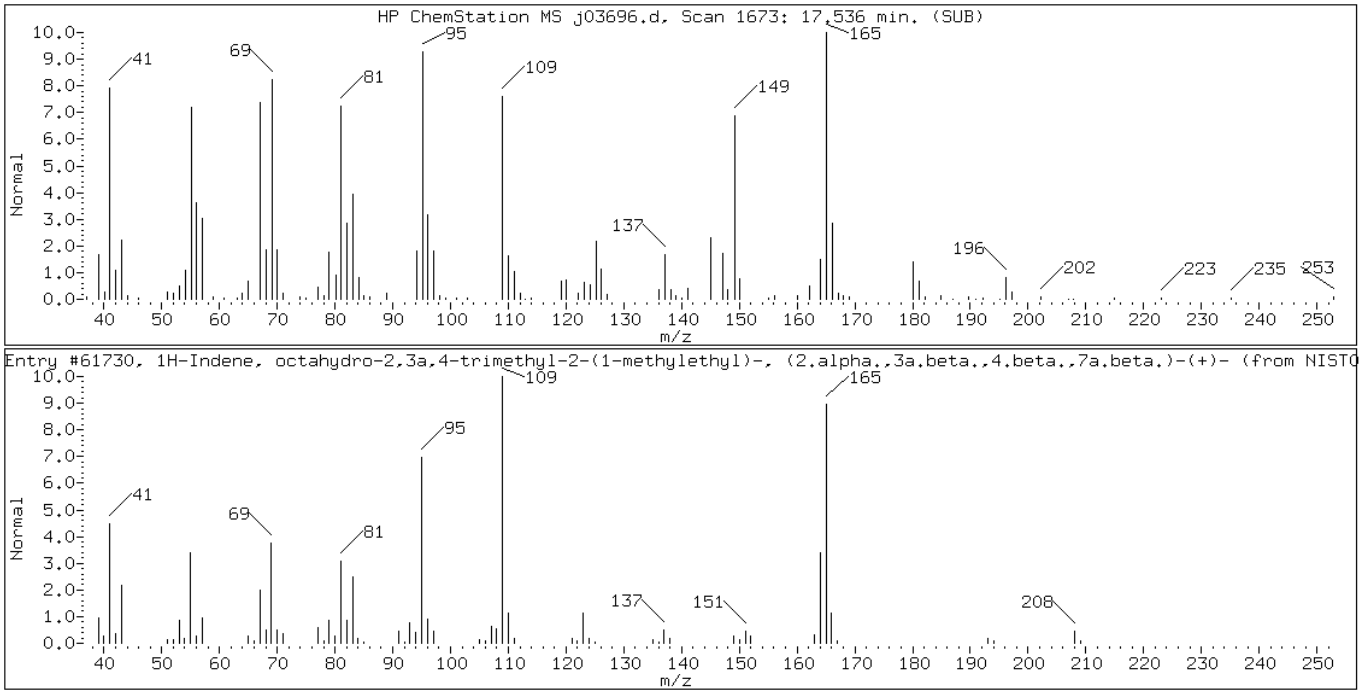
Date: 15-SEP-2011 07:15

Client ID: PMP-2-VD-S (3.5-4.0 Instrument: VOAMS8.i

Sample Info: 460-30837-C-1-A;50;;9.66;5 Operator:

Retention Time: 17.54

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-7						
1H-Indene, octahydro-2,3a,4-trimet	31230-13-4	NIST02.l	61730	43	C15H28	208



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-2-WT-S (8.0-8.5) | Lab Sample ID: 460-30837-2

Matrix: Solid | Lab File ID: j03699.d

Analysis Method: 8260B | Date Collected: 09/08/2011 16:20

Sample wt/vol: 9.74(g) | Date Analyzed: 09/15/2011 08:39

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 12.5 | Level: (low/med) Medium

Analysis Batch No.: 86112 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	59	U	59	12
74-83-9	Bromomethane	59	U	59	18
75-01-4	Vinyl chloride	59	U	59	7.0
75-00-3	Chloroethane	59	U	59	26
75-09-2	Methylene Chloride	59	U	59	11
67-64-1	Acetone	590	U	590	150
75-15-0	Carbon disulfide	59	U *	59	8.6
75-69-4	Trichlorofluoromethane	59	U	59	9.2
75-35-4	1,1-Dichloroethene	59	U	59	8.2
75-34-3	1,1-Dichloroethane	59	U	59	5.9
156-60-5	trans-1,2-Dichloroethene	59	U	59	8.1
156-59-2	cis-1,2-Dichloroethene	59	U	59	11
67-66-3	Chloroform	14	J	59	9.1
78-93-3	2-Butanone	590	U	590	48
107-06-2	1,2-Dichloroethane	59	U	59	14
71-55-6	1,1,1-Trichloroethane	59	U	59	15
56-23-5	Carbon tetrachloride	59	U	59	11
71-43-2	Benzene	59	U	59	7.0
75-25-2	Bromoform	59	U	59	5.8
100-42-5	Styrene	59	U	59	8.1
100-41-4	Ethylbenzene	110		59	14
108-90-7	Chlorobenzene	60		59	9.7
110-82-7	Cyclohexane	59	U	59	7.3
98-82-8	Isopropylbenzene	56	J	59	12
591-78-6	2-Hexanone	590	U	590	32
1634-04-4	MTBE	59	U	59	11
76-13-1	Freon TF	59	U	59	17
79-20-9	Methyl acetate	120	U	120	19
123-91-1	1,4-Dioxane	2900	U	2900	500
79-01-6	Trichloroethene	59	U	59	10
108-88-3	Toluene	59	U	59	5.6
10061-02-6	trans-1,3-Dichloropropene	59	U	59	7.2
108-10-1	4-Methyl-2-pentanone	590	U	590	40
10061-01-5	cis-1,3-Dichloropropene	59	U	59	6.0
95-50-1	1,2-Dichlorobenzene	5700		59	9.5
541-73-1	1,3-Dichlorobenzene	2700		59	13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-2-WT-S (8.0-8.5) | Lab Sample ID: 460-30837-2

Matrix: Solid | Lab File ID: j03699.d

Analysis Method: 8260B | Date Collected: 09/08/2011 16:20

Sample wt/vol: 9.74(g) | Date Analyzed: 09/15/2011 08:39

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 12.5 | Level: (low/med) Medium

Analysis Batch No.: 86112 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	9800		59	8.8
120-82-1	1,2,4-Trichlorobenzene	6700		59	26
87-61-6	1,2,3-Trichlorobenzene	3800		59	49
78-87-5	1,2-Dichloropropane	59	U	59	5.1
108-87-2	Methylcyclohexane	20	J	59	4.7
127-18-4	Tetrachloroethene	18	J	59	11
1330-20-7	Xylenes, Total	1200		180	25
96-12-8	1,2-Dibromo-3-Chloropropane	59	U	59	9.0
79-34-5	1,1,2,2-Tetrachloroethane	59	U	59	5.1
79-00-5	1,1,2-Trichloroethane	59	U	59	5.7
124-48-1	Dibromochloromethane	59	U	59	5.9
106-93-4	1,2-Dibromoethane	59	U	59	5.4
75-71-8	Dichlorodifluoromethane	59	U	59	17
74-97-5	Bromochloromethane	59	U	59	10
75-27-4	Bromodichloromethane	59	U	59	5.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	117		57-135
2037-26-5	Toluene-d8 (Surr)	108		46-130
460-00-4	Bromofluorobenzene	108		50-124

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-2-WT-S (8.0-8.5) Lab Sample ID: 460-30837-2

Matrix: Solid Lab File ID: j03699.d

Analysis Method: 8260B Date Collected: 09/08/2011 16:20

Sample wt/vol: 9.74(g) Date Analyzed: 09/15/2011 08:39

Soil Aliquot Vol: 5 (mL) Dilution Factor: 100

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.53(mm)

% Moisture: 12.5 Level: (low/med) Medium

Analysis Batch No.: 86112 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 98600

CAS NO.	COMPOUND NAME	RT	RESULT	Q
95-63-6	1,2,4-Trimethylbenzene	13.35	7400	
	C10H14 Aromatic	14.09	13000	J
	C10H14 Aromatic-3	14.55	5400	J
	Coeluting Aromatics	14.74	12000	J
	Coeluting Aromatics-1	14.97	4400	J
	Unknown-1	15.25	9300	J
	C12H26 Alkane/C11H14 Aromatic	15.47	5500	J
	C10H14 Aromatic-5	15.74	23000	J
	C11H16 Aromatic	16.24	6600	J
91-20-3	Naphthalene	16.86	12000	

Data File: /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03699.d
Report Date: 21-Sep-2011 18:07

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03699.d
Lab Smp Id: 460-30837-C-2-A Client Smp ID: PMP-2-WT-S (8.0-8.5
Inj Date : 15-SEP-2011 08:39
Operator : Inst ID: VOAMS8.i
Smp Info : 460-30837-C-2-A;100;;9.74;5
Misc Info : 460-30837-C-2-A
Comment   :
Method   : /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/8260_09.m
Meth Date : 15-Sep-2011 04:53 audberto Quant Type: ISTD
Cal Date : 14-SEP-2011 06:22 Cal File: j03643.d
Als bottle: 10
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	9.74000	Weight of sample extracted (g)
M	12.45614	% 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)
	42 Chloroform	83	6.809	6.777	(0.863)	8107	0.23226	14(a)
$	47 1,2-Dichloroethane-d4 (SUR)	65	7.486	7.452	(0.948)	433293	29.3591	1700
*	52 Fluorobenzene	96	7.894	7.862	(1.000)	2477880	50.0000	
	56 Methyl cyclohexane	83	8.587	8.549	(1.088)	4349	0.33885	20(a)
$	65 Toluene-d8 (SUR)	98	9.753	9.730	(0.860)	1125373	26.9936	1600
	71 Tetrachloroethene	166	10.436	10.425	(0.920)	5732	0.31014	18(a)
*	78 Chlorobenzene-d5	117	11.345	11.328	(1.000)	1848483	50.0000	
	79 Chlorobenzene	112	11.380	11.365	(1.003)	38631	1.03138	60(H)
	81 Ethylbenzene	106	11.472	11.448	(1.011)	28679	1.88003	110
	82 m+p-Xylene	106	11.581	11.568	(1.021)	141560	6.91750	400
	84 o-Xylene	106	11.993	11.984	(1.057)	264944	13.0004	760
	88 Isopropylbenzene	105	12.350	12.338	(1.089)	44309	0.95205	56(a)
$	89 Bromofluorobenzene (SUR)	174	12.542	12.529	(0.910)	533079	27.0904	1600
	95 n-Propylbenzene	91	12.769	12.760	(0.927)	28730	0.54932	32(a)

Data File: /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03699.d
Report Date: 21-Sep-2011 18:07

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	==========	====	==	======	======	========	=======	=======
97	1,3,5-Trimethylbenzene	105	12.934	12.920	(0.939)	2228162	61.6763	3600
101	1,2,4-Trimethylbenzene	105	13.346	13.332	(0.968)	4854048	127.038	7400
102	2-Octanone	43	13.427	13.388	(0.974)	94431	3.08322	180
103	sec-Butylbenzene	105	13.537	13.524	(0.982)	272224	5.89272	340
105	1,3-Dichlorobenzene	146	13.709	13.698	(0.995)	1158240	46.2169	2700
* 108	1,4-Dichlorobenzene-d4	152	13.780	13.760	(1.000)	872199	50.0000	
109	1,4-Dichlorobenzene	146	13.808	13.797	(1.002)	5297945	166.499	9800
111	1,2-Dichlorobenzene	146	14.255	14.238	(1.034)	2638196	97.6336	5700
114	1,2,4-Trichlorobenzene	180	16.409	16.393	(1.191)	1520693	114.623	6700
116	Naphthalene	128	16.858	16.838	(1.223)	4725835	202.516	12000
117	1,2,3-Trichlorobenzene	180	17.281	17.269	(1.254)	841090	64.6874	3800
M 121	Xylene (Total)	100				406504	19.9179	1200

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03699.d
Report Date: 21-Sep-2011 18:07

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03699.d
Lab Smp Id: 460-30837-C-2-A Client Smp ID: PMP-2-WT-S (8.0-8.5
Inj Date : 15-SEP-2011 08:39
Operator : Inst ID: VOAMS8.i
Smp Info : 460-30837-C-2-A;100;;9.74;5
Misc Info : 460-30837-C-2-A
Comment   :
Method   : /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/8260_09.m
Meth Date : 15-Sep-2011 04:53 audberto Quant Type: ISTD
Cal Date : 14-SEP-2011 06:22 Cal File: j03643.d
Als bottle: 10
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	9.74000	Weight of sample extracted (g)
M	12.45614	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 78 Chlorobenzene-d5	11.345	5823453	50.000

	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown					CAS #:		
12.185	6167244	52.9517704	3100	0		0	78
C9H12 Aromatic/C10H20 Cycloalkane					CAS #:		
12.888	7313251	62.7913553	3700	0		0	78(ML)

Data File: /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03699.d
Report Date: 21-Sep-2011 18:07

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
C9H12 Aromatic-1					CAS #:		
13.173	6773091	58.1535601	3400	0		0	78
C10H14 Aromatic					CAS #:		
14.089	26010207	223.322864	13000	0		0	78
C9H8 Aromatic/C10H14 Aromatic-1					CAS #:		
14.347	6158393	52.8757762	3100	0		0	78
C10H14 Aromatic-2					CAS #:		
14.456	5434034	46.6564525	2700	0		0	78
C10H14 Aromatic-3					CAS #:		
14.555	10785884	92.6072748	5400	0		0	78
Coeluting Aromatics					CAS #:		
14.737	24107618	206.987292	12000	0		0	78
Coeluting Aromatics-1					CAS #:		
14.967	8703892	74.7313597	4400	0		0	78
C10H14 Aromatic-4					CAS #:		
15.132	3767498	32.3476236	1900	0		0	78
Unknown-1					CAS #:		
15.252	18470704	158.588916	9300	0		0	78
C12H26 Alkane/C11H14 Aromatic					CAS #:		
15.474	10923945	93.7926626	5500	0		0	78
C10H14 Aromatic-5					CAS #:		
15.739	44904084	385.545122	23000	0		0	78
C10H12 Aromatic/Unknown-2					CAS #:		
16.079	4230502	36.3229658	2100	0		0	78
C11H16 Aromatic					CAS #:		
16.243	13154686	112.945745	6600	0		0	78
C11H14 Aromatic-1					CAS #:		
17.852	6758279	58.0263837	3400	0		0	78
Naphthalene, 2-methyl-					CAS #: 91-57-6		
19.139	5813190	49.9118754	2900	95	NIST02.l	18501	78(L)

Data File: /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03699.d
Report Date: 21-Sep-2011 18:07

QC Flag Legend

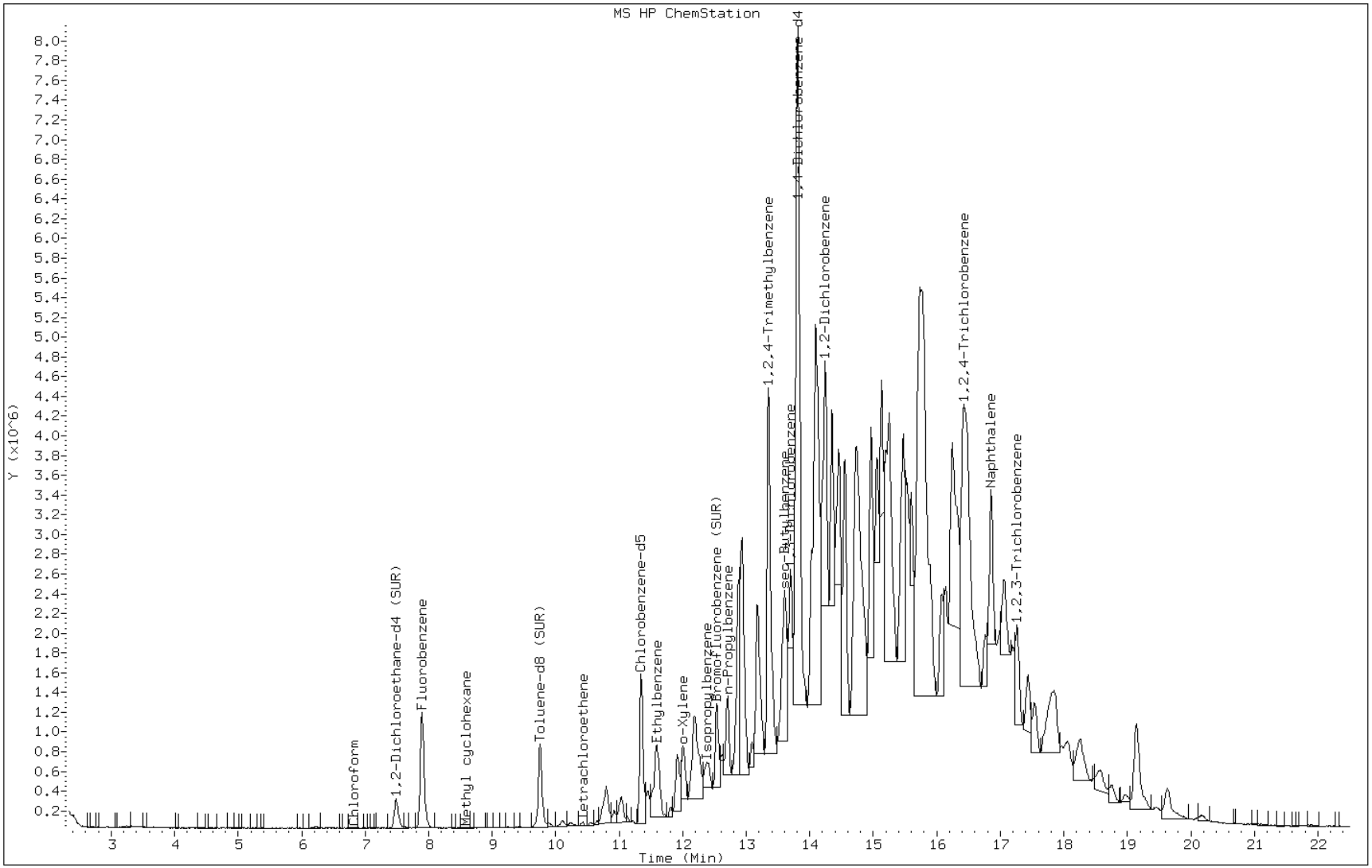
M - Compound response manually integrated.
L - Operator selected an alternate library search match.

Data File: j03699.d

Date: 15-SEP-2011 08:39

Client ID: PMP-2-WT-S (8.0-8.5 Instrument: VOAMS8.i

Sample Info: 460-30837-C-2-A;100;;9.74;5 Operator:



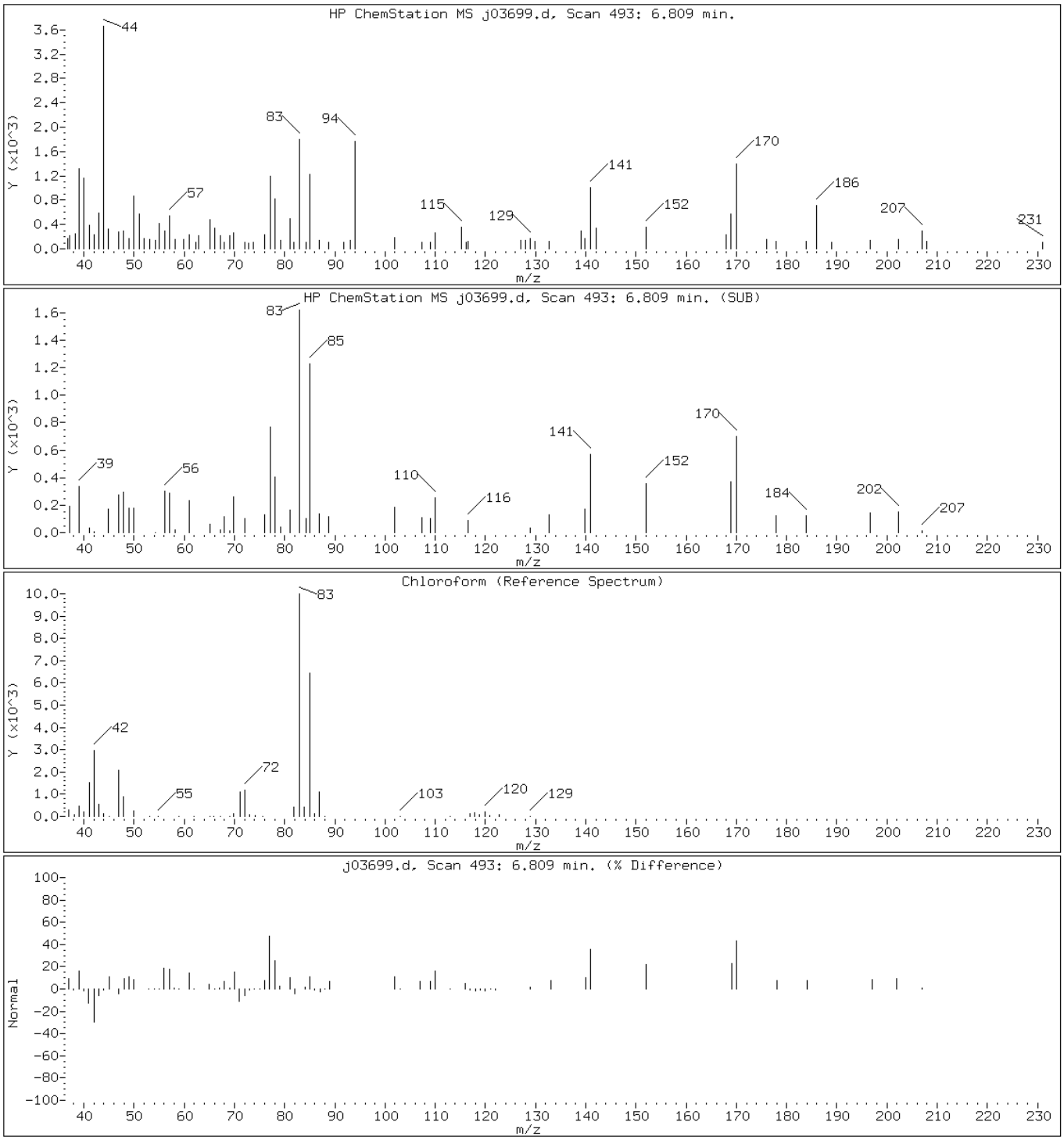
Data File: j03699.d

Date: 15-SEP-2011 08:39

Client ID: PMP-2-WT-S (8.0-8.5 Instrument: VOAMS8.i

Sample Info: 460-30837-C-2-A;100;;9.74;5 Operator:

42 Chloroform



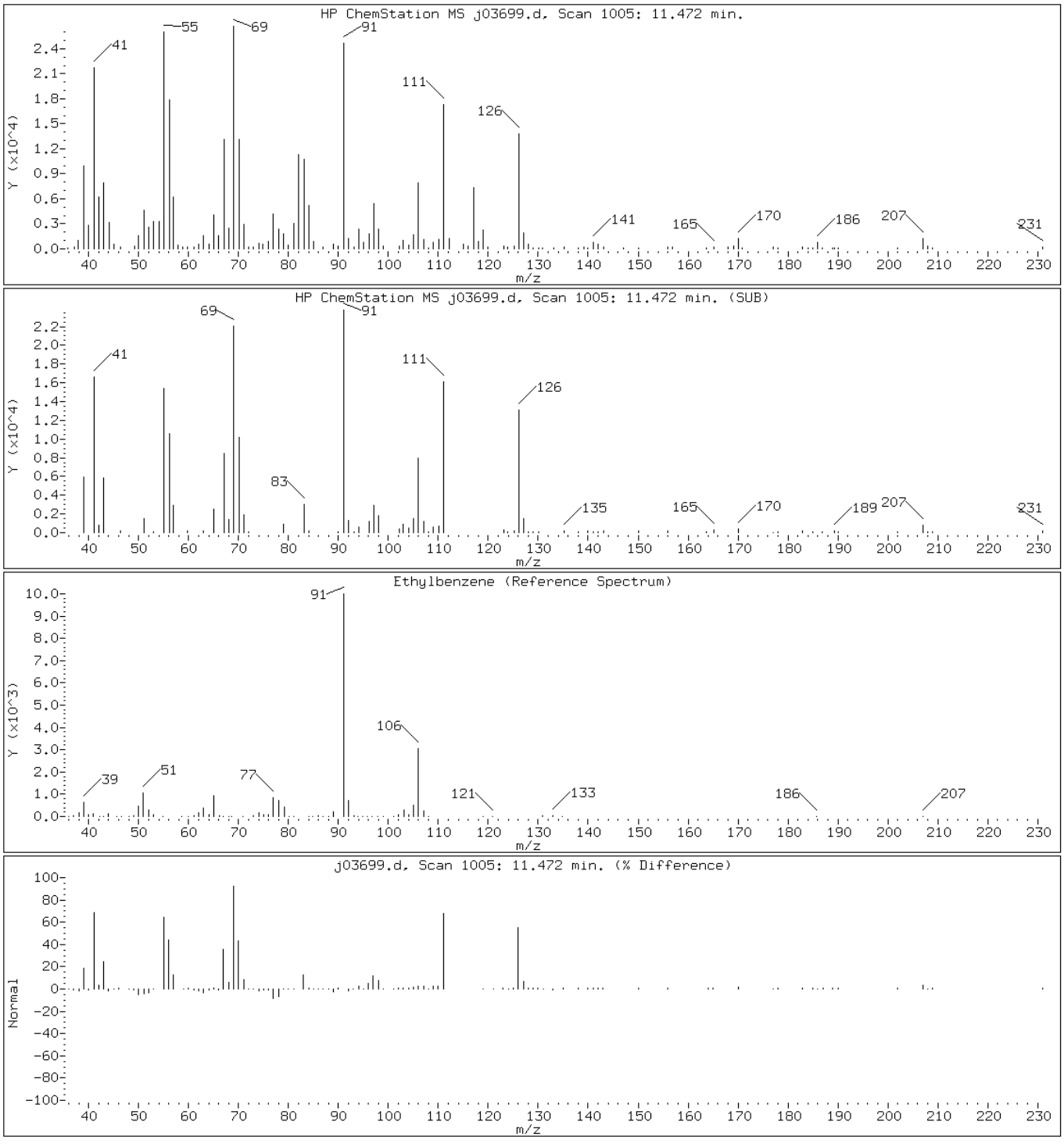
Data File: j03699.d

Date: 15-SEP-2011 08:39

Client ID: PMP-2-WT-S (8.0-8.5 Instrument: VOAMS8.i

Sample Info: 460-30837-C-2-A;100;;9.74;5 Operator:

81 Ethylbenzene



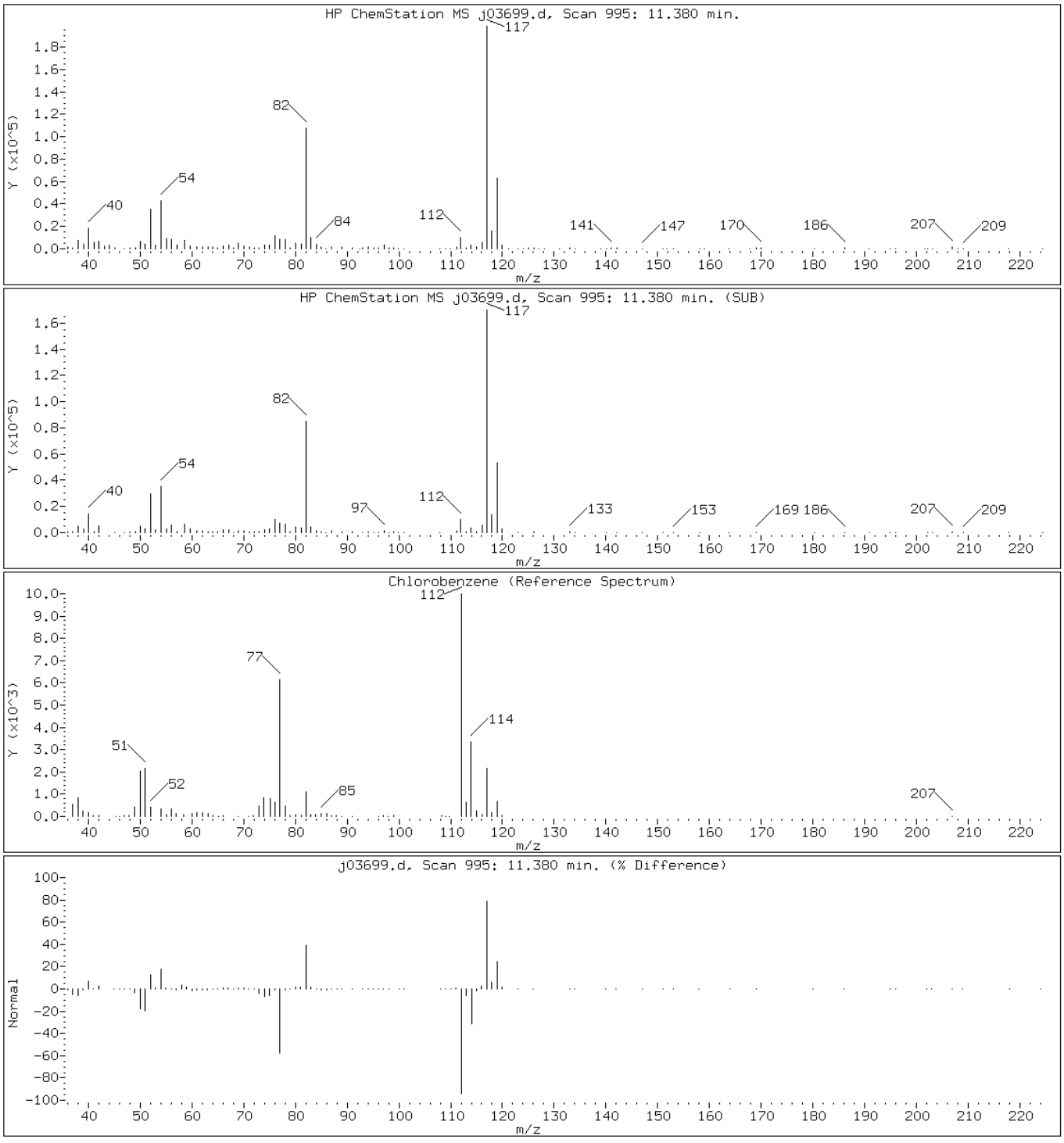
Data File: j03699.d

Date: 15-SEP-2011 08:39

Client ID: PMP-2-WT-S (8.0-8.5 Instrument: VOAMS8.i

Sample Info: 460-30837-C-2-A;100;;9.74;5 Operator:

79 Chlorobenzene



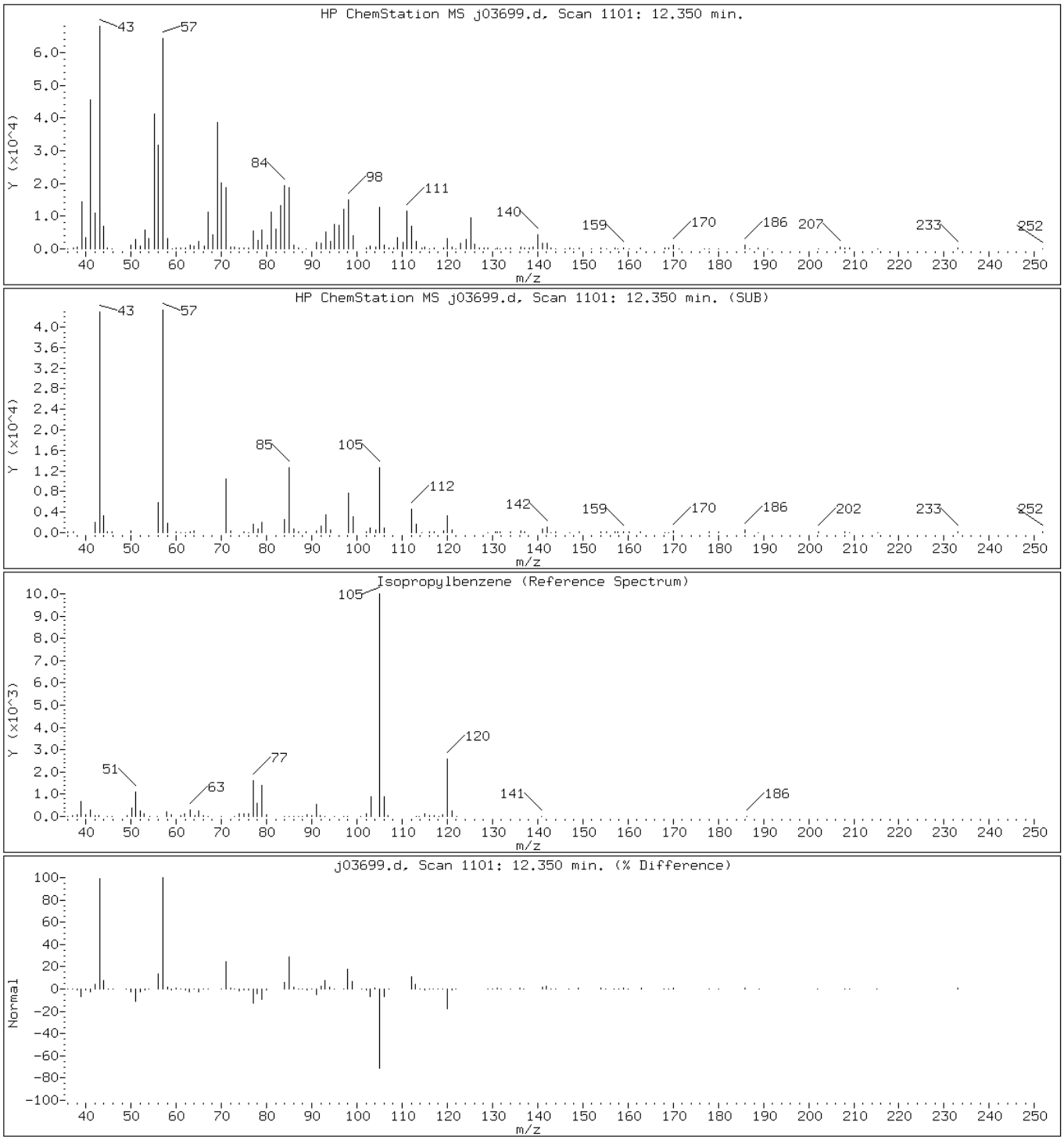
Data File: j03699.d

Date: 15-SEP-2011 08:39

Client ID: PMP-2-WT-S (8.0-8.5 Instrument: VOAMS8.i

Sample Info: 460-30837-C-2-A;100;;9.74;5 Operator:

88 Isopropylbenzene



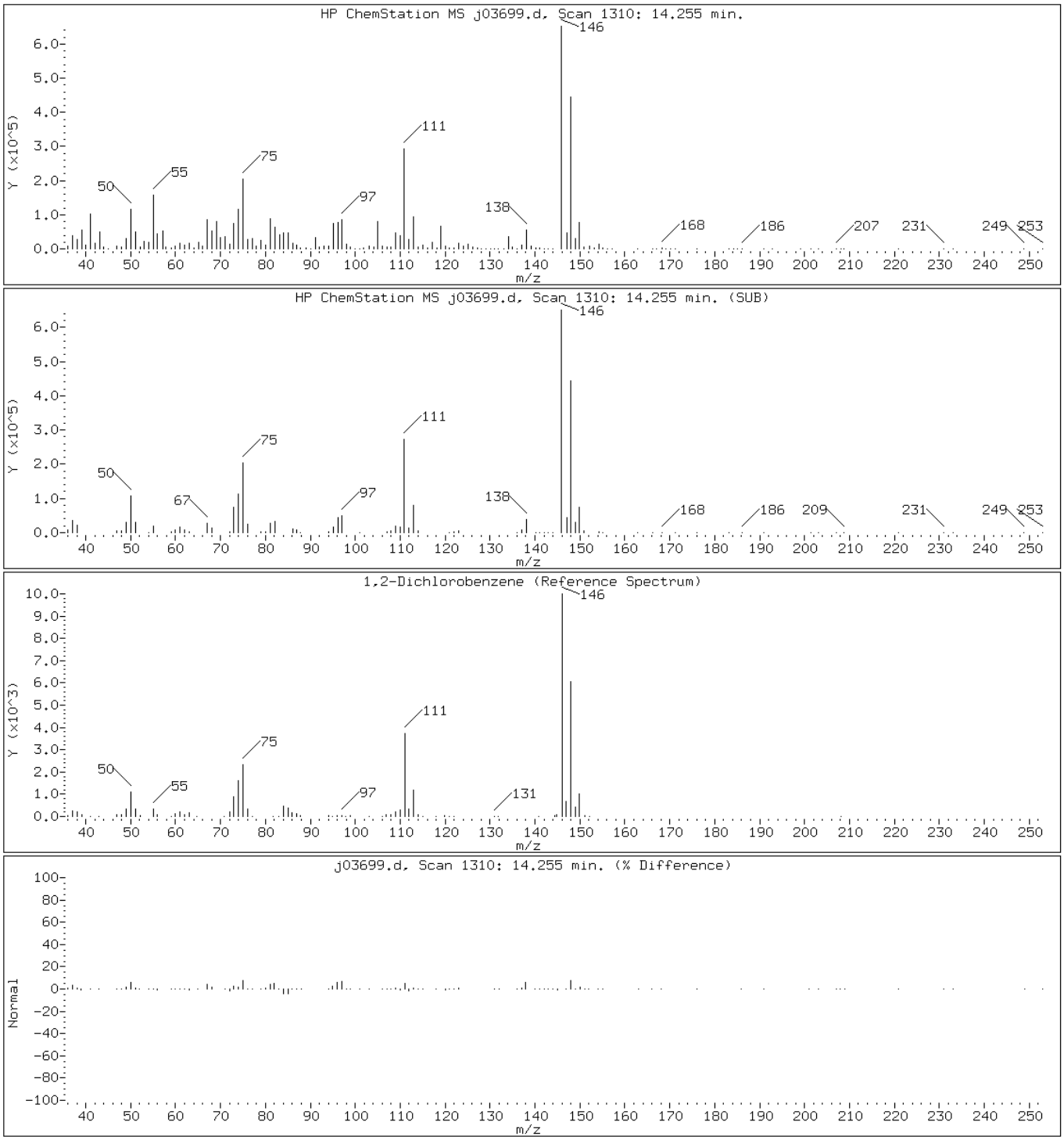
Data File: j03699.d

Date: 15-SEP-2011 08:39

Client ID: PMP-2-WT-S (8.0-8.5 Instrument: VOAMS8.i

Sample Info: 460-30837-C-2-A;100;;9.74;5 Operator:

111 1,2-Dichlorobenzene



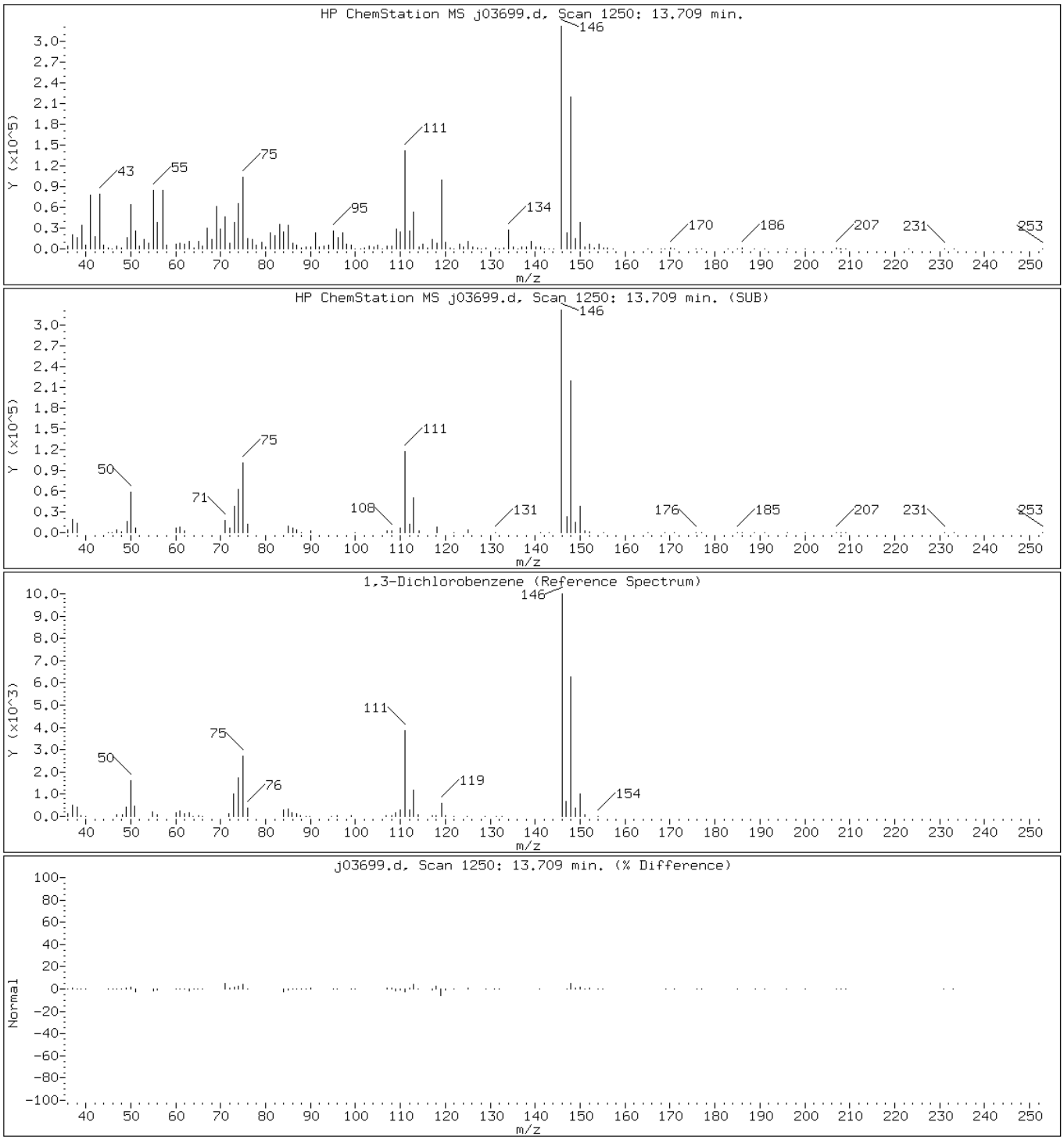
Data File: j03699.d

Date: 15-SEP-2011 08:39

Client ID: PMP-2-WT-S (8.0-8.5 Instrument: VOAMS8.i

Sample Info: 460-30837-C-2-A;100;;9.74;5 Operator:

105 1,3-Dichlorobenzene



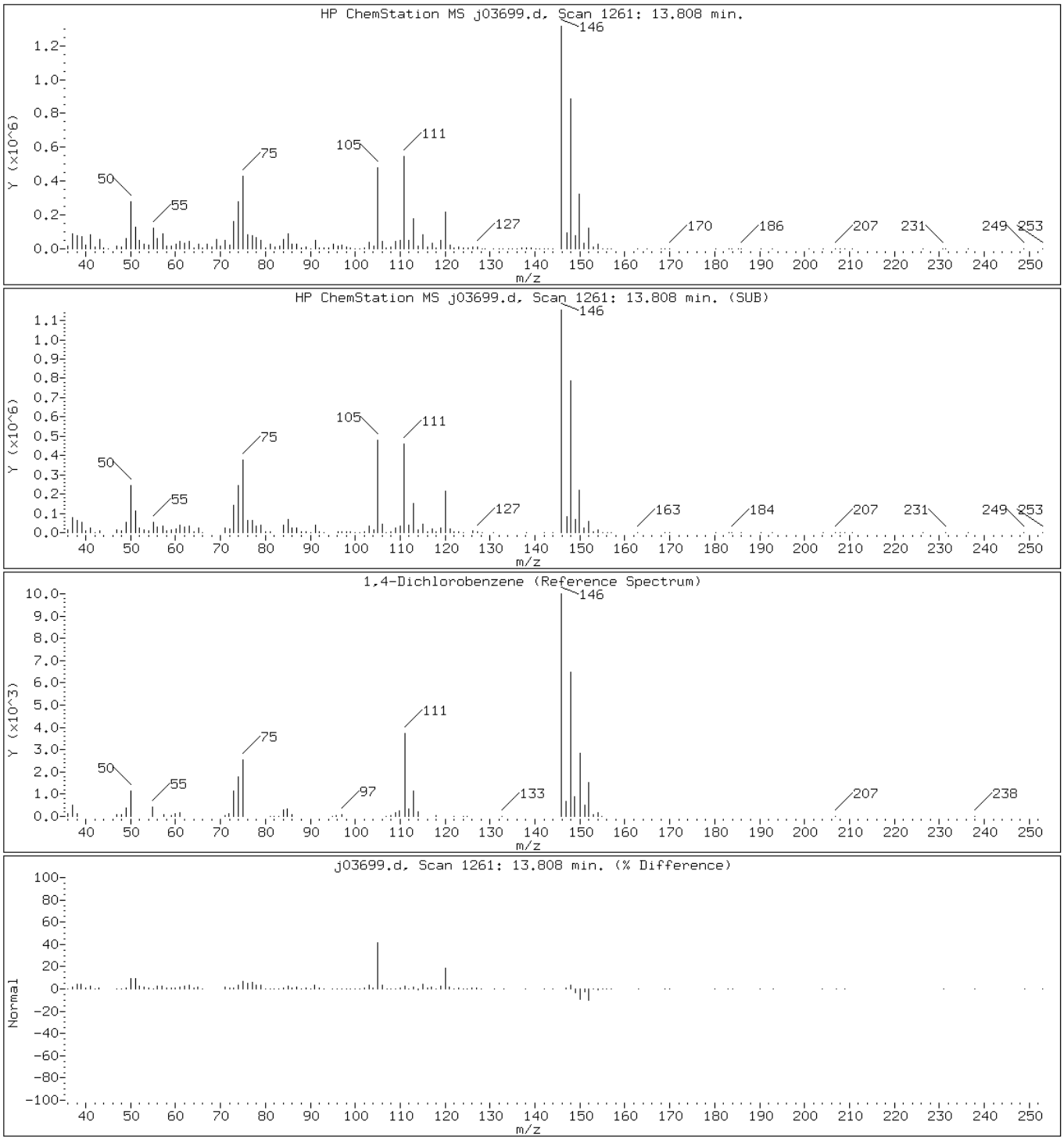
Data File: j03699.d

Date: 15-SEP-2011 08:39

Client ID: PMP-2-WT-S (8.0-8.5 Instrument: VOAMS8.i

Sample Info: 460-30837-C-2-A;100;;9.74;5 Operator:

109 1,4-Dichlorobenzene



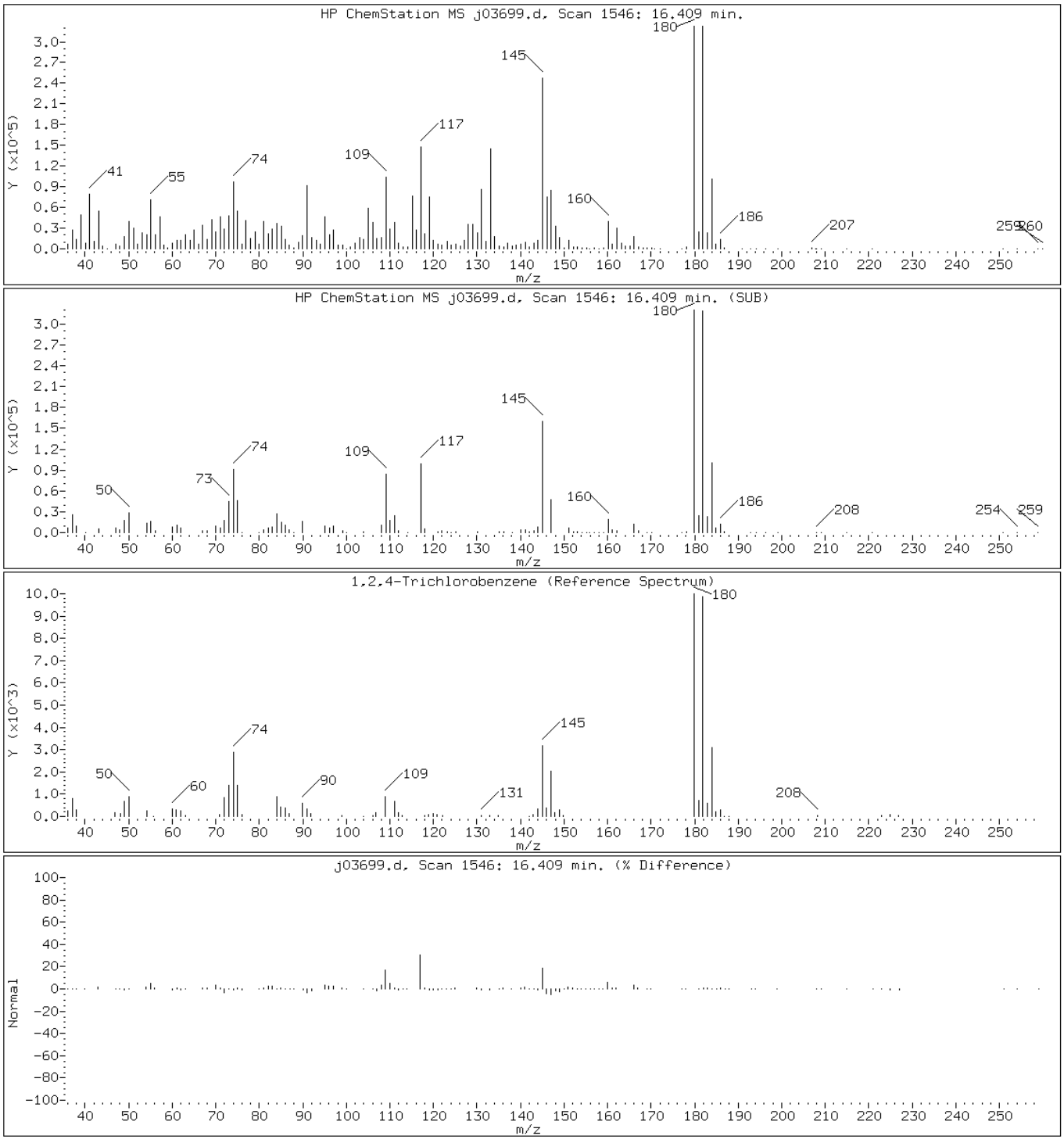
Data File: j03699.d

Date: 15-SEP-2011 08:39

Client ID: PMP-2-WT-S (8.0-8.5 Instrument: VOAMS8.i

Sample Info: 460-30837-C-2-A;100;;9.74;5 Operator:

114 1,2,4-Trichlorobenzene



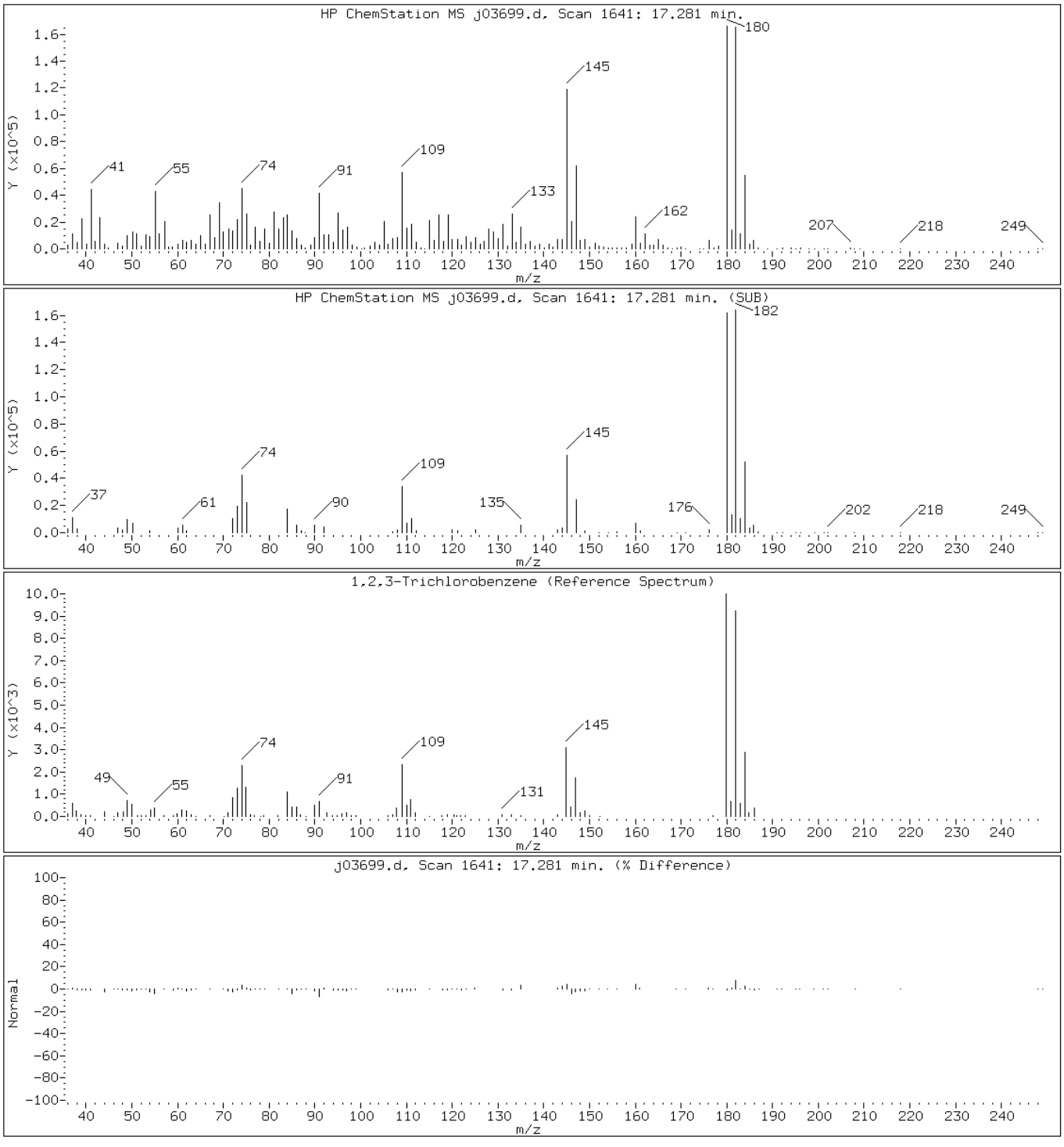
Data File: j03699.d

Date: 15-SEP-2011 08:39

Client ID: PMP-2-WT-S (8.0-8.5 Instrument: VOAMS8.i

Sample Info: 460-30837-C-2-A;100;;9.74;5 Operator:

117 1,2,3-Trichlorobenzene



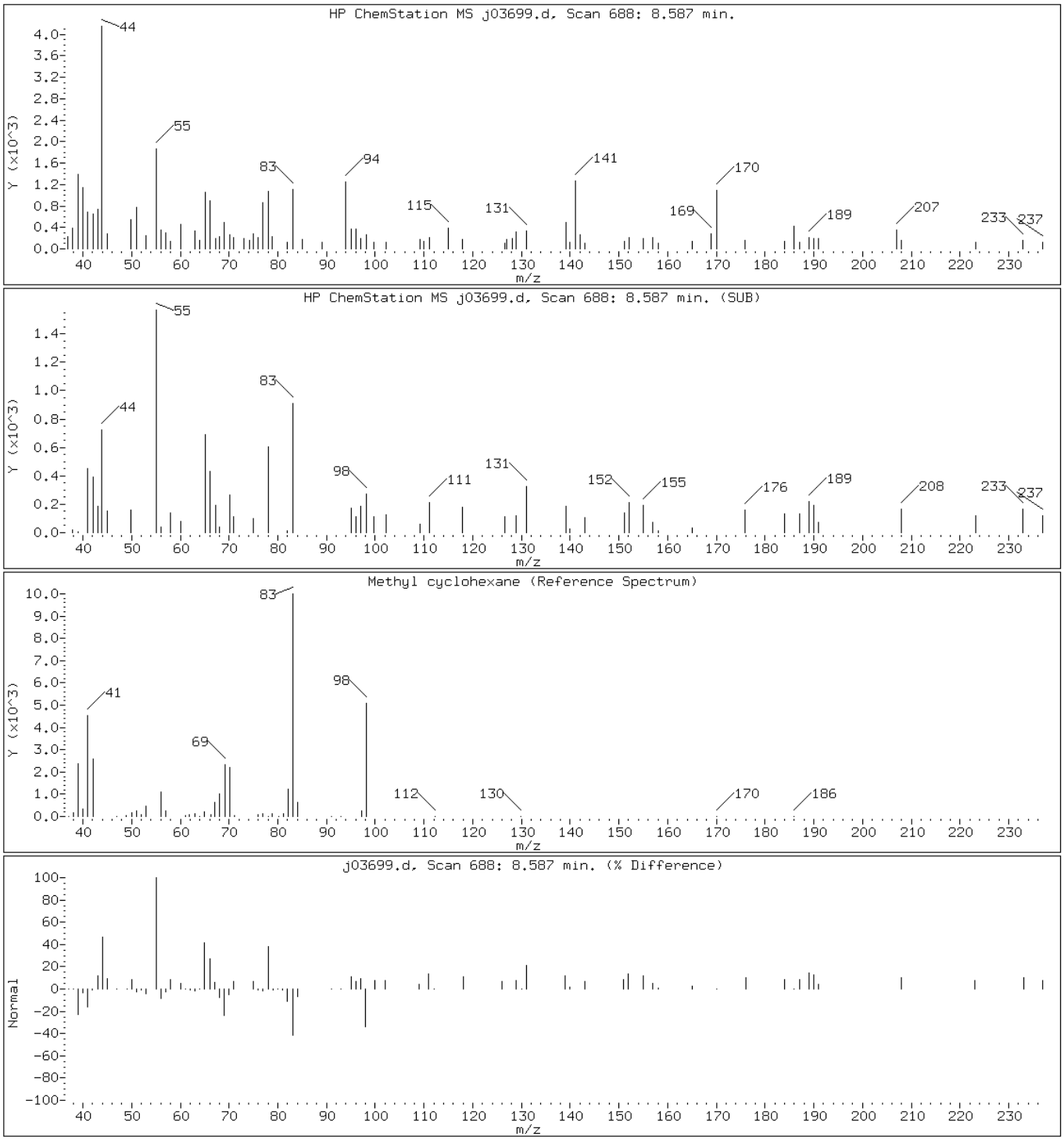
Data File: j03699.d

Date: 15-SEP-2011 08:39

Client ID: PMP-2-WT-S (8.0-8.5 Instrument: VOAMS8.i

Sample Info: 460-30837-C-2-A;100;;9.74;5 Operator:

56 Methyl cyclohexane



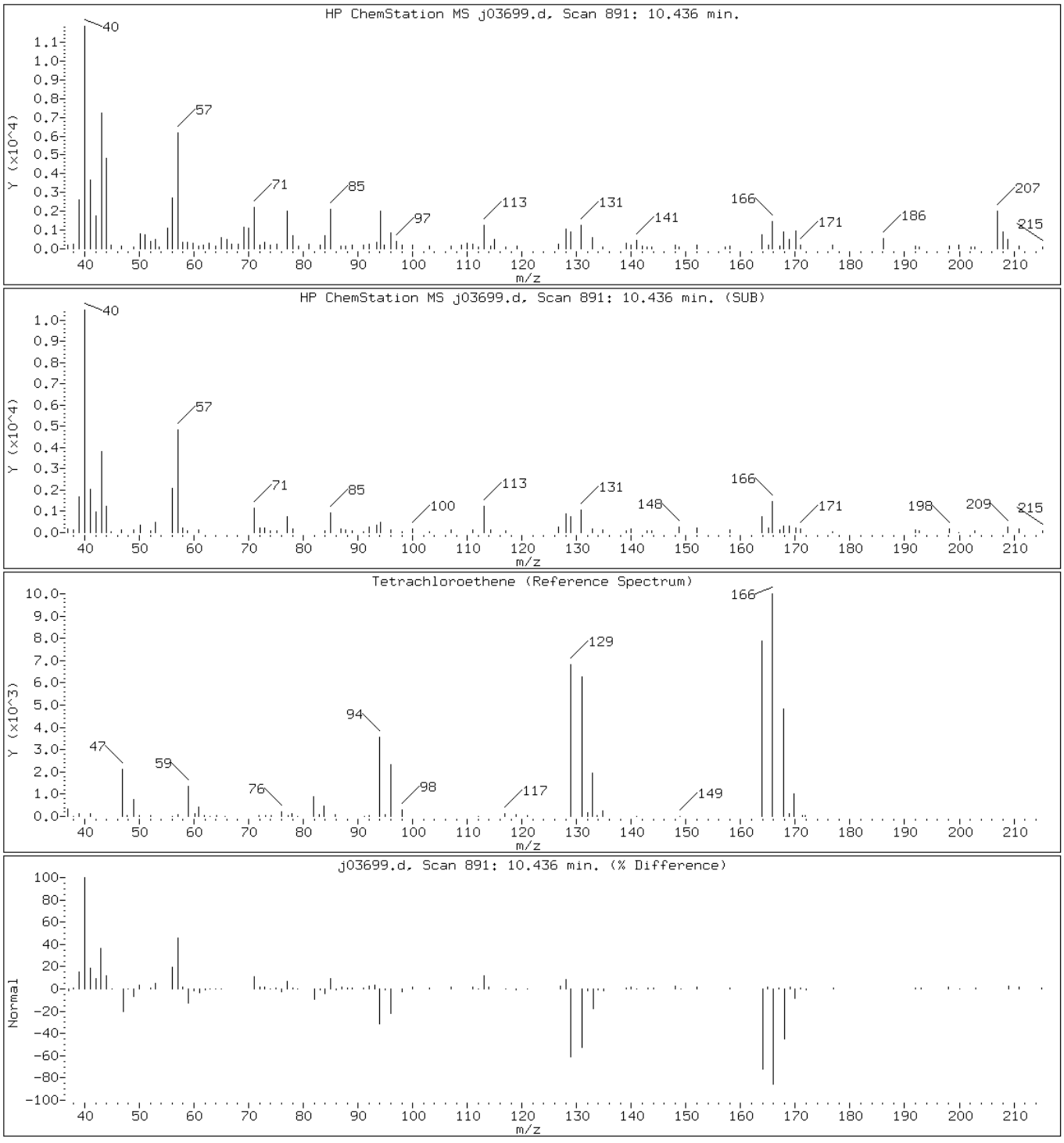
Data File: j03699.d

Date: 15-SEP-2011 08:39

Client ID: PMP-2-WT-S (8.0-8.5 Instrument: VOAMS8.i

Sample Info: 460-30837-C-2-A;100;;9.74;5 Operator:

71 Tetrachloroethene



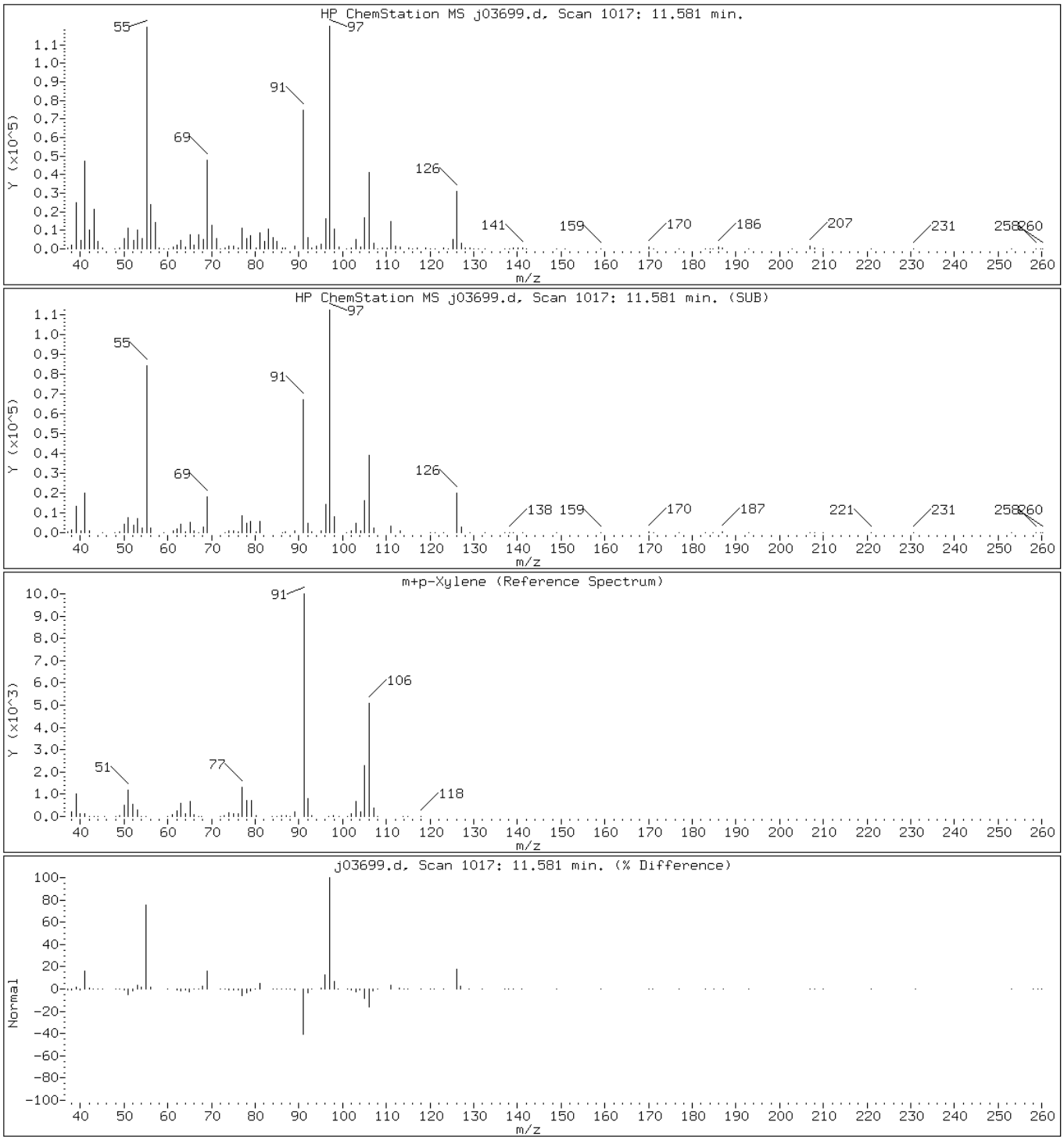
Data File: j03699.d

Date: 15-SEP-2011 08:39

Client ID: PMP-2-WT-S (8.0-8.5 Instrument: VOAMS8.i

Sample Info: 460-30837-C-2-A;100;;9.74;5 Operator:

82 m+p-Xylene



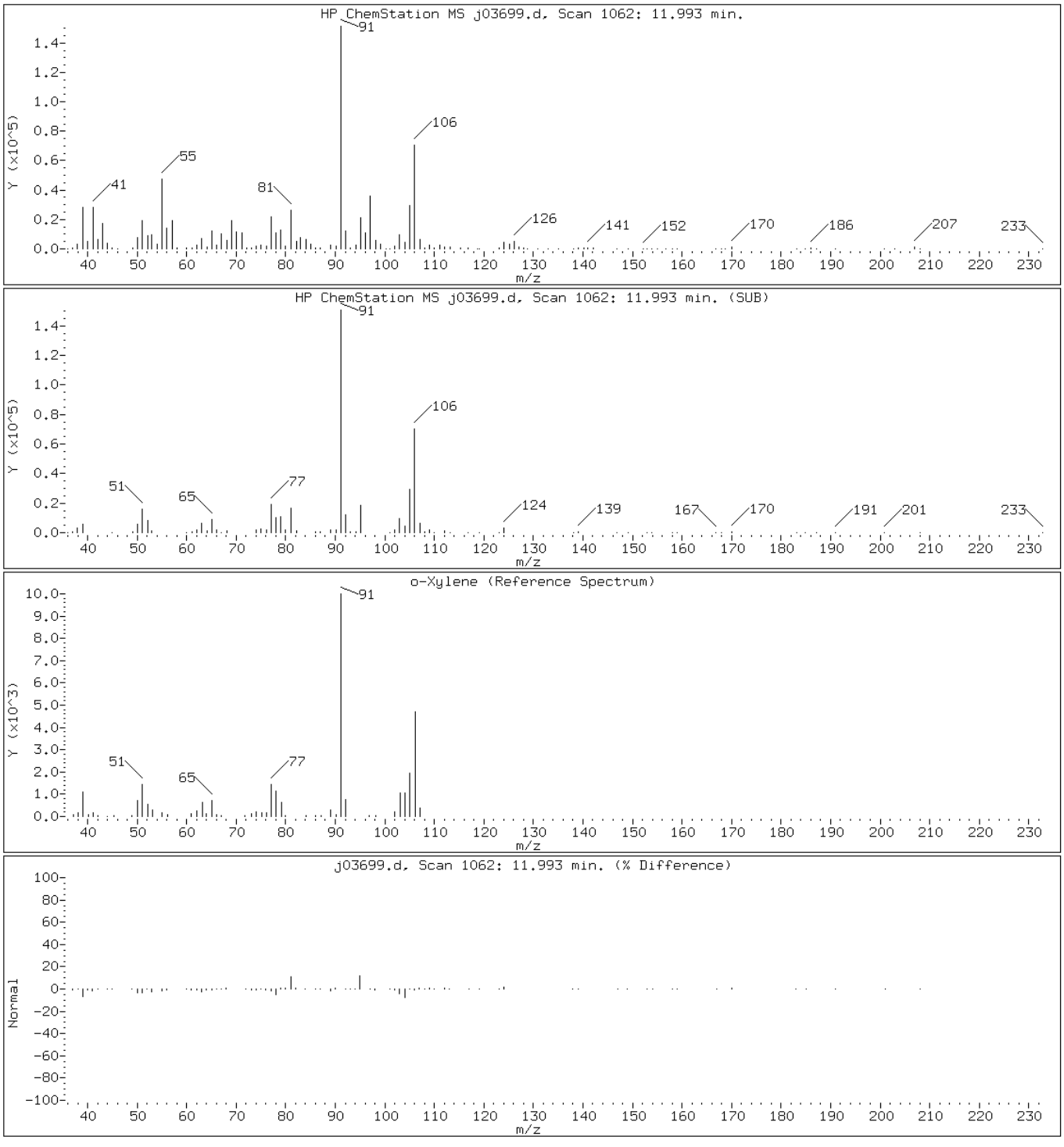
Data File: j03699.d

Date: 15-SEP-2011 08:39

Client ID: PMP-2-WT-S (8.0-8.5 Instrument: VOAMS8.i

Sample Info: 460-30837-C-2-A;100;;9.74;5 Operator:

84 o-Xylene



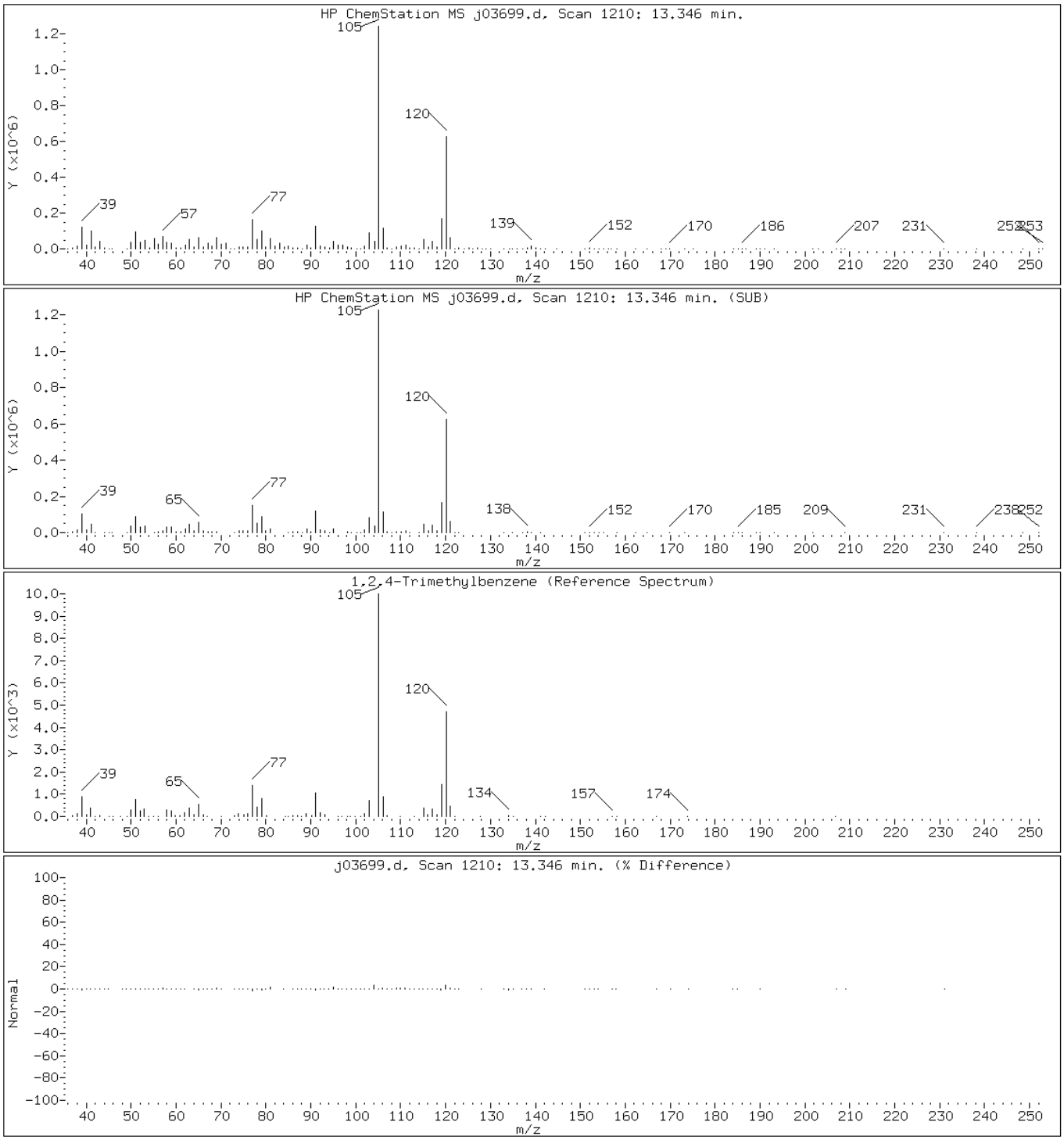
Data File: j03699.d

Date: 15-SEP-2011 08:39

Client ID: PMP-2-WT-S (8.0-8.5 Instrument: VOAMS8.i

Sample Info: 460-30837-C-2-A;100;;9.74;5 Operator:

101 1,2,4-Trimethylbenzene



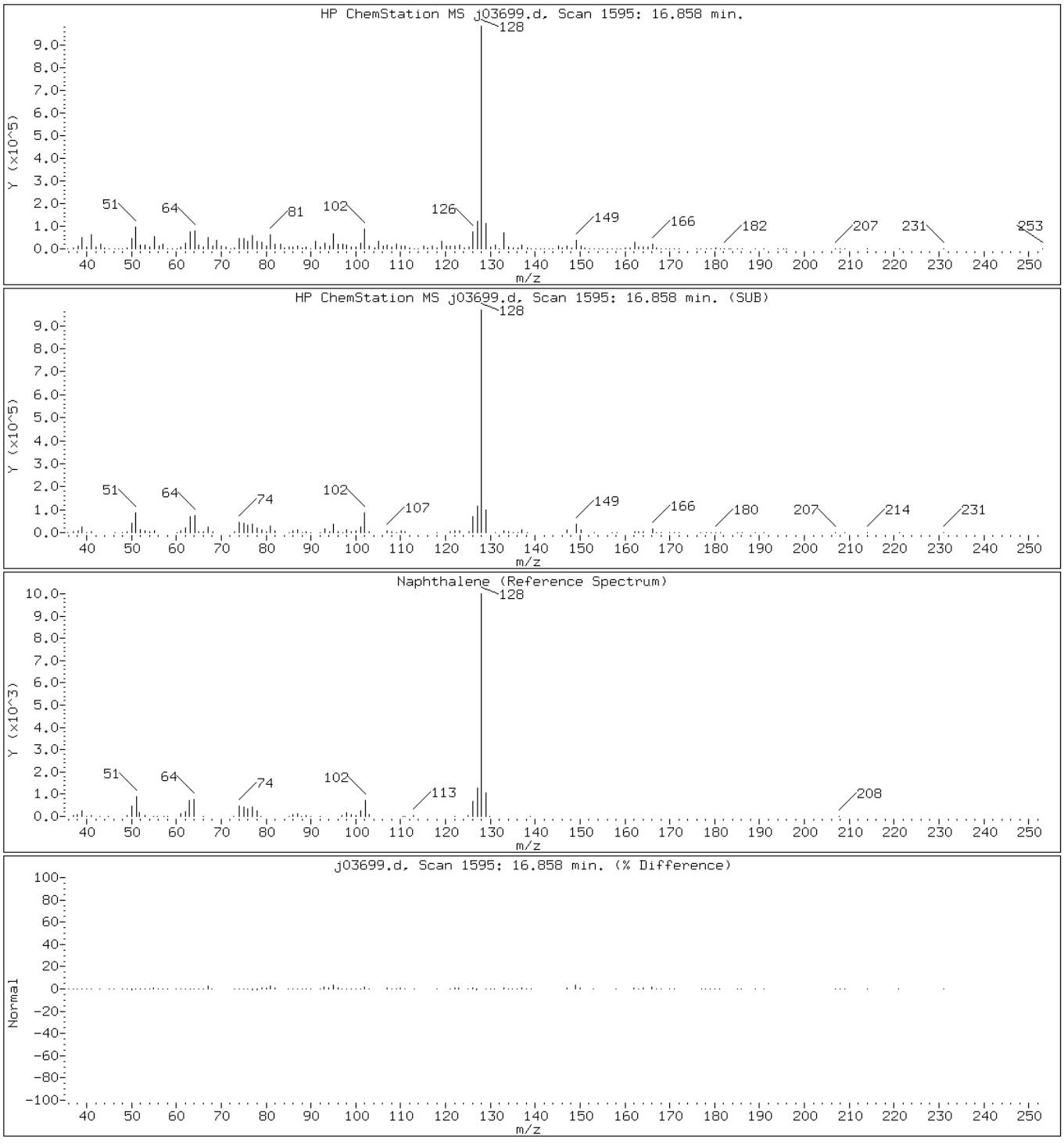
Data File: j03699.d

Date: 15-SEP-2011 08:39

Client ID: PMP-2-WT-S (8.0-8.5 Instrument: VOAMS8.i

Sample Info: 460-30837-C-2-A;100;;9.74;5 Operator:

116 Naphthalene



Data File: j03699.d

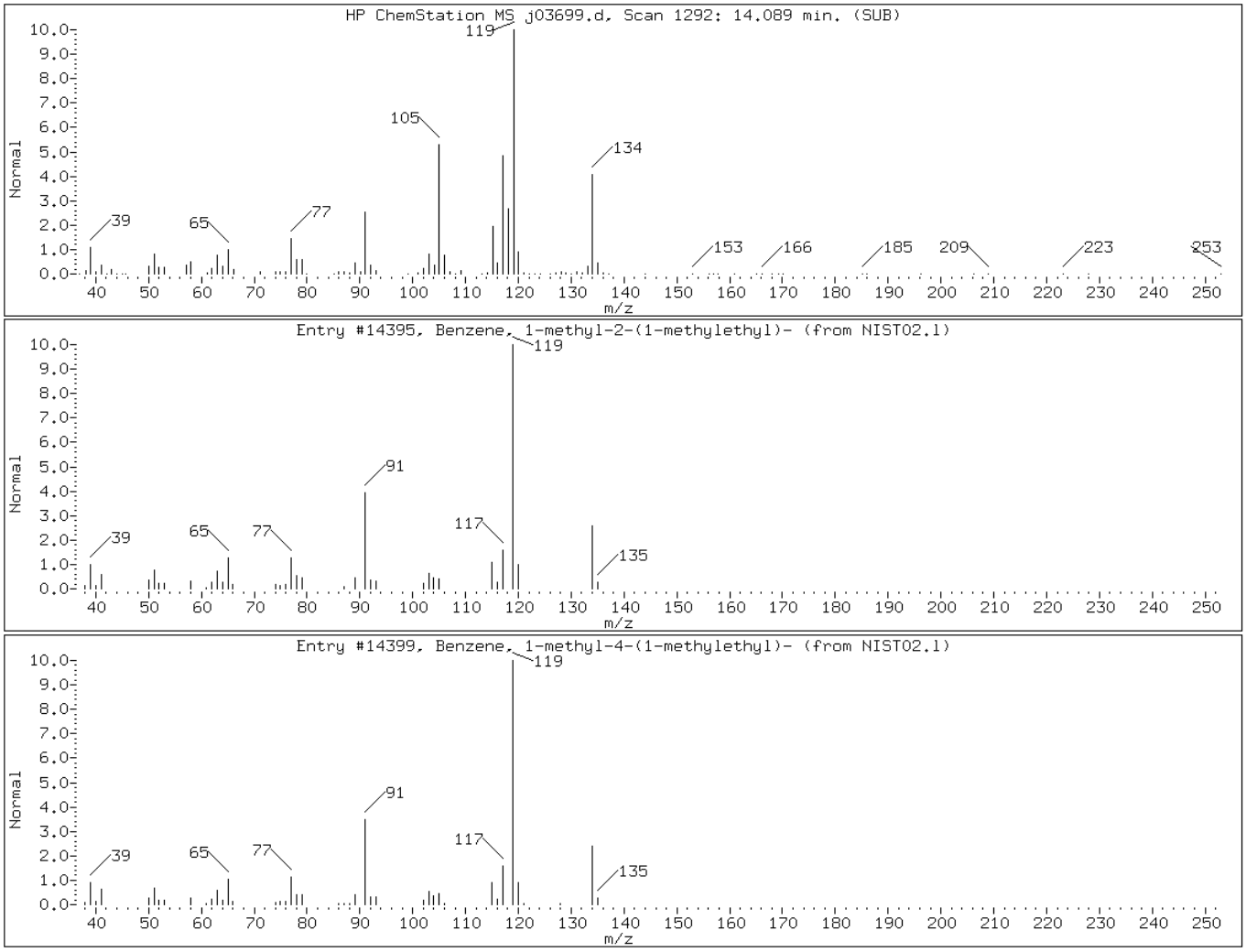
Date: 15-SEP-2011 08:39

Client ID: PMP-2-WT-S (8.0-8.5 Instrument: VOAMS8.i

Sample Info: 460-30837-C-2-A;100;;9.74;5 Operator:

Retention Time: 14.09

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H14 Aromatic						
Benzene, 1-methyl-2-(1-methylethyl	527-84-4	NIST02.l	14395	70	C10H14	134
Benzene, 1-methyl-4-(1-methylethyl	99-87-6	NIST02.l	14399	64	C10H14	134



Data File: j03699.d

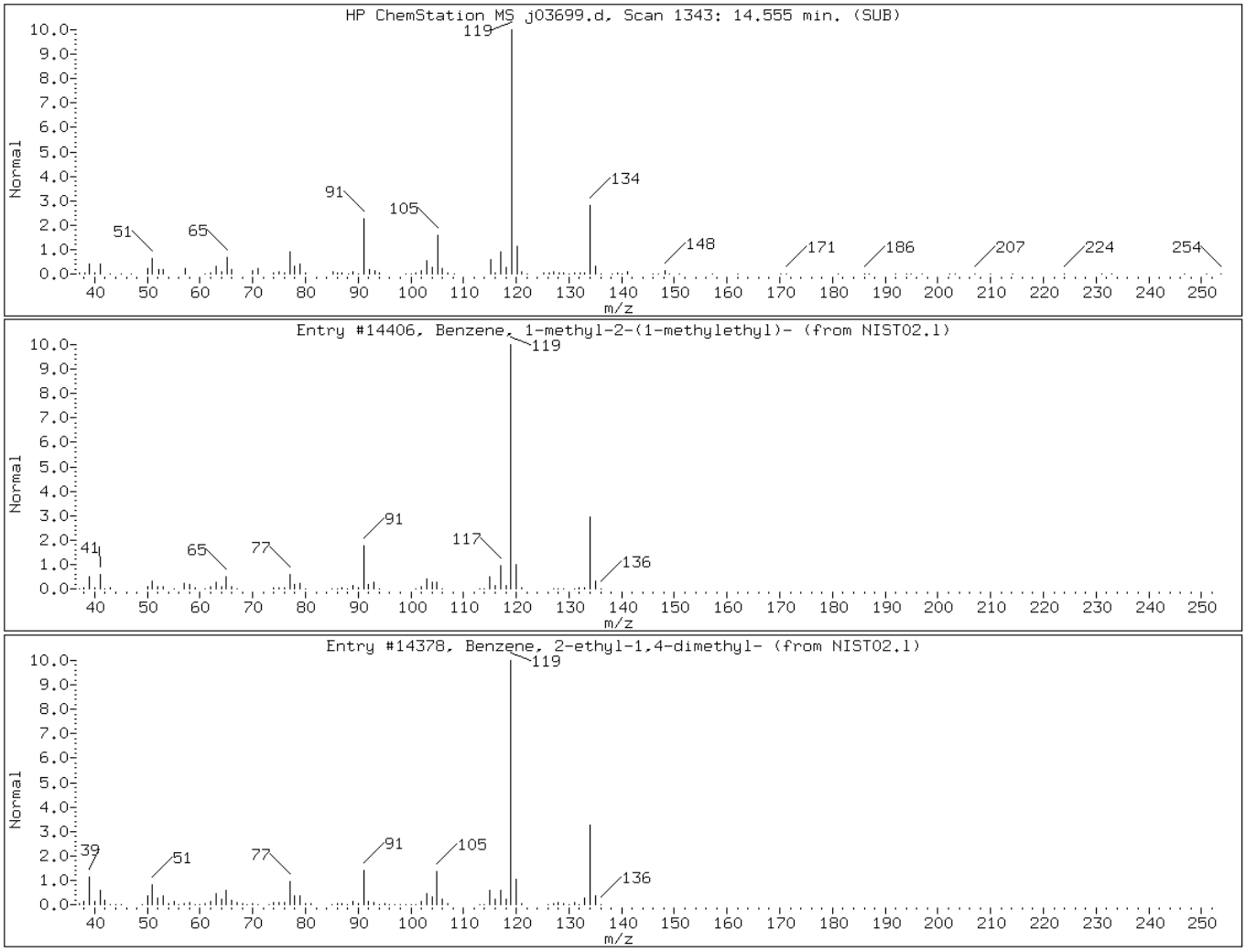
Date: 15-SEP-2011 08:39

Client ID: PMP-2-WT-S (8.0-8.5 Instrument: VOAMS8.i

Sample Info: 460-30837-C-2-A;100;;9.74;5 Operator:

Retention Time: 14.55

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H14 Aromatic-3						
Benzene, 1-methyl-2-(1-methylethyl	527-84-4	NIST02.l	14406	93	C10H14	134
Benzene, 2-ethyl-1,4-dimethyl-	1758-88-9	NIST02.l	14378	91	C10H14	134



Data File: j03699.d

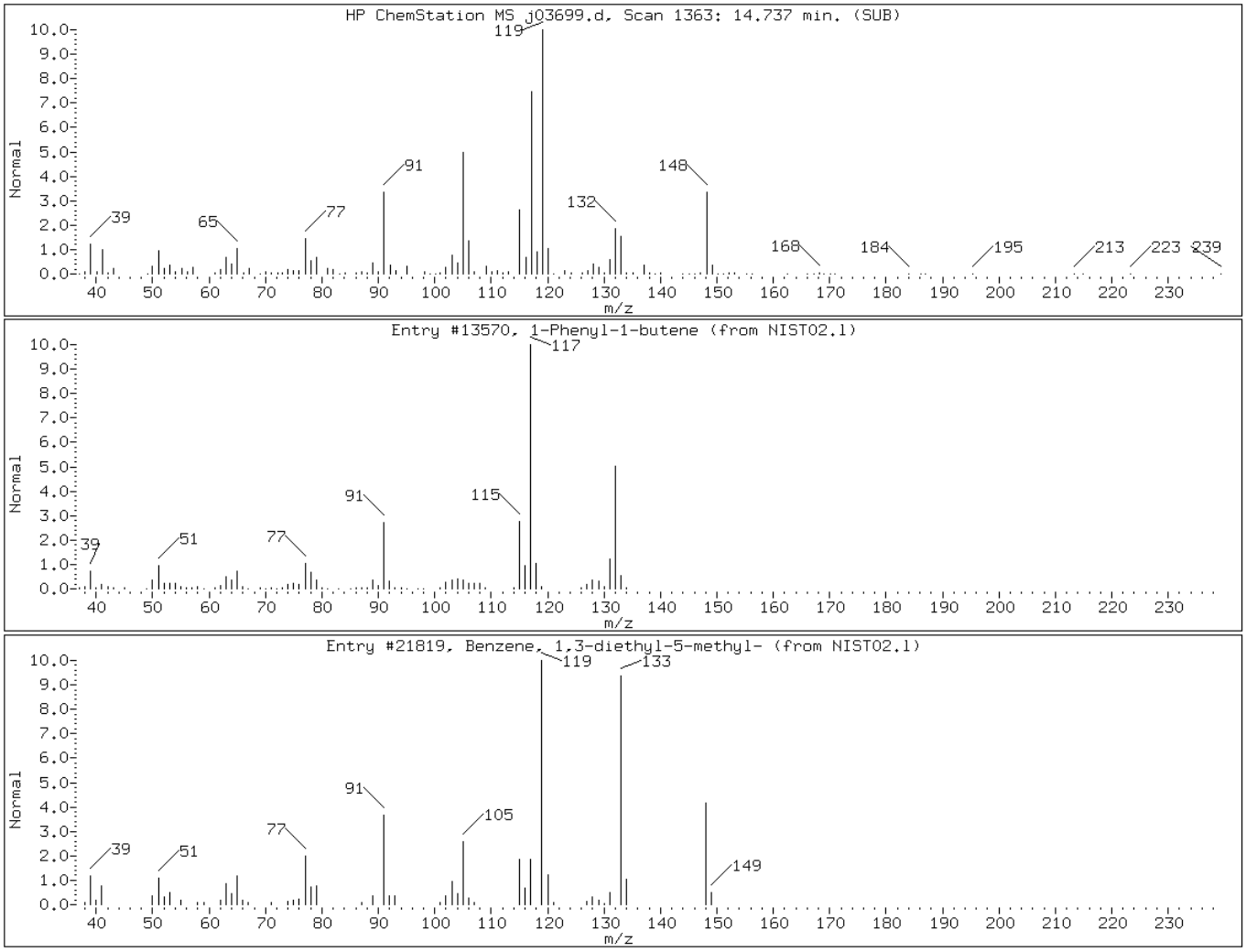
Date: 15-SEP-2011 08:39

Client ID: PMP-2-WT-S (8.0-8.5 Instrument: VOAMS8.i

Sample Info: 460-30837-C-2-A;100;;9.74;5 Operator:

Retention Time: 14.74

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Coeluting Aromatics						
1-Phenyl-1-butene	824-90-8	NIST02.l	13570	50	C10H12	132
Benzene, 1,3-diethyl-5-methyl-	2050-24-0	NIST02.l	21819	50	C11H16	148



Data File: j03699.d

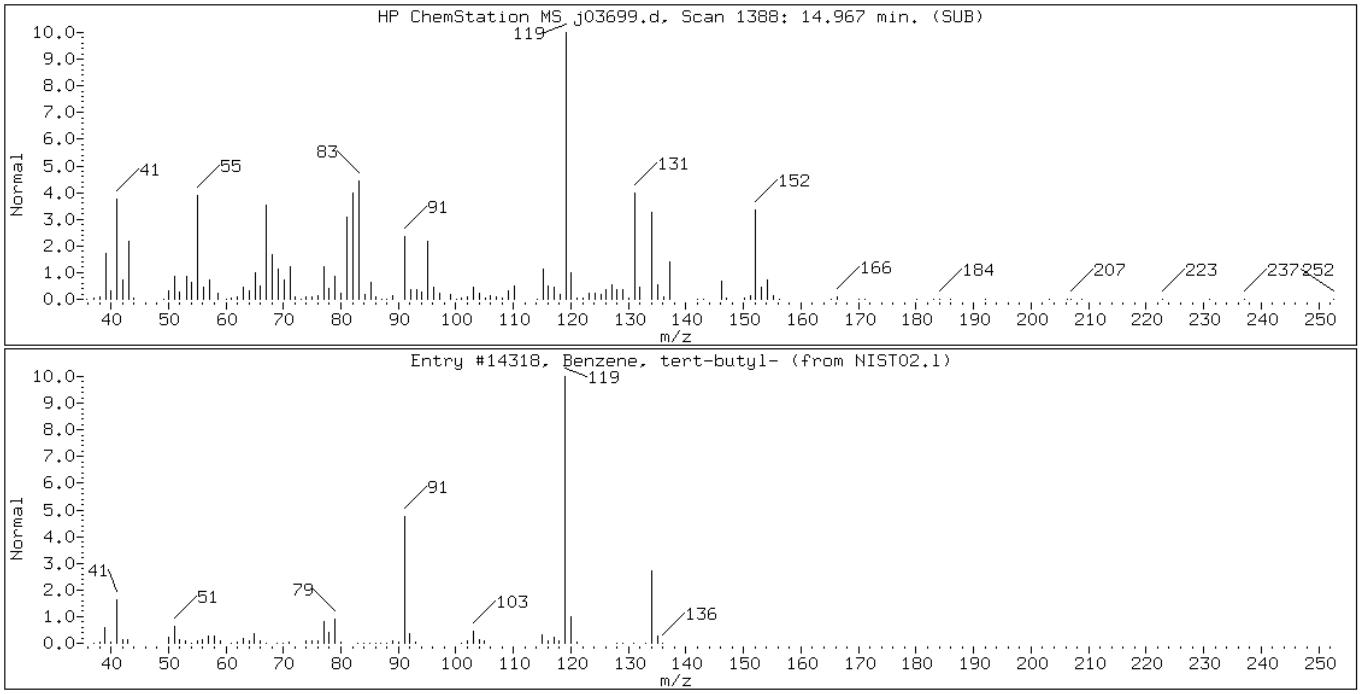
Date: 15-SEP-2011 08:39

Client ID: PMP-2-WT-S (8.0-8.5 Instrument: VOAMS8.i

Sample Info: 460-30837-C-2-A;100;;9.74;5 Operator:

Retention Time: 14.97

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Coeluting Aromatics-1						
Benzene, tert-butyl-	98-06-6	NIST02.l	14318	51	C10H14	134



Data File: j03699.d

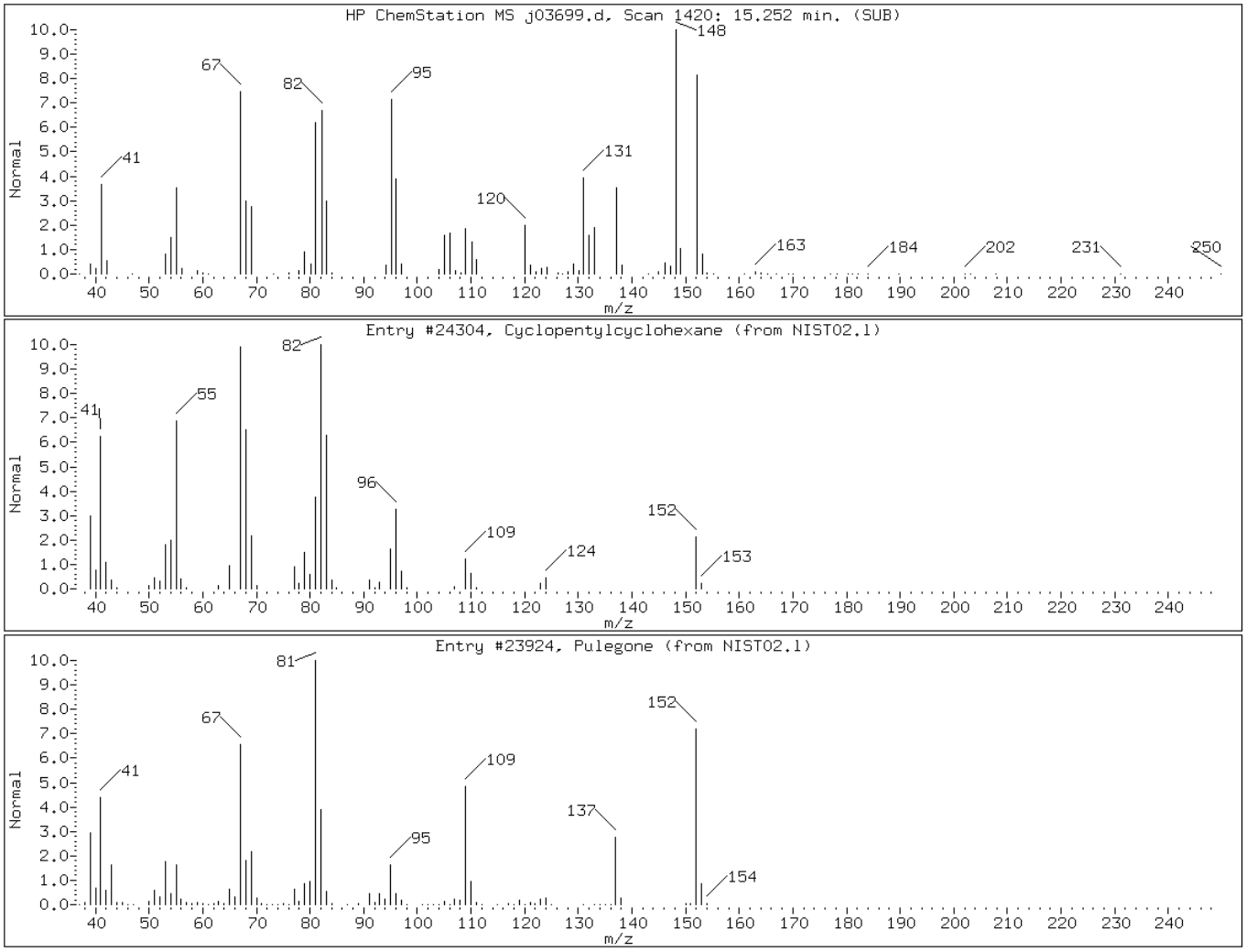
Date: 15-SEP-2011 08:39

Client ID: PMP-2-WT-S (8.0-8.5 Instrument: VOAMS8.i

Sample Info: 460-30837-C-2-A;100;;9.74;5 Operator:

Retention Time: 15.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
Cyclopentylcyclohexane	1606-08-2	NIST02.l	24304	46	C11H20	152
Pulegone	89-82-7	NIST02.l	23924	43	C10H16O	152



Data File: j03699.d

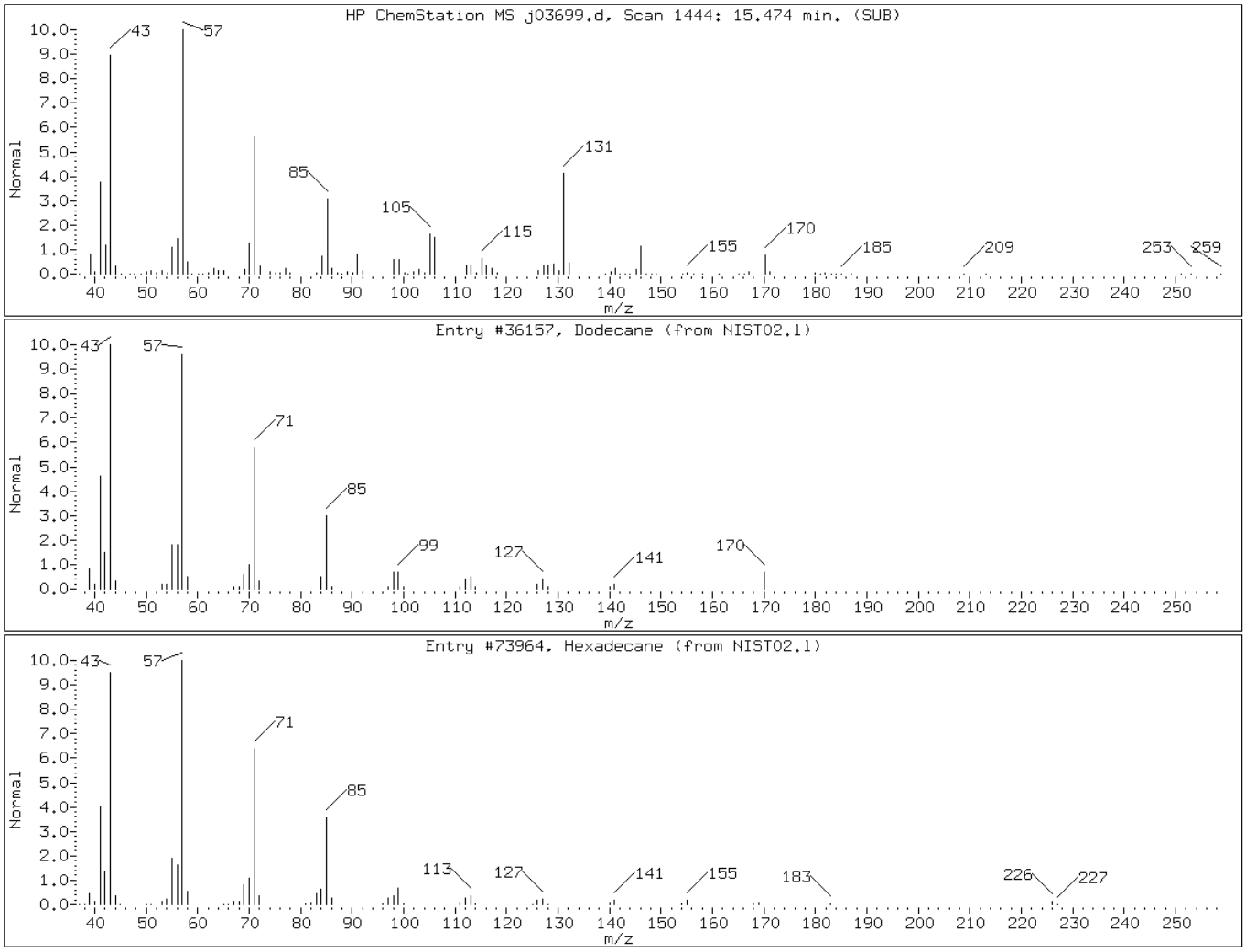
Date: 15-SEP-2011 08:39

Client ID: PMP-2-WT-S (8.0-8.5 Instrument: VOAMS8.i

Sample Info: 460-30837-C-2-A;100;;9.74;5 Operator:

Retention Time: 15.47

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C12H26 Alkane/C11H14 Aromatic						
Dodecane	112-40-3	NIST02.l	36157	95	C12H26	170
Hexadecane	544-76-3	NIST02.l	73964	45	C16H34	226



Data File: j03699.d

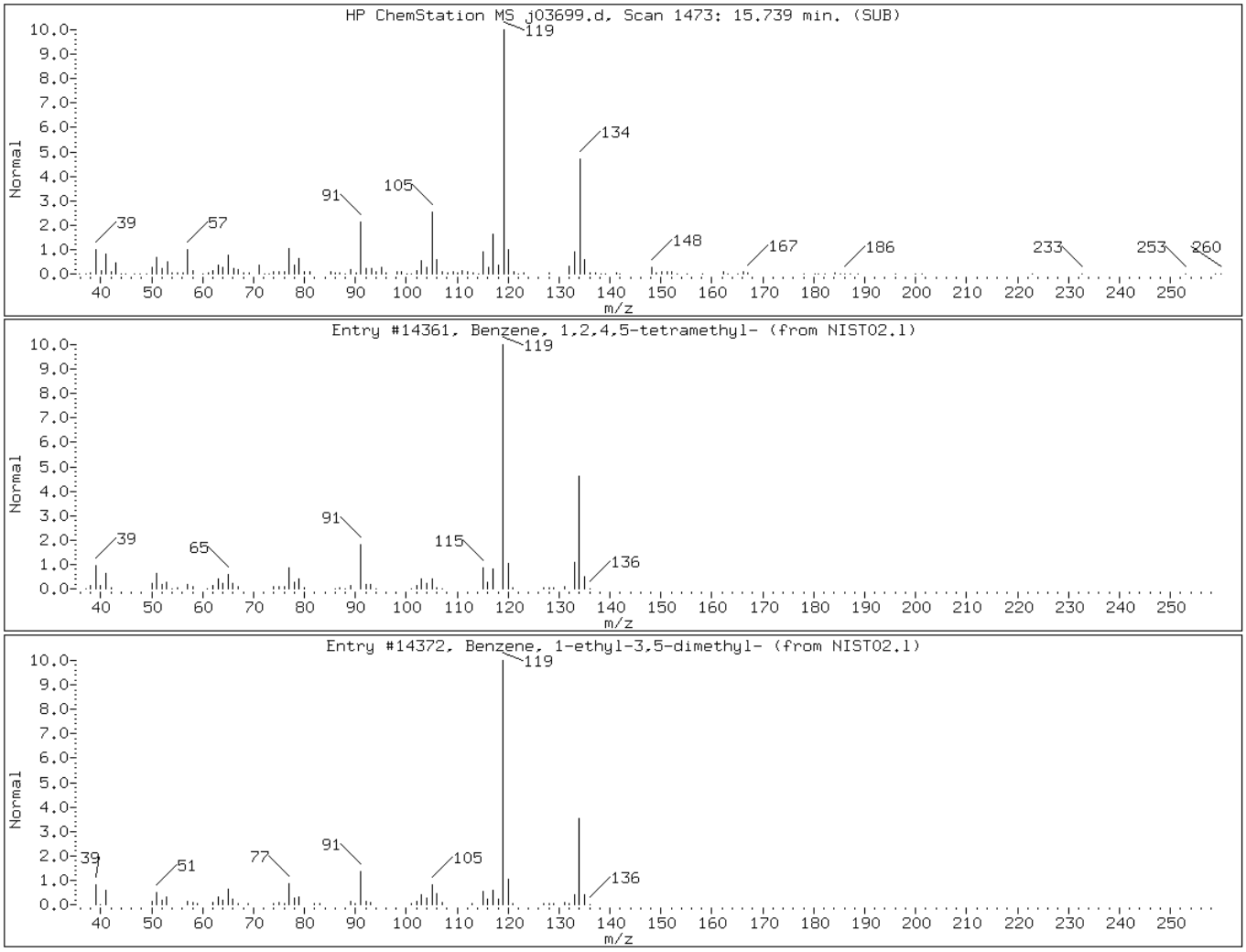
Date: 15-SEP-2011 08:39

Client ID: PMP-2-WT-S (8.0-8.5 Instrument: VOAMS8.i

Sample Info: 460-30837-C-2-A;100;;9.74;5 Operator:

Retention Time: 15.74

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H14 Aromatic-5						
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.l	14361	94	C10H14	134
Benzene, 1-ethyl-3,5-dimethyl-	934-74-7	NIST02.l	14372	93	C10H14	134



Data File: j03699.d

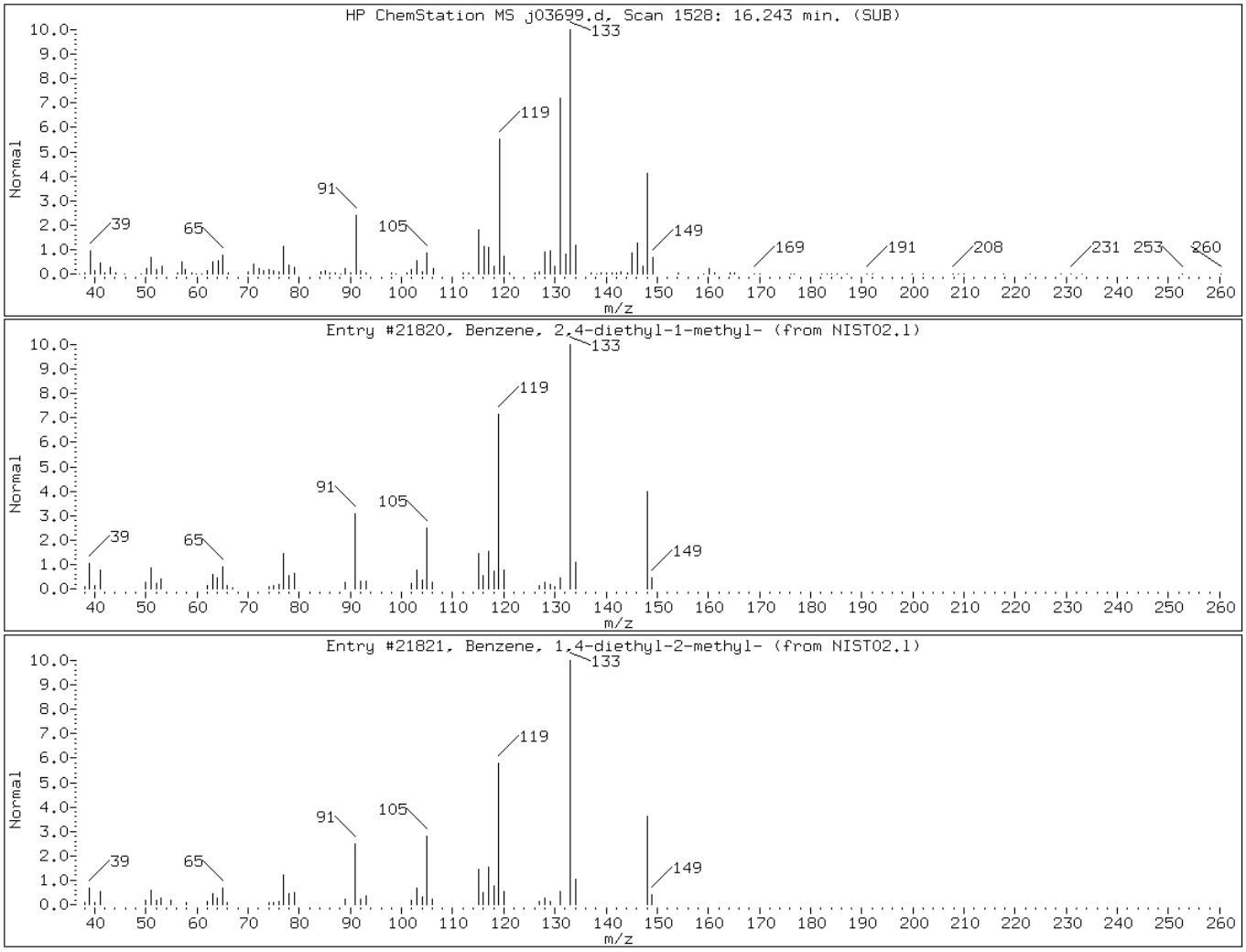
Date: 15-SEP-2011 08:39

Client ID: PMP-2-WT-S (8.0-8.5 Instrument: VOAMS8.i

Sample Info: 460-30837-C-2-A;100;;9.74;5 Operator:

Retention Time: 16.24

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H16 Aromatic						
Benzene, 2,4-diethyl-1-methyl-	1758-85-6	NIST02.l	21820	70	C11H16	148
Benzene, 1,4-diethyl-2-methyl-	13632-94-5	NIST02.l	21821	62	C11H16	148



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-2-SI-S (10.5-11.0) Lab Sample ID: 460-30837-3

Matrix: Solid Lab File ID: j03712.d

Analysis Method: 8260B Date Collected: 09/08/2011 16:25

Sample wt/vol: 9.91(g) Date Analyzed: 09/15/2011 15:36

Soil Aliquot Vol: 5 (mL) Dilution Factor: 100

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.53(mm)

% Moisture: 15.2 Level: (low/med) Medium

Analysis Batch No.: 86112 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	59	U	59	13
74-83-9	Bromomethane	59	U	59	19
75-01-4	Vinyl chloride	59	U	59	7.1
75-00-3	Chloroethane	59	U	59	26
75-09-2	Methylene Chloride	59	U	59	11
67-64-1	Acetone	590	U	590	150
75-15-0	Carbon disulfide	19	J *	59	8.7
75-69-4	Trichlorofluoromethane	59	U	59	9.3
75-35-4	1,1-Dichloroethene	59	U	59	8.4
75-34-3	1,1-Dichloroethane	59	U	59	5.9
156-60-5	trans-1,2-Dichloroethene	59	U	59	8.2
156-59-2	cis-1,2-Dichloroethene	16	J	59	12
67-66-3	Chloroform	59	U	59	9.2
78-93-3	2-Butanone	590	U	590	49
107-06-2	1,2-Dichloroethane	59	U	59	15
71-55-6	1,1,1-Trichloroethane	59	U	59	15
56-23-5	Carbon tetrachloride	59	U	59	11
71-43-2	Benzene	59	U	59	7.1
75-25-2	Bromoform	59	U	59	5.9
100-42-5	Styrene	59	U	59	8.3
100-41-4	Ethylbenzene	660		59	15
108-90-7	Chlorobenzene	150		59	9.8
110-82-7	Cyclohexane	14	J	59	7.4
98-82-8	Isopropylbenzene	200		59	13
591-78-6	2-Hexanone	590	U	590	32
1634-04-4	MTBE	59	U	59	11
76-13-1	Freon TF	59	U	59	17
79-20-9	Methyl acetate	120	U	120	20
123-91-1	1,4-Dioxane	3000	U	3000	510
79-01-6	Trichloroethene	46	J	59	11
108-88-3	Toluene	400		59	5.6
10061-02-6	trans-1,3-Dichloropropene	59	U	59	7.3
108-10-1	4-Methyl-2-pentanone	590	U	590	41
10061-01-5	cis-1,3-Dichloropropene	59	U	59	6.1
95-50-1	1,2-Dichlorobenzene	3700		59	9.7
541-73-1	1,3-Dichlorobenzene	2400		59	13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-2-SI-S (10.5-11.0) | Lab Sample ID: 460-30837-3

Matrix: Solid | Lab File ID: j03712.d

Analysis Method: 8260B | Date Collected: 09/08/2011 16:25

Sample wt/vol: 9.91(g) | Date Analyzed: 09/15/2011 15:36

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 15.2 | Level: (low/med) Medium

Analysis Batch No.: 86112 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	7500		59	9.0
120-82-1	1,2,4-Trichlorobenzene	4300		59	26
87-61-6	1,2,3-Trichlorobenzene	2600		59	49
78-87-5	1,2-Dichloropropane	59	U	59	5.2
108-87-2	Methylcyclohexane	450		59	4.8
127-18-4	Tetrachloroethene	59	U	59	12
1330-20-7	Xylenes, Total	3900		180	26
96-12-8	1,2-Dibromo-3-Chloropropane	59	U	59	9.1
79-34-5	1,1,2,2-Tetrachloroethane	59	U	59	5.1
79-00-5	1,1,2-Trichloroethane	59	U	59	5.8
124-48-1	Dibromochloromethane	59	U	59	6.0
106-93-4	1,2-Dibromoethane	59	U	59	5.4
75-71-8	Dichlorodifluoromethane	59	U	59	17
74-97-5	Bromochloromethane	59	U	59	10
75-27-4	Bromodichloromethane	59	U	59	5.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		57-135
2037-26-5	Toluene-d8 (Surr)	92		46-130
460-00-4	Bromofluorobenzene	93		50-124

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-2-SI-S (10.5-11.0) Lab Sample ID: 460-30837-3

Matrix: Solid Lab File ID: j03712.d

Analysis Method: 8260B Date Collected: 09/08/2011 16:25

Sample wt/vol: 9.91(g) Date Analyzed: 09/15/2011 15:36

Soil Aliquot Vol: 5 (mL) Dilution Factor: 100

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.53(mm)

% Moisture: 15.2 Level: (low/med) Medium

Analysis Batch No.: 86112 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 117600

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C10H22 Alkane/C9H12 Aromatic	12.86	8500	J
95-63-6	1,2,4-Trimethylbenzene	13.34	8400	
	C10H14 Aromatic	13.60	6400	J
	C11H24 Alkane-1/C10H14 Aromatic-1	14.12	24000	J
	Coeluting Aromatics	14.73	14000	J
	Decahydromethylnaphthalene isomer	15.24	5900	J
	C12H26 Alkane/C11H14 Aromatic	15.46	11000	J
	C10H14 Aromatic-6	15.72	25000	J
	C11H14 Aromatic-1/C11H16 Aromatic	16.23	7300	J
91-20-3	Naphthalene	16.84	7100	

Data File: /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03712.d
Report Date: 21-Sep-2011 18:37

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03712.d
Lab Smp Id: 460-30837-C-3-A Client Smp ID: PMP-2-SI-S (10.5-11
Inj Date : 15-SEP-2011 15:36
Operator : Inst ID: VOAMS8.i
Smp Info : 460-30837-C-3-A;100;9.91;5
Misc Info : 460-30837-C-3-A
Comment   :
Method   : /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/8260_09.m
Meth Date : 15-Sep-2011 04:53 audberto Quant Type: ISTD
Cal Date : 14-SEP-2011 06:22 Cal File: j03643.d
Als bottle: 23
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	9.91000	Weight of sample extracted (g)
M	15.19231	% 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)
	18 Carbon Disulfide	76	4.625	4.592	(0.587)	14288	0.31823	19(a)
	36 cis-1,2-Dichloroethene	96	6.425	6.391	(0.815)	5062	0.26904	16(a)
	44 Cyclohexane	56	7.153	7.117	(0.907)	4322	0.24122	14(a)
$	47 1,2-Dichloroethane-d4 (SUR)	65	7.474	7.452	(0.948)	359551	23.8725	1400
*	52 Fluorobenzene	96	7.884	7.862	(1.000)	2528739	50.0000	
	54 Trichloroethene	95	8.332	8.304	(1.057)	15802	0.77518	46(a)
	56 Methyl cyclohexane	83	8.549	8.549	(1.084)	99489	7.59574	450
$	65 Toluene-d8 (SUR)	98	9.739	9.730	(0.859)	985662	22.9474	1400
	66 Toluene	91	9.820	9.804	(0.866)	374112	6.68365	400
*	78 Chlorobenzene-d5	117	11.335	11.328	(1.000)	1904473	50.0000	
	79 Chlorobenzene	112	11.361	11.365	(1.002)	98314	2.54765	150
	81 Ethylbenzene	106	11.459	11.448	(1.011)	174698	11.1155	660
	82 m+p-Xylene	106	11.568	11.568	(1.020)	874674	41.4854	2500
	84 o-Xylene	106	11.988	11.984	(1.058)	513130	24.4384	1400

Data File: /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03712.d
Report Date: 21-Sep-2011 18:37

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	88 Isopropylbenzene	105	12.344	12.338	(1.089)	157697	3.28876	200
$	89 Bromofluorobenzene (SUR)	174	12.538	12.529	(0.911)	449885	23.2248	1400
	95 n-Propylbenzene	91	12.764	12.760	(0.927)	237077	4.60477	270
	97 1,3,5-Trimethylbenzene	105	12.928	12.920	(0.939)	2679823	75.3535	4500
	101 1,2,4-Trimethylbenzene	105	13.340	13.332	(0.969)	5305679	141.058	8400
	103 sec-Butylbenzene	105	13.526	13.524	(0.983)	599620	13.1853	780
	105 1,3-Dichlorobenzene	146	13.699	13.698	(0.995)	975678	39.5489	2400
*	108 1,4-Dichlorobenzene-d4	152	13.764	13.760	(1.000)	858598	50.0000	
	109 1,4-Dichlorobenzene	146	13.791	13.797	(1.002)	3971870	126.801	7500
	111 1,2-Dichlorobenzene	146	14.238	14.238	(1.034)	1668219	62.7149	3700
	114 1,2,4-Trichlorobenzene	180	16.390	16.393	(1.191)	939333	71.9243	4300
	116 Naphthalene	128	16.839	16.838	(1.223)	2727219	118.721	7100
	117 1,2,3-Trichlorobenzene	180	17.252	17.269	(1.253)	581308	43.4737	2600
M	121 Xylene (Total)	100				1387804	65.9238	3900

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03712.d
Report Date: 21-Sep-2011 18:37

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03712.d
Lab Smp Id: 460-30837-C-3-A Client Smp ID: PMP-2-SI-S (10.5-11
Inj Date : 15-SEP-2011 15:36
Operator : Inst ID: VOAMS8.i
Smp Info : 460-30837-C-3-A;100;9.91;5
Misc Info : 460-30837-C-3-A
Comment   :
Method   : /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/8260_09.m
Meth Date : 15-Sep-2011 04:53 audberto Quant Type: ISTD
Cal Date : 14-SEP-2011 06:22 Cal File: j03643.d
Als bottle: 23
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	9.91000	Weight of sample extracted (g)
M	15.19231	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 78 Chlorobenzene-d5	11.335	5969716	50.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
C9H18 Cycloalkane					CAS #:		
10.783	3672427	30.7588095	1800	0		0	78
C9H18 Cycloalkane-1					CAS #:		
12.197	7111387	59.5621859	3500	0		0	78

Data File: /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03712.d
Report Date: 21-Sep-2011 18:37

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
C10H22 Alkane/C9H12 Aromatic					CAS #:		
12.864	16958221	142.035399	8400	0		0	78(ML)
C11H24 Alkane/C9H12 Aromatic01					CAS #:		
13.167	8987626	75.2768257	4500	0		0	78
C10H14 Aromatic					CAS #:		
13.599	12765695	106.920441	6400	0		0	78(L)
C11H24 Alkane-1/C10H14 Aromatic-1					CAS #:		
14.120	48243571	404.069192	24000	0		0	78
C9H8 Aromatic/C10H14 Aromatic-2					CAS #:		
14.339	10518451	88.0984153	5200	0		0	78(L)
C10H14 Aromatic-3					CAS #:		
14.449	7754081	64.9451378	3900	0		0	78
C10H14 Aromatic-4					CAS #:		
14.541	11573998	96.9392606	5800	0		0	78
Coeluting Aromatics					CAS #:		
14.725	28523773	238.903915	14000	0		0	78
Unknown					CAS #:		
14.956	10377160	86.9150179	5200	0		0	78
C10H14 Aromatic-5					CAS #:		
15.122	3461689	28.9937494	1700	0		0	78
Decahydromethylnaphthalene isomer					CAS #:		
15.241	11902034	99.6867633	5900	0		0	78
C12H26 Alkane/C11H14 Aromatic					CAS #:		
15.461	21083777	176.589430	10000	0		0	78
C10H14 Aromatic-6					CAS #:		
15.720	50231069	420.715696	25000	0		0	78
C10H12 Aromatic/Unknown-1					CAS #:		
16.058	3366819	28.1991546	1700	0		0	78
C11H14 Aromatic-1/C11H16 Aromatic					CAS #:		
16.234	14694455	123.074984	7300	0		0	78

Data File: /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03712.d
Report Date: 21-Sep-2011 18:37

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
C11H14 Aromatic-2					CAS #:		
17.837	5934817	49.7076973	3000	0		0	78
C11H14 Aromatic-3/C12H16 Aromatic					CAS #:		
18.222	3298653	27.6282179	1600	0		0	78

QC Flag Legend

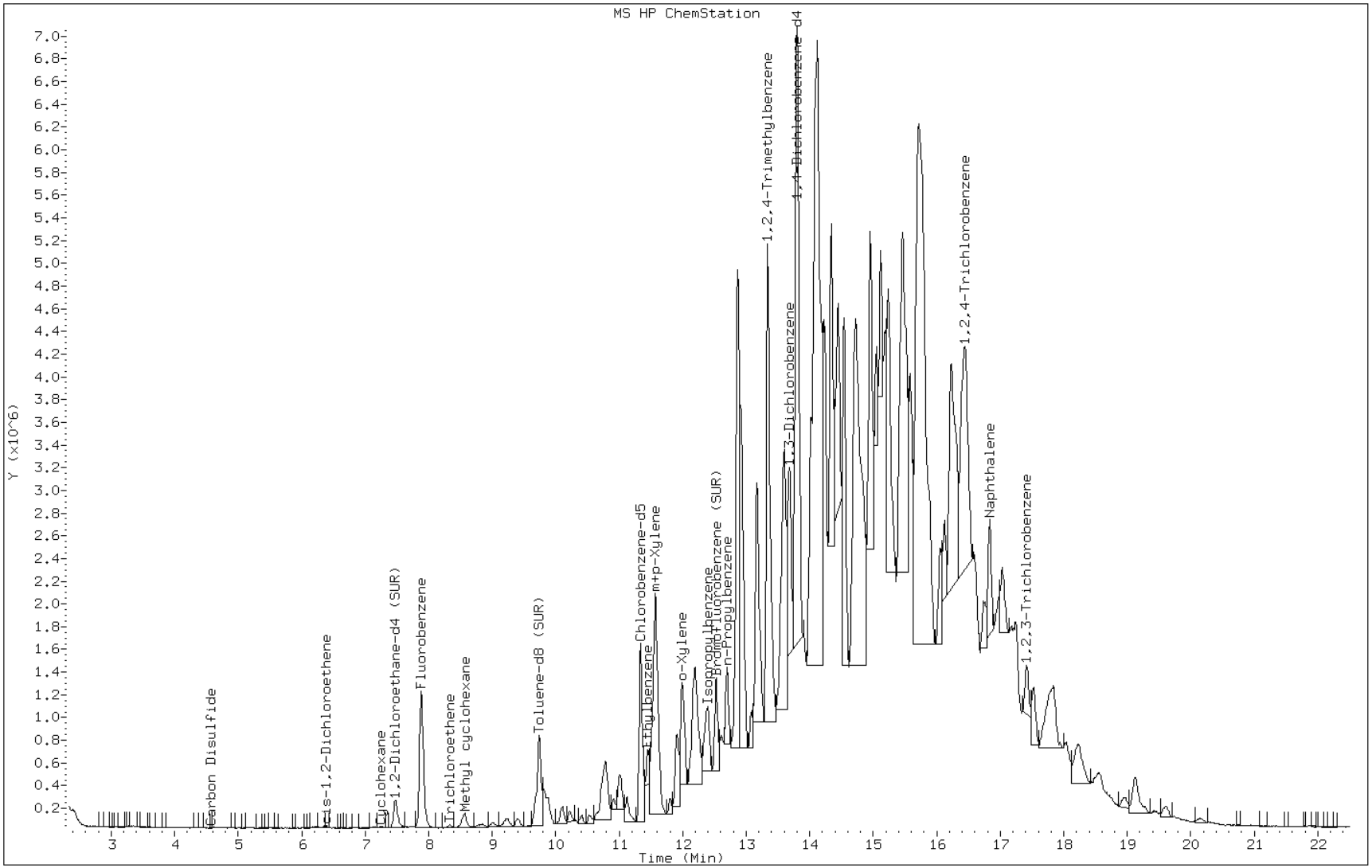
M - Compound response manually integrated.
L - Operator selected an alternate library search match.

Data File: j03712.d

Date: 15-SEP-2011 15:36

Client ID: PMP-2-SI-S (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-30837-C-3-A;100;9.91;5 Operator:



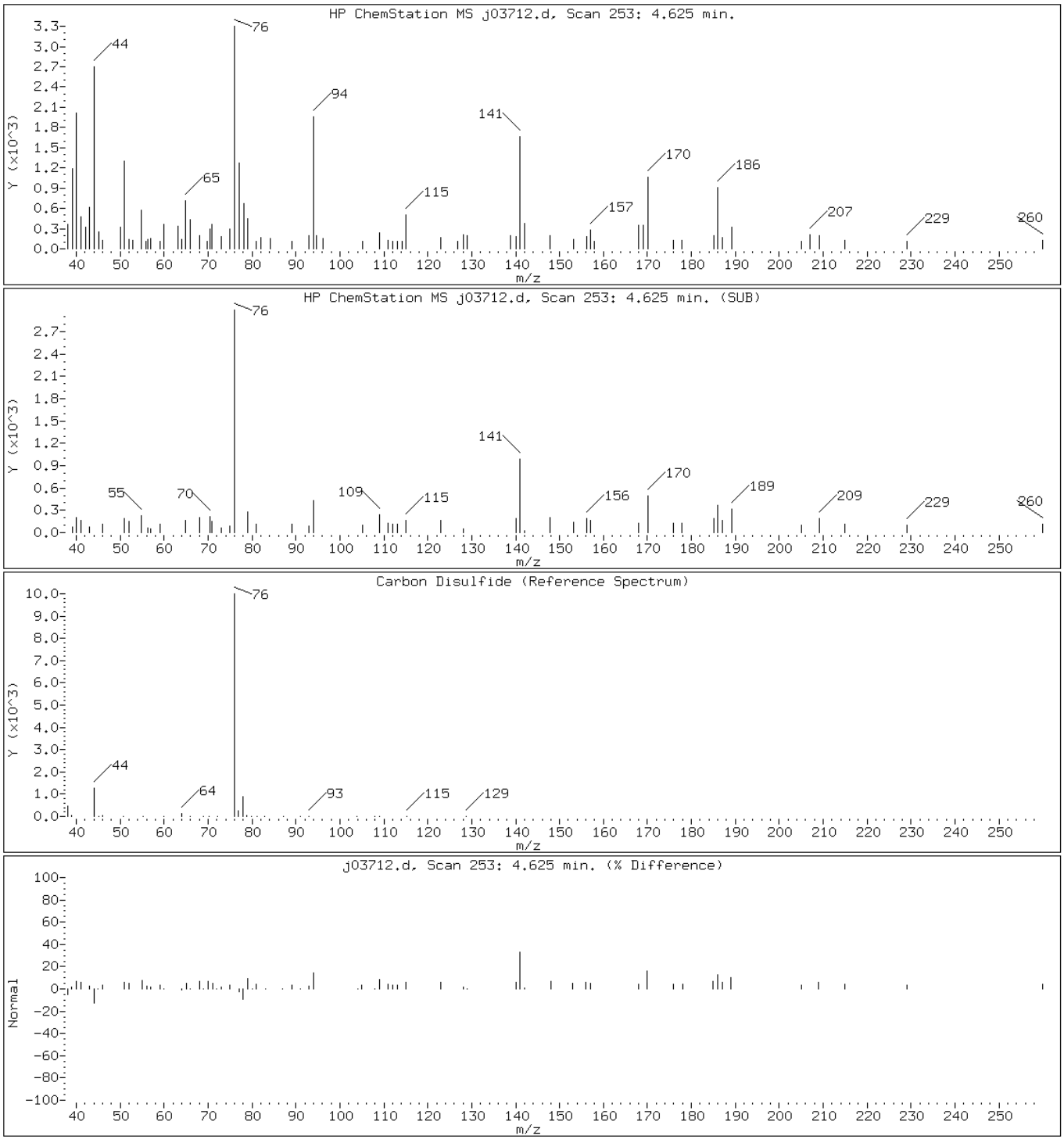
Data File: j03712.d

Date: 15-SEP-2011 15:36

Client ID: PMP-2-SI-S (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-30837-C-3-A;100;9.91;5 Operator:

18 Carbon Disulfide



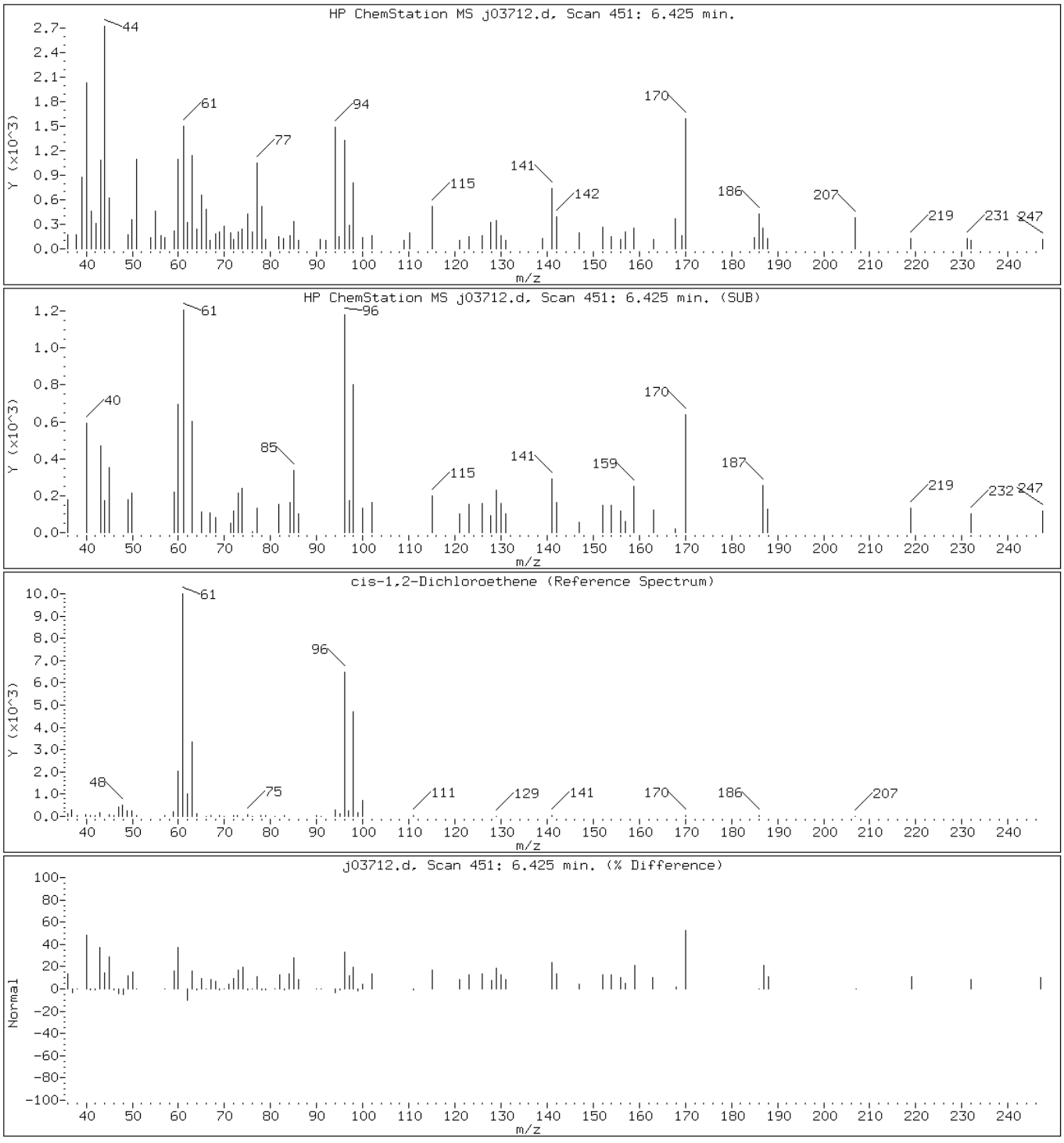
Data File: j03712.d

Date: 15-SEP-2011 15:36

Client ID: PMP-2-SI-S (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-30837-C-3-A;100;9.91;5 Operator:

36 cis-1,2-Dichloroethene



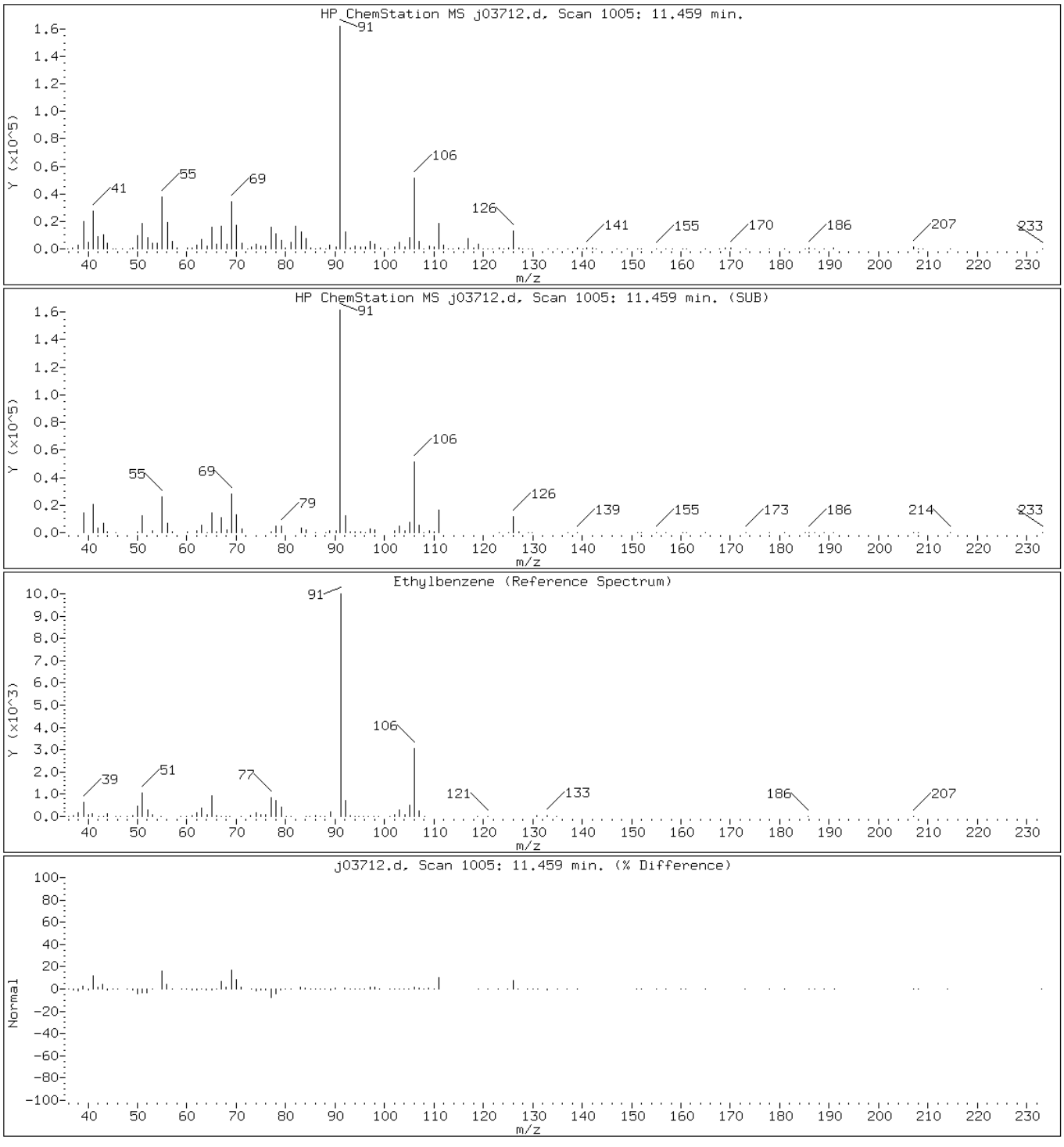
Data File: j03712.d

Date: 15-SEP-2011 15:36

Client ID: PMP-2-SI-S (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-30837-C-3-A;100;9.91;5 Operator:

81 Ethylbenzene



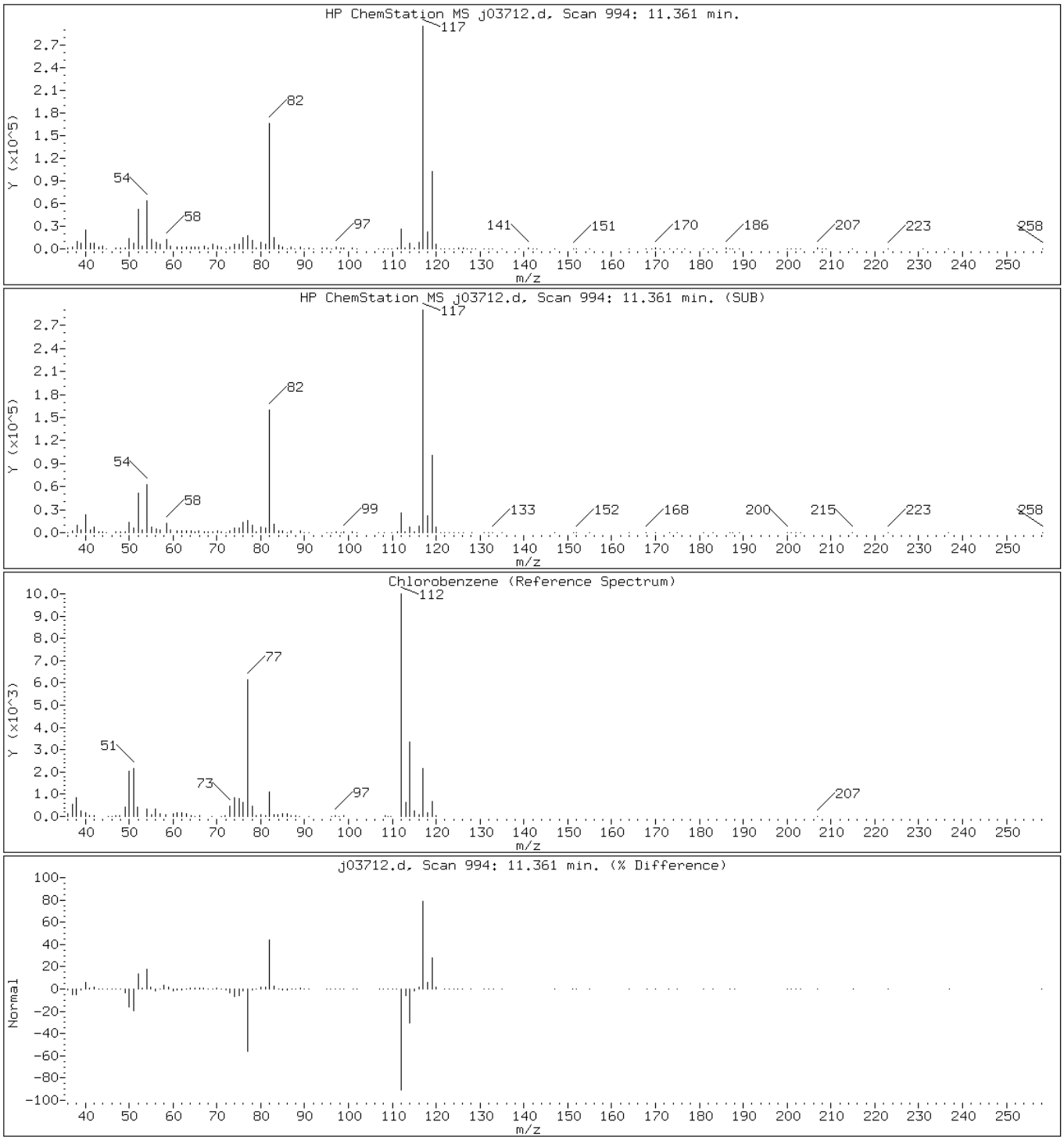
Data File: j03712.d

Date: 15-SEP-2011 15:36

Client ID: PMP-2-SI-S (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-30837-C-3-A;100;9.91;5 Operator:

79 Chlorobenzene



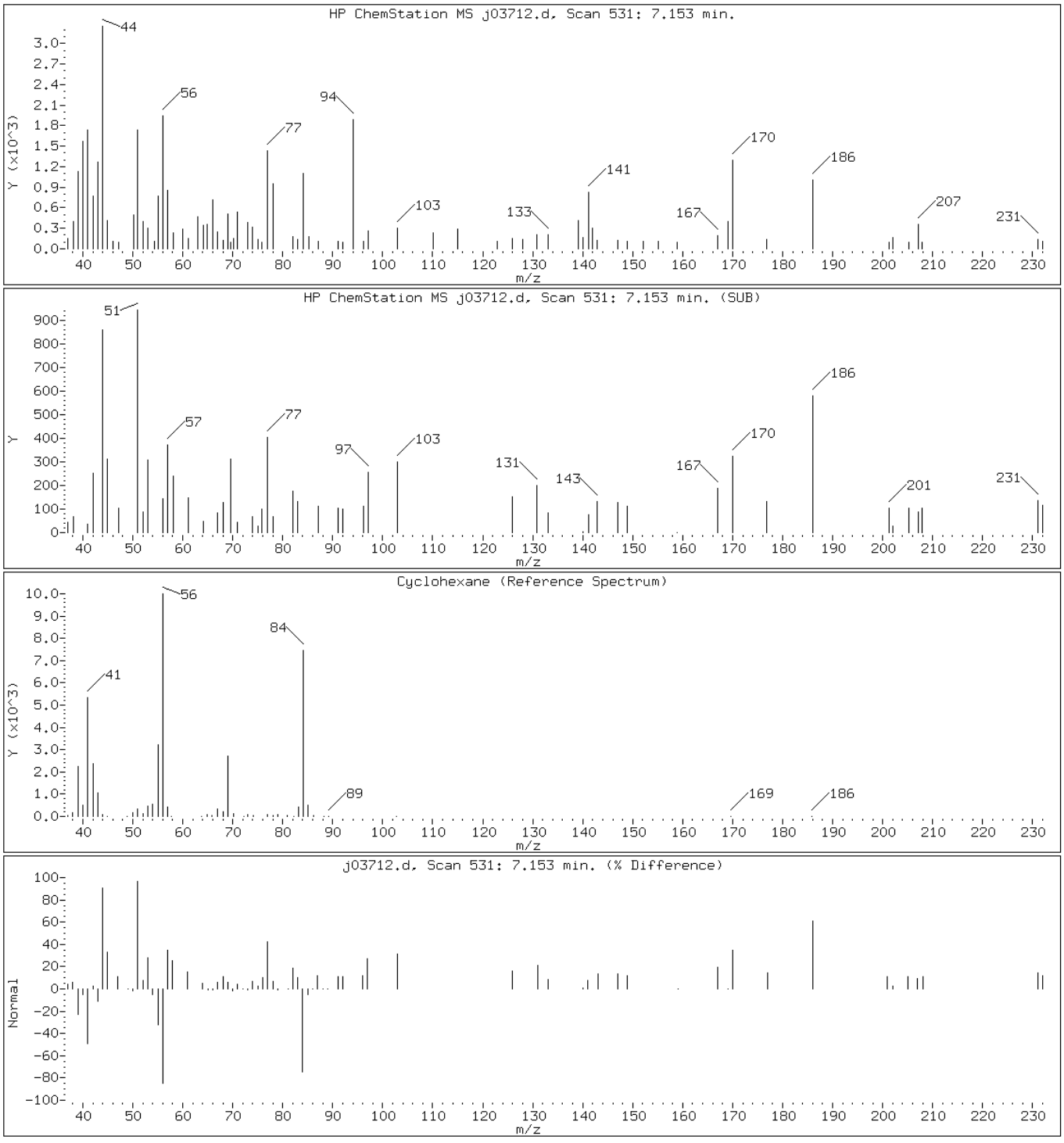
Data File: j03712.d

Date: 15-SEP-2011 15:36

Client ID: PMP-2-SI-S (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-30837-C-3-A;100;9.91;5 Operator:

44 Cyclohexane



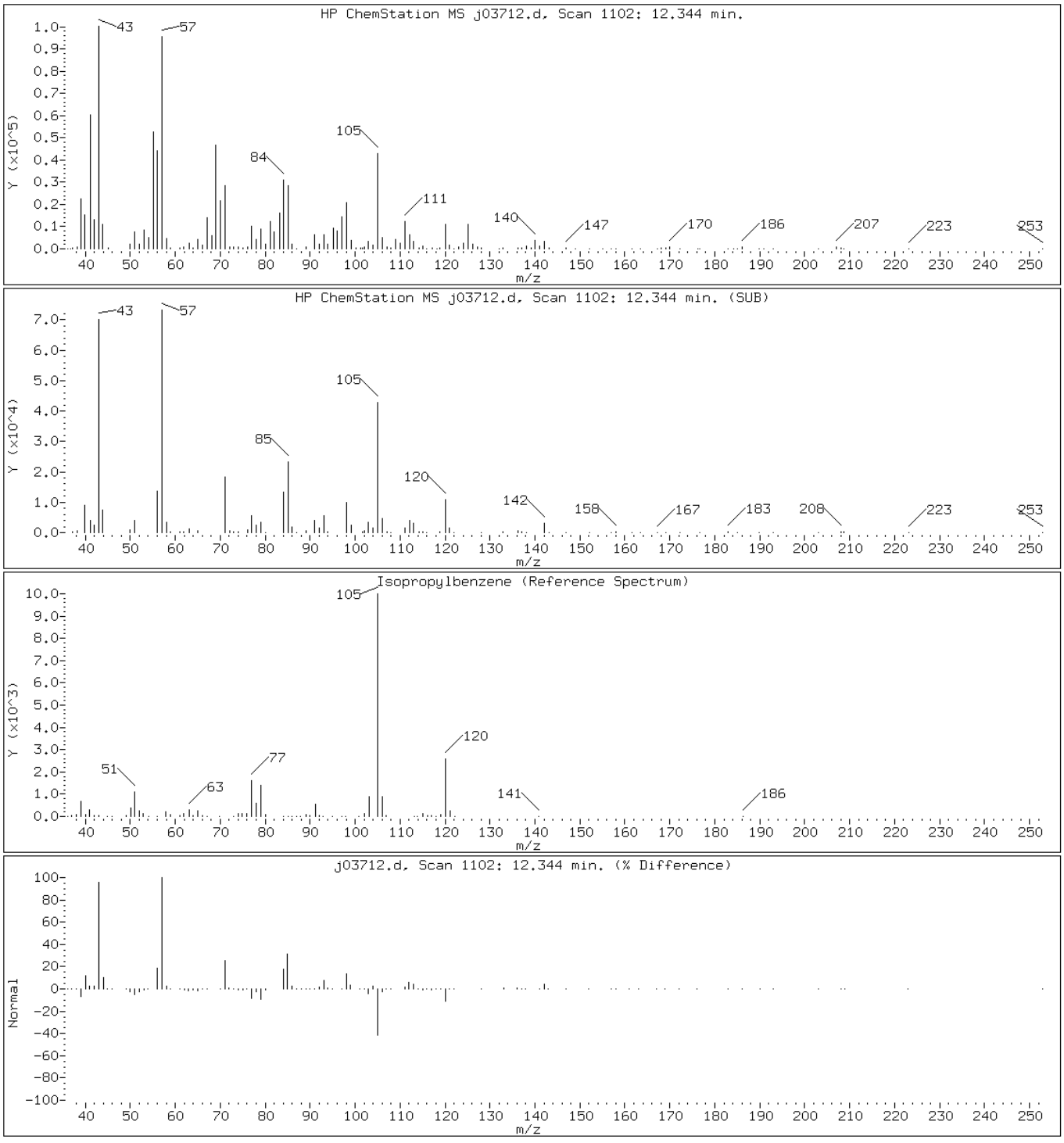
Data File: j03712.d

Date: 15-SEP-2011 15:36

Client ID: PMP-2-SI-S (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-30837-C-3-A;100;9.91;5 Operator:

88 Isopropylbenzene



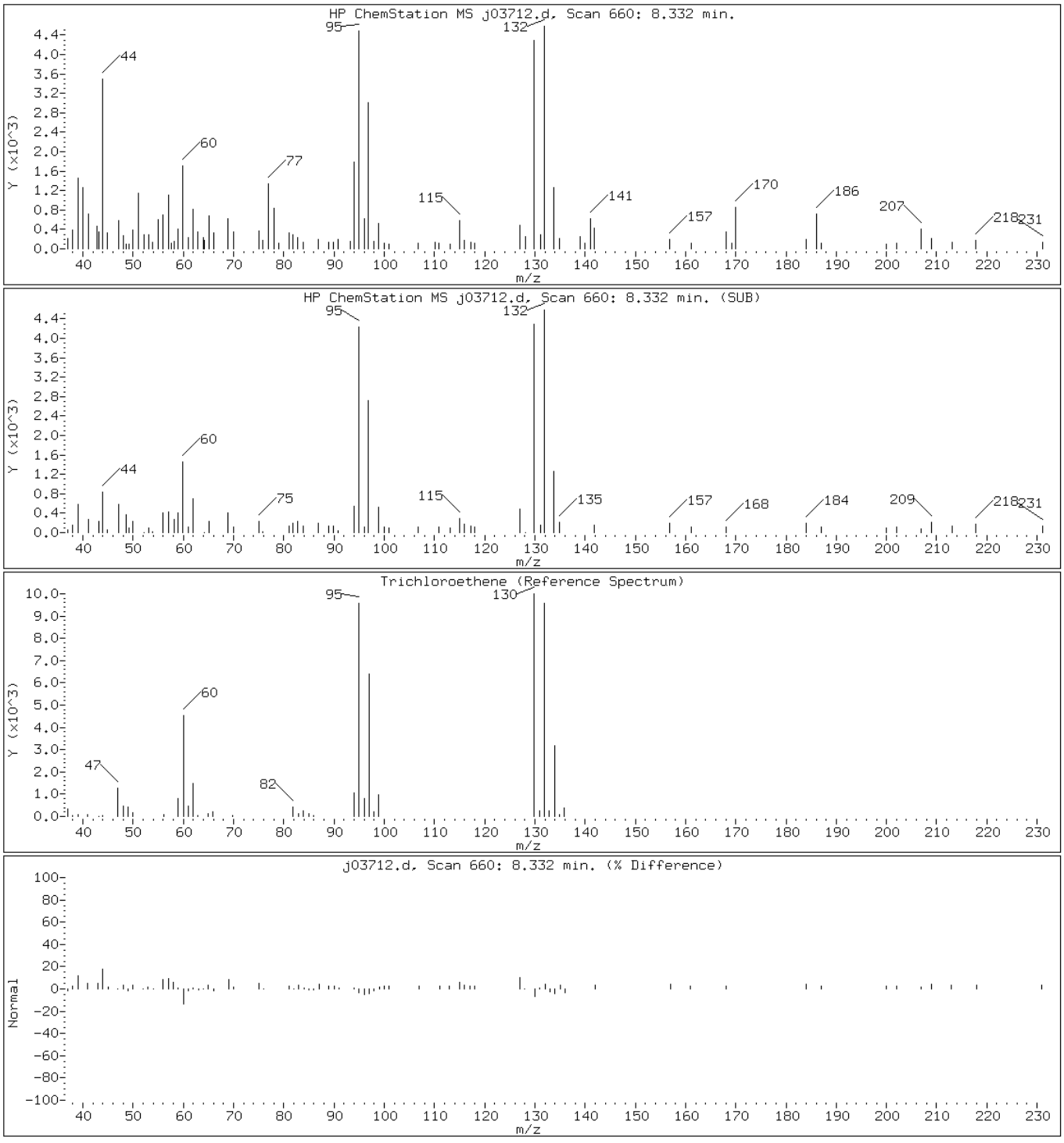
Data File: j03712.d

Date: 15-SEP-2011 15:36

Client ID: PMP-2-SI-S (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-30837-C-3-A;100;9.91;5 Operator:

54 Trichloroethene



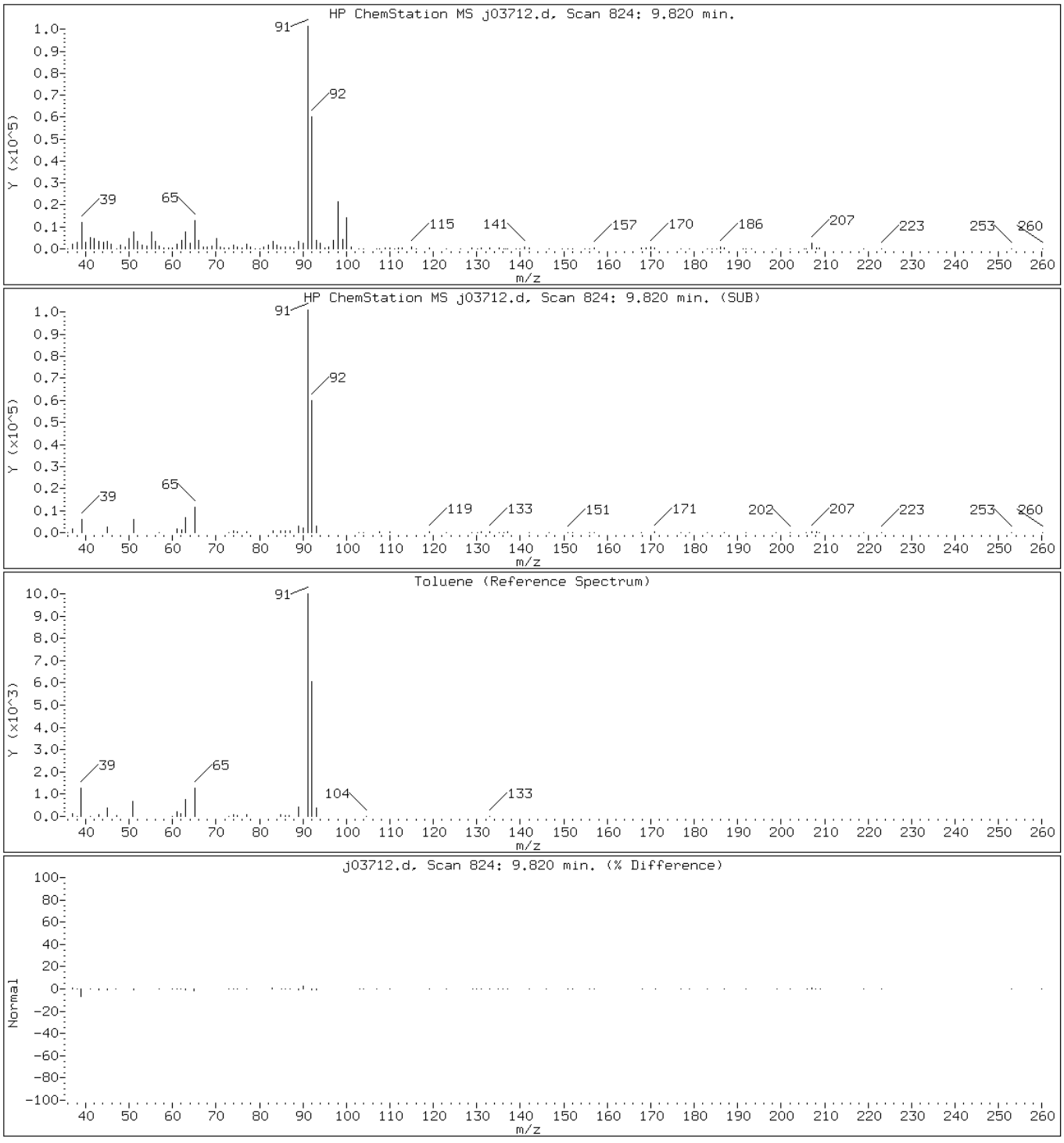
Data File: j03712.d

Date: 15-SEP-2011 15:36

Client ID: PMP-2-SI-S (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-30837-C-3-A;100;9.91;5 Operator:

66 Toluene



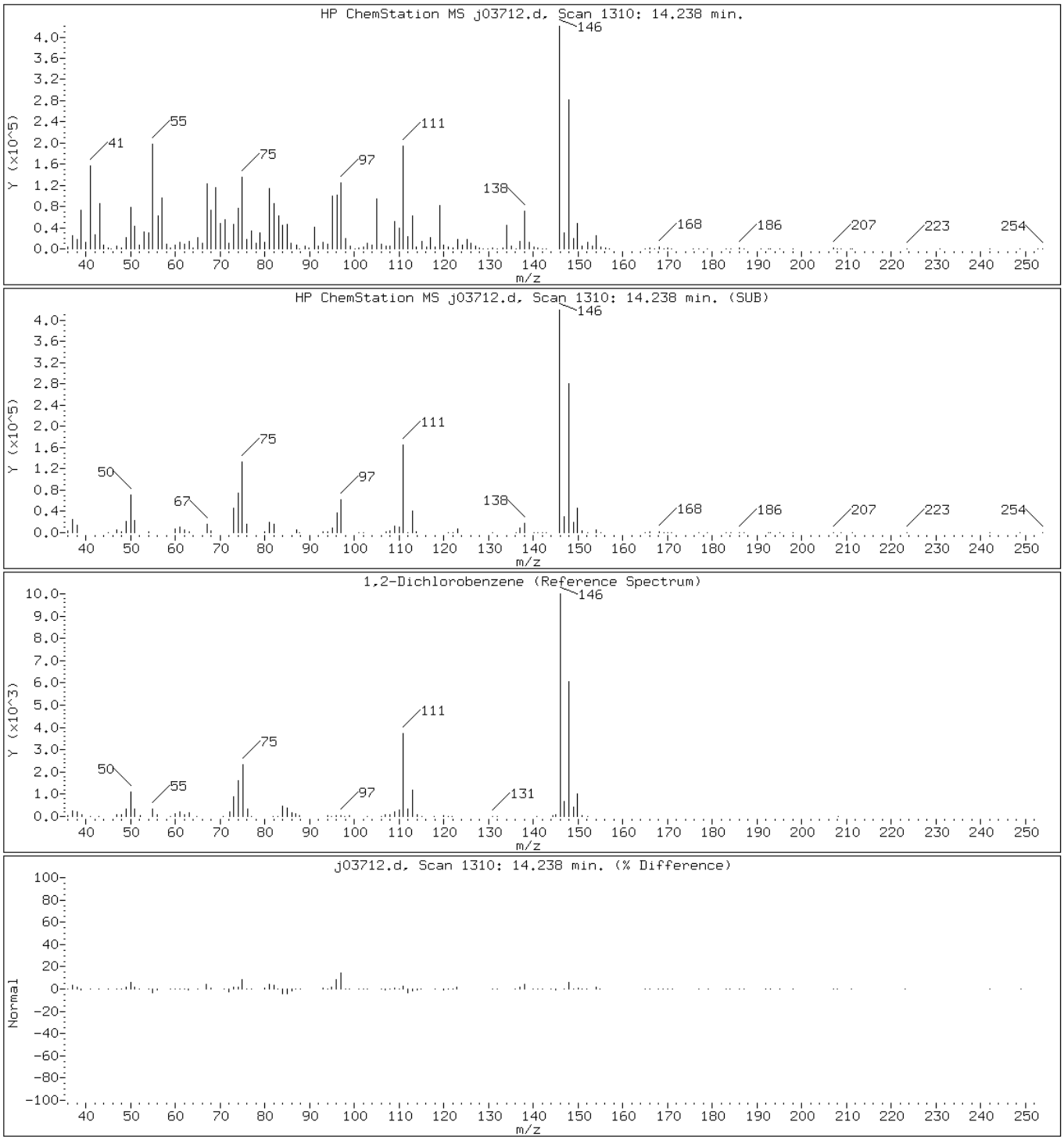
Data File: j03712.d

Date: 15-SEP-2011 15:36

Client ID: PMP-2-SI-S (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-30837-C-3-A;100;9.91;5 Operator:

111 1,2-Dichlorobenzene



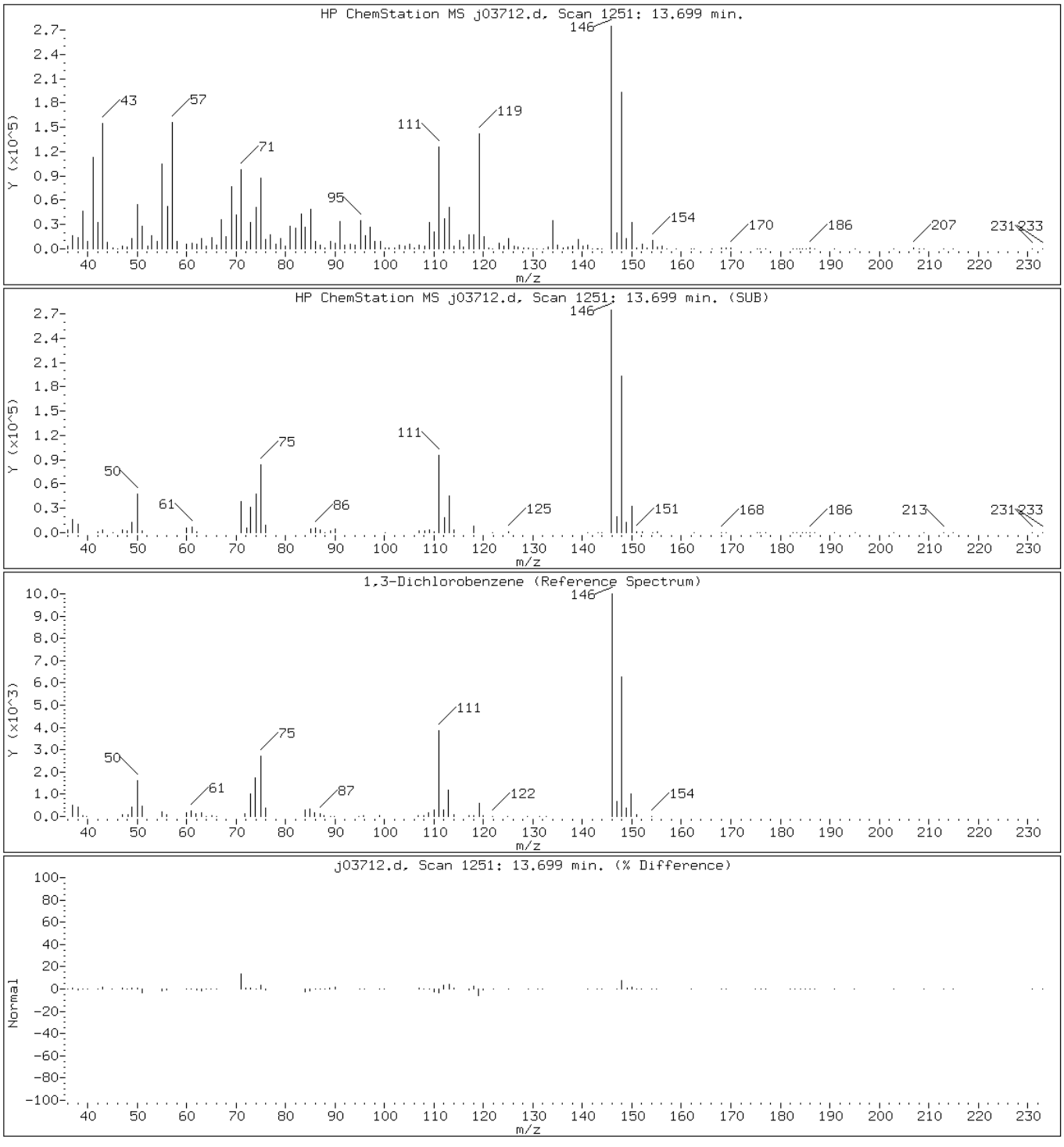
Data File: j03712.d

Date: 15-SEP-2011 15:36

Client ID: PMP-2-SI-S (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-30837-C-3-A;100;9.91;5 Operator:

105 1,3-Dichlorobenzene



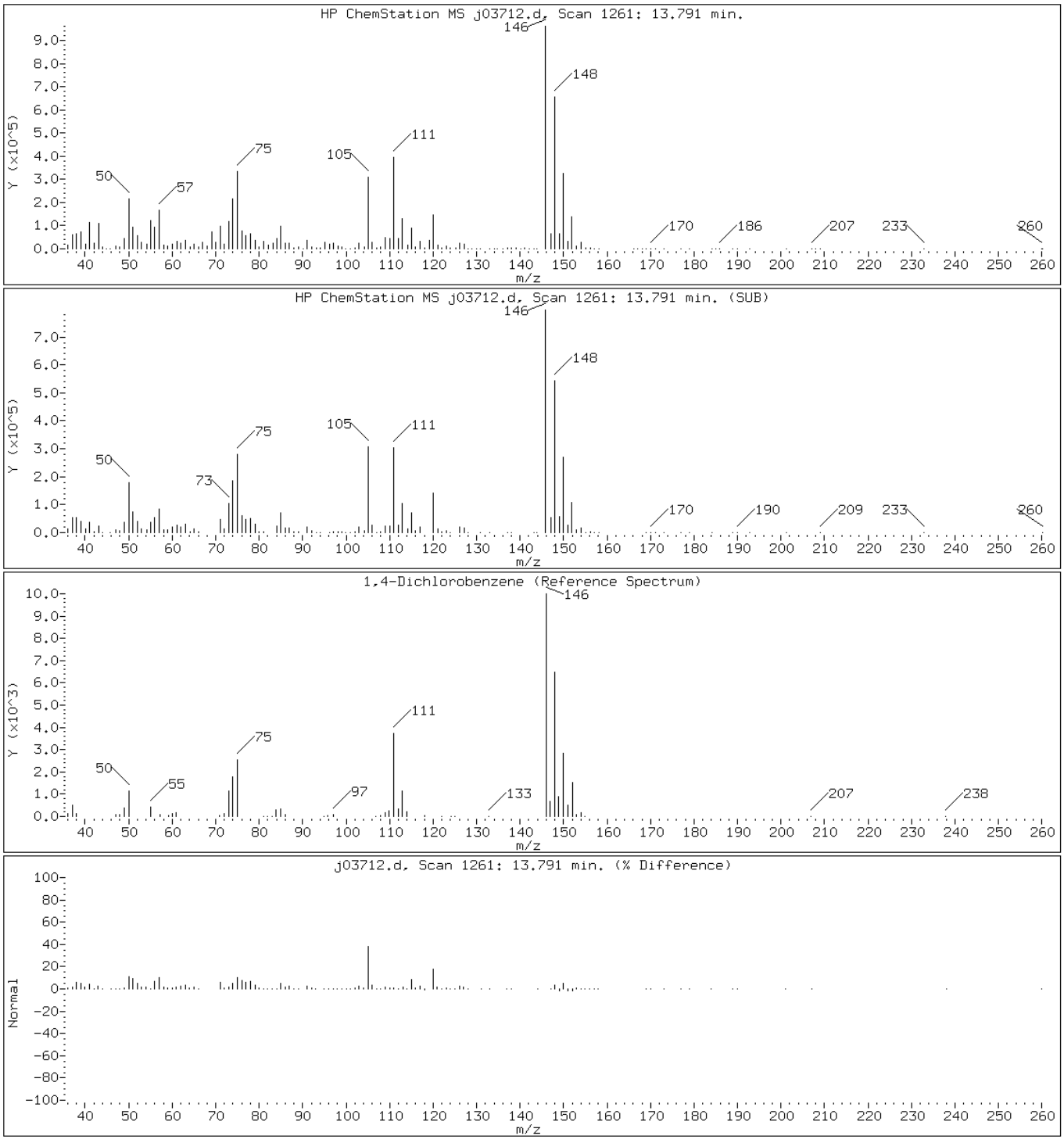
Data File: j03712.d

Date: 15-SEP-2011 15:36

Client ID: PMP-2-SI-S (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-30837-C-3-A;100;9.91;5 Operator:

109 1,4-Dichlorobenzene



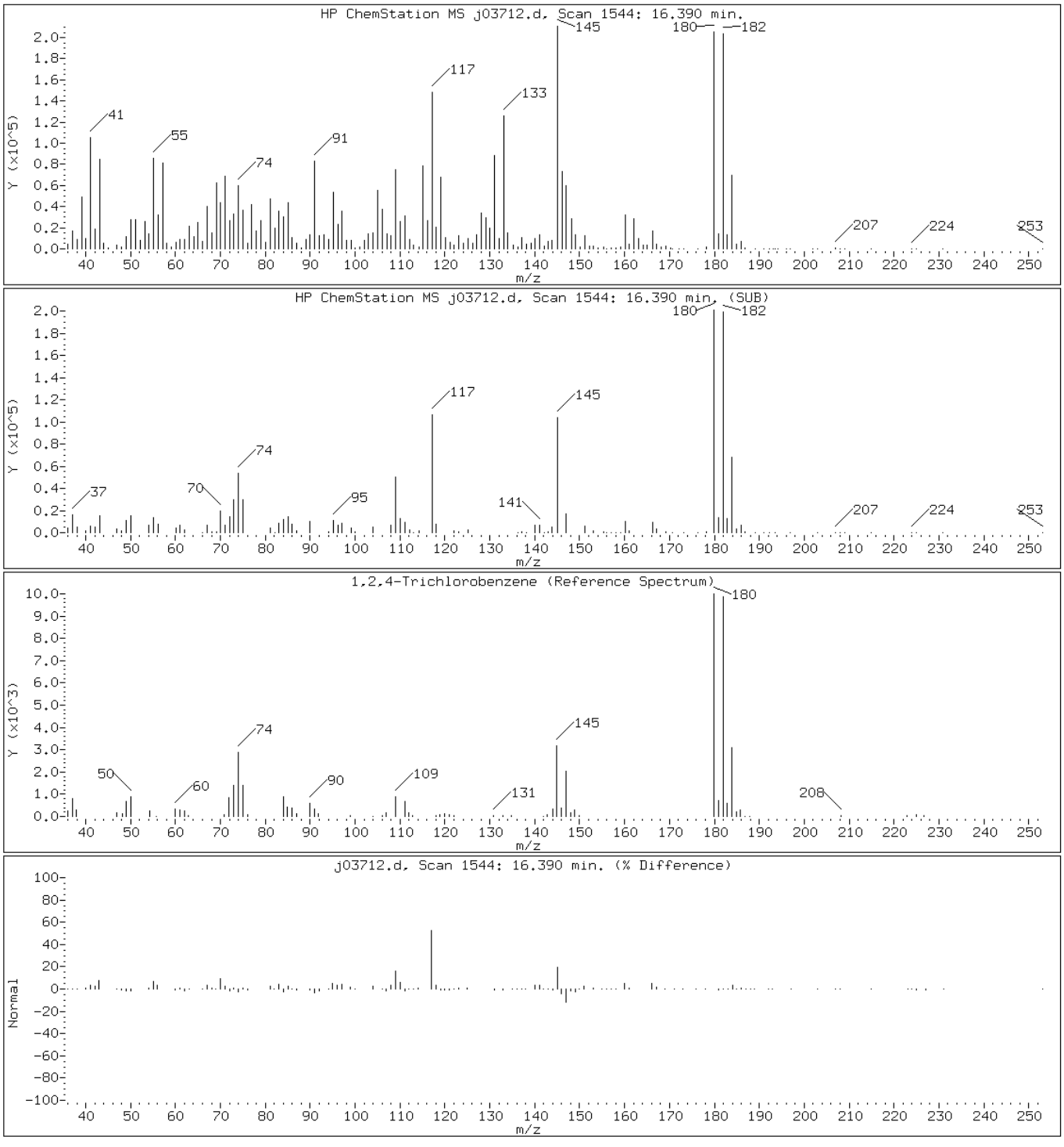
Data File: j03712.d

Date: 15-SEP-2011 15:36

Client ID: PMP-2-SI-S (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-30837-C-3-A;100;9.91;5 Operator:

114 1,2,4-Trichlorobenzene



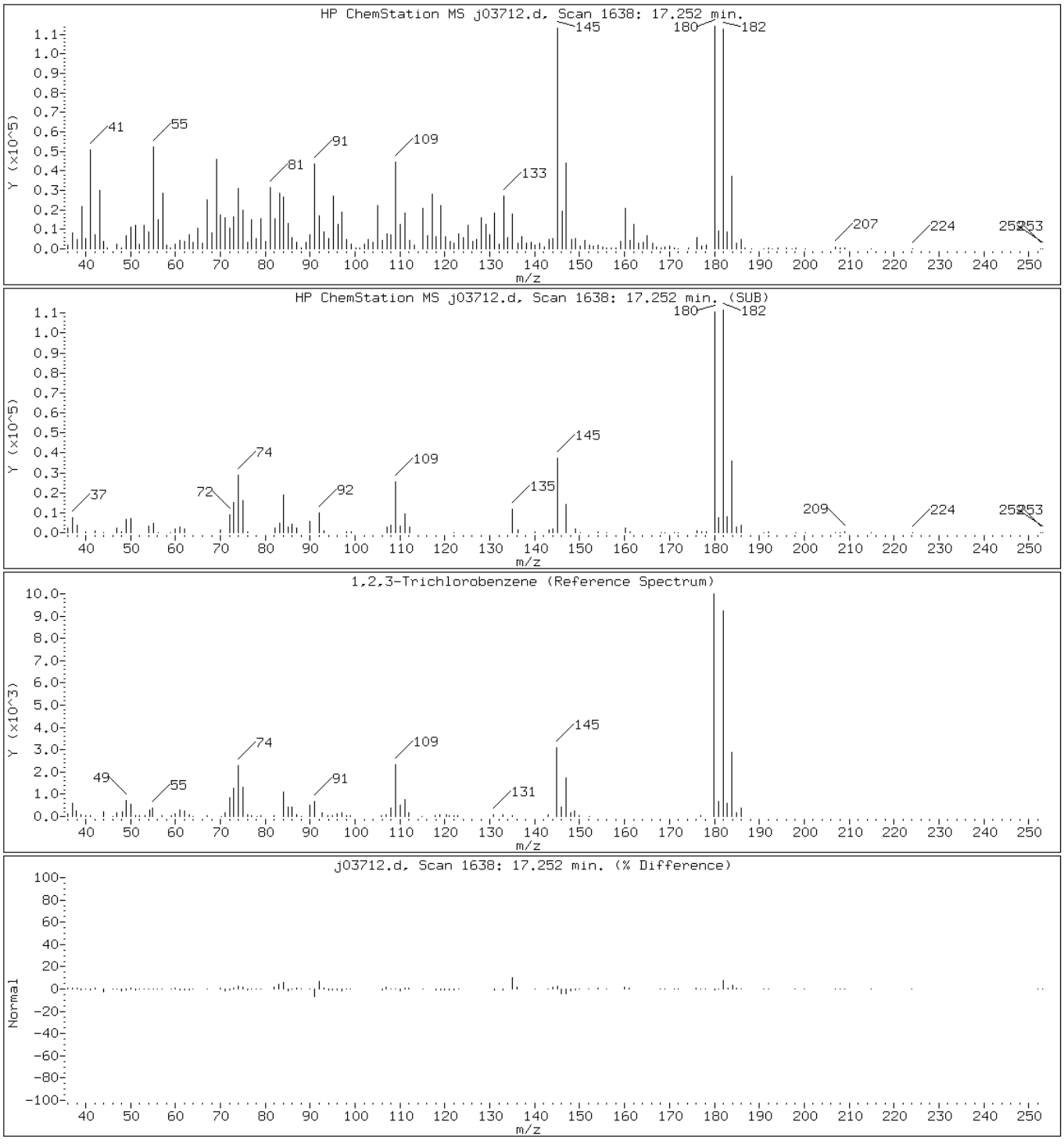
Data File: j03712.d

Date: 15-SEP-2011 15:36

Client ID: PMP-2-SI-S (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-30837-C-3-A;100;9.91;5 Operator:

117 1,2,3-Trichlorobenzene



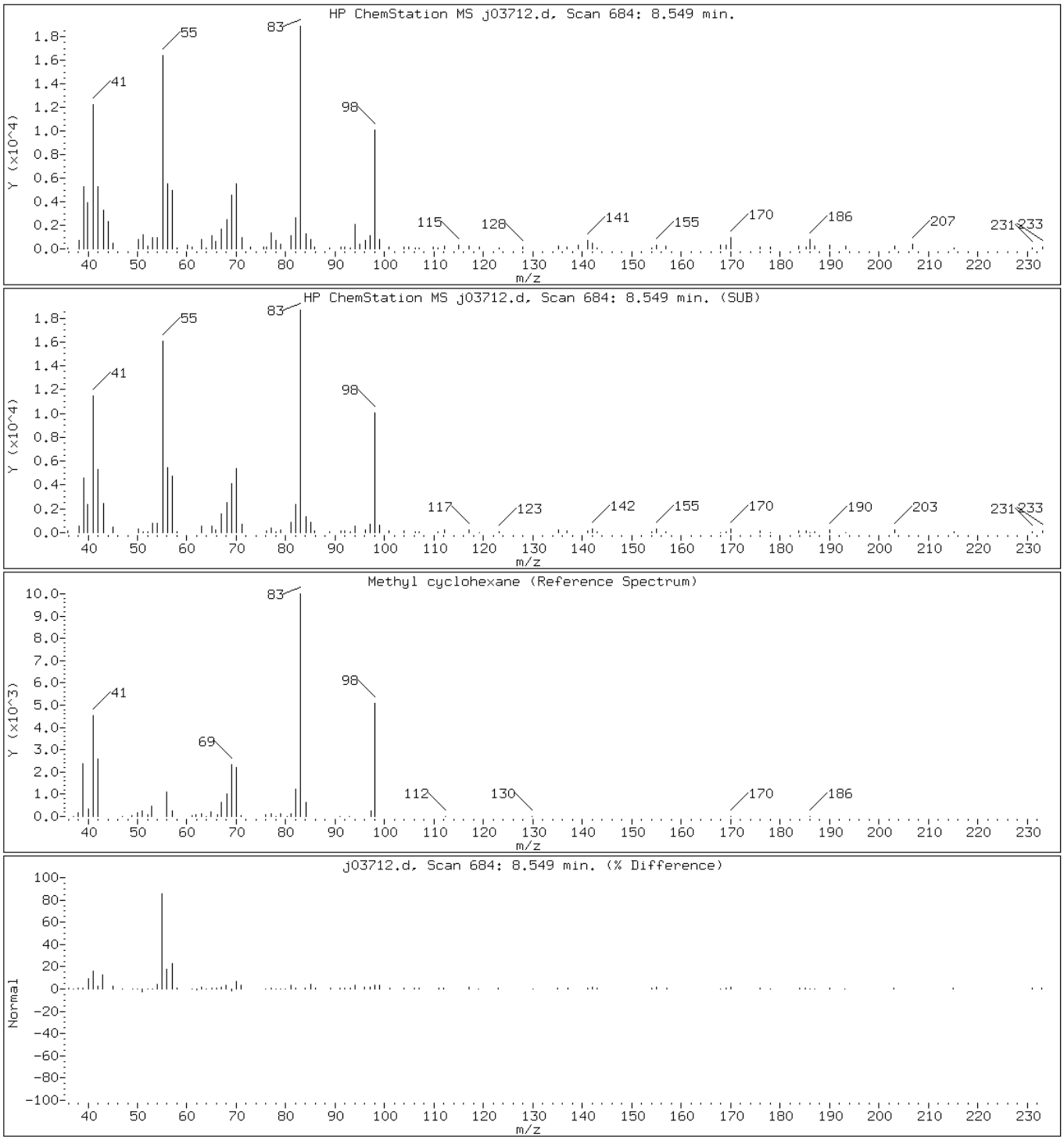
Data File: j03712.d

Date: 15-SEP-2011 15:36

Client ID: PMP-2-SI-S (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-30837-C-3-A;100;9.91;5 Operator:

56 Methyl cyclohexane



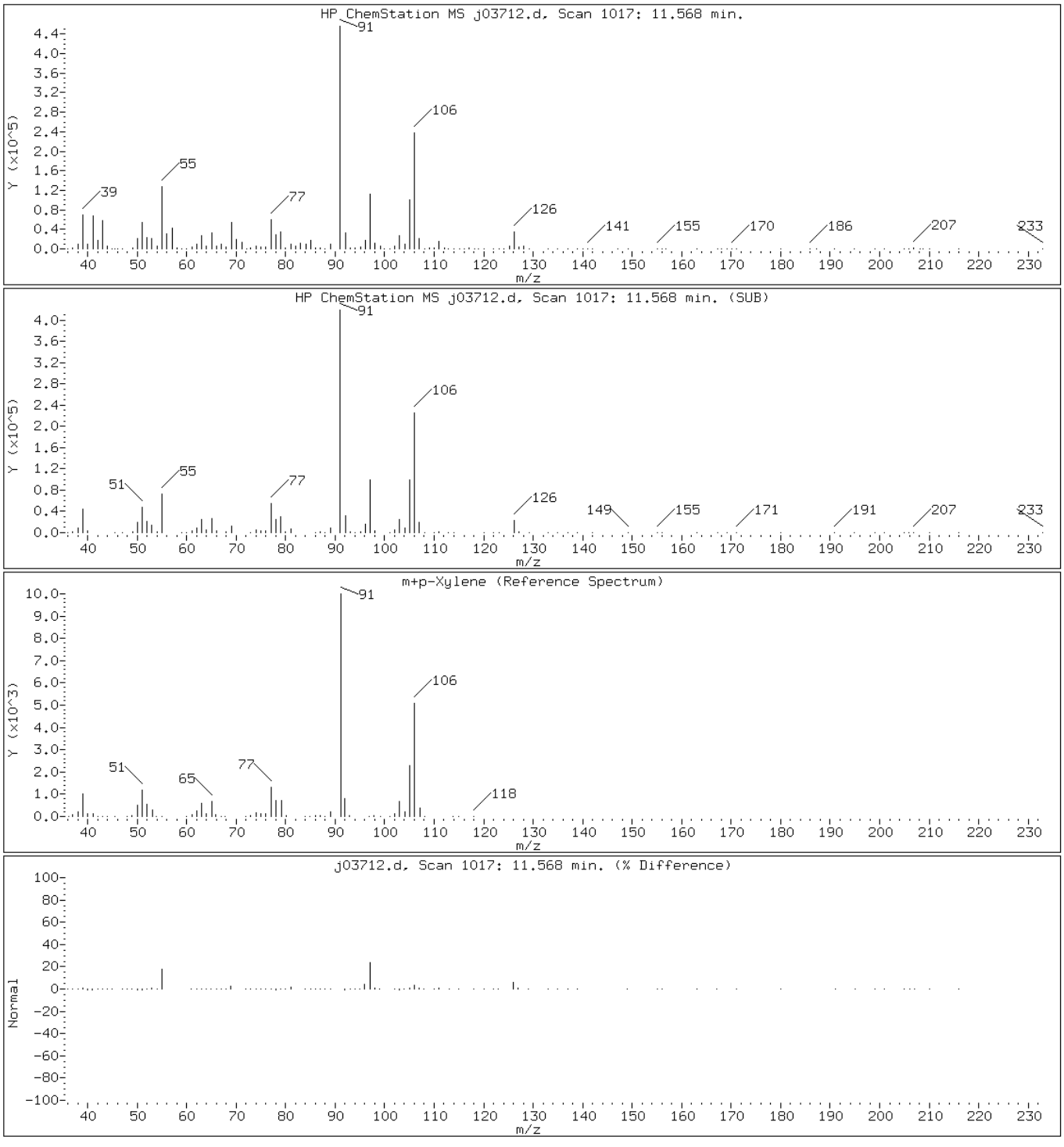
Data File: j03712.d

Date: 15-SEP-2011 15:36

Client ID: PMP-2-SI-S (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-30837-C-3-A;100;9.91;5 Operator:

82 m+p-Xylene



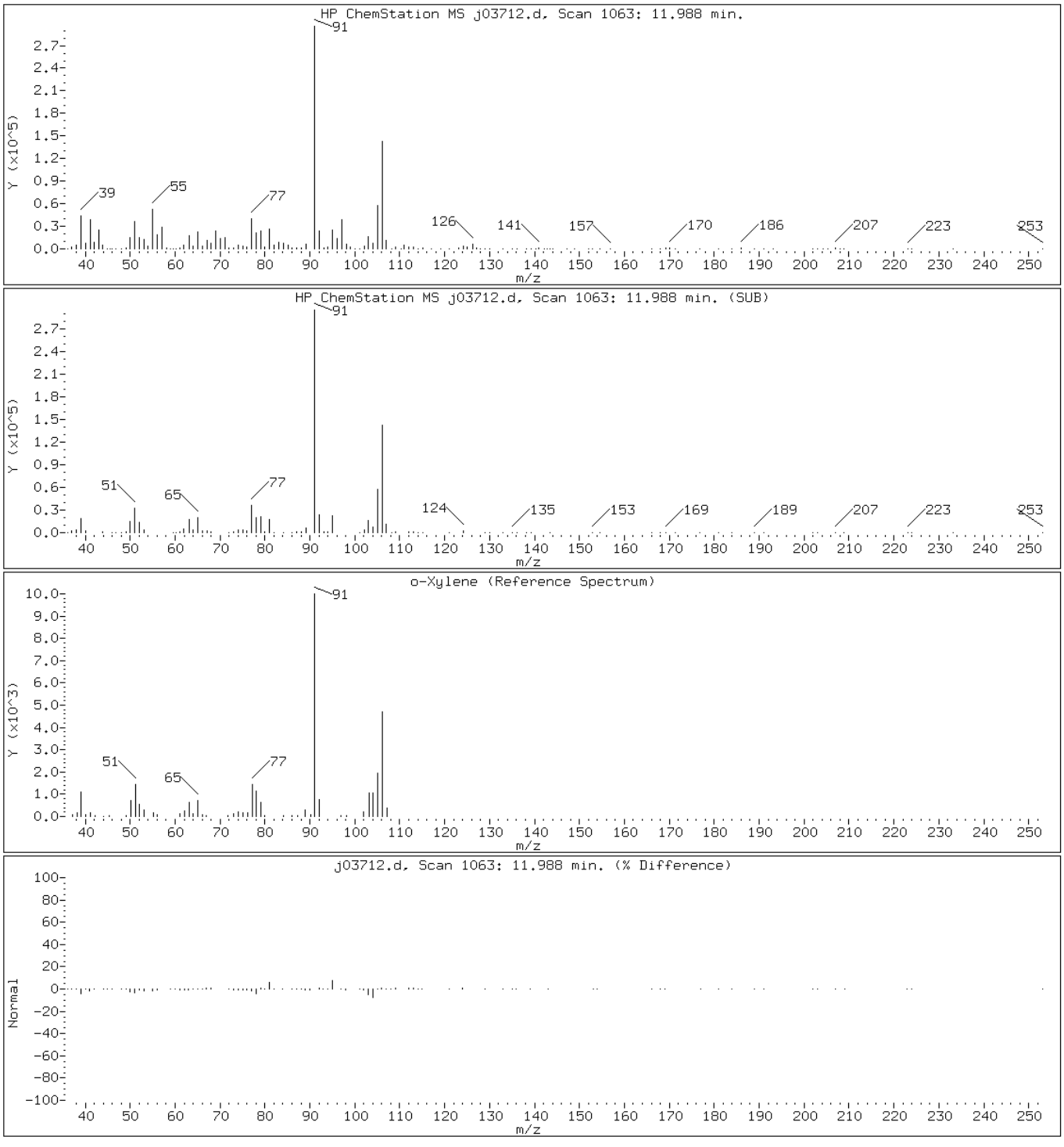
Data File: j03712.d

Date: 15-SEP-2011 15:36

Client ID: PMP-2-SI-S (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-30837-C-3-A;100;9.91;5 Operator:

84 o-Xylene



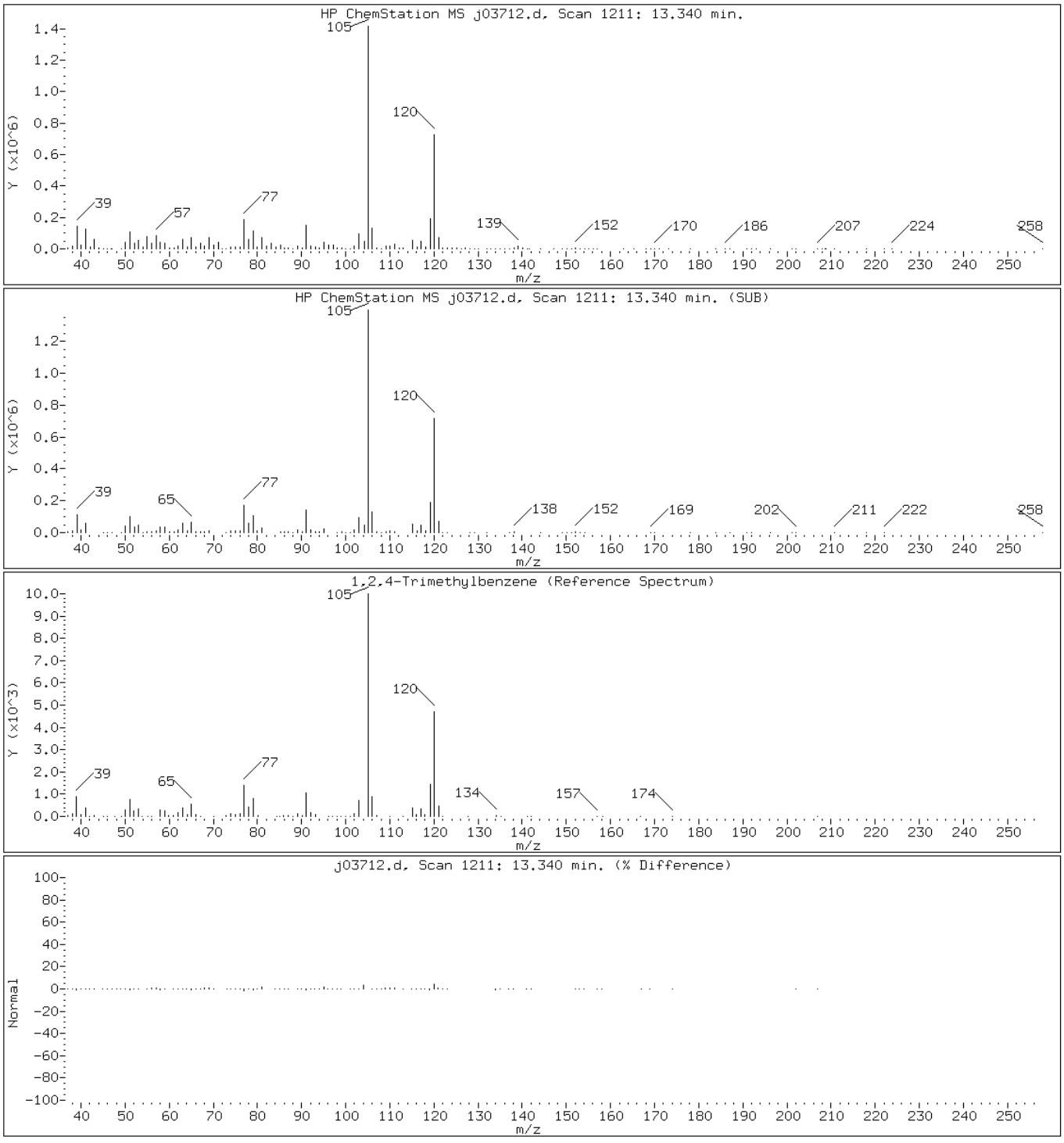
Data File: j03712.d

Date: 15-SEP-2011 15:36

Client ID: PMP-2-SI-S (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-30837-C-3-A;100;9.91;5 Operator:

101 1,2,4-Trimethylbenzene



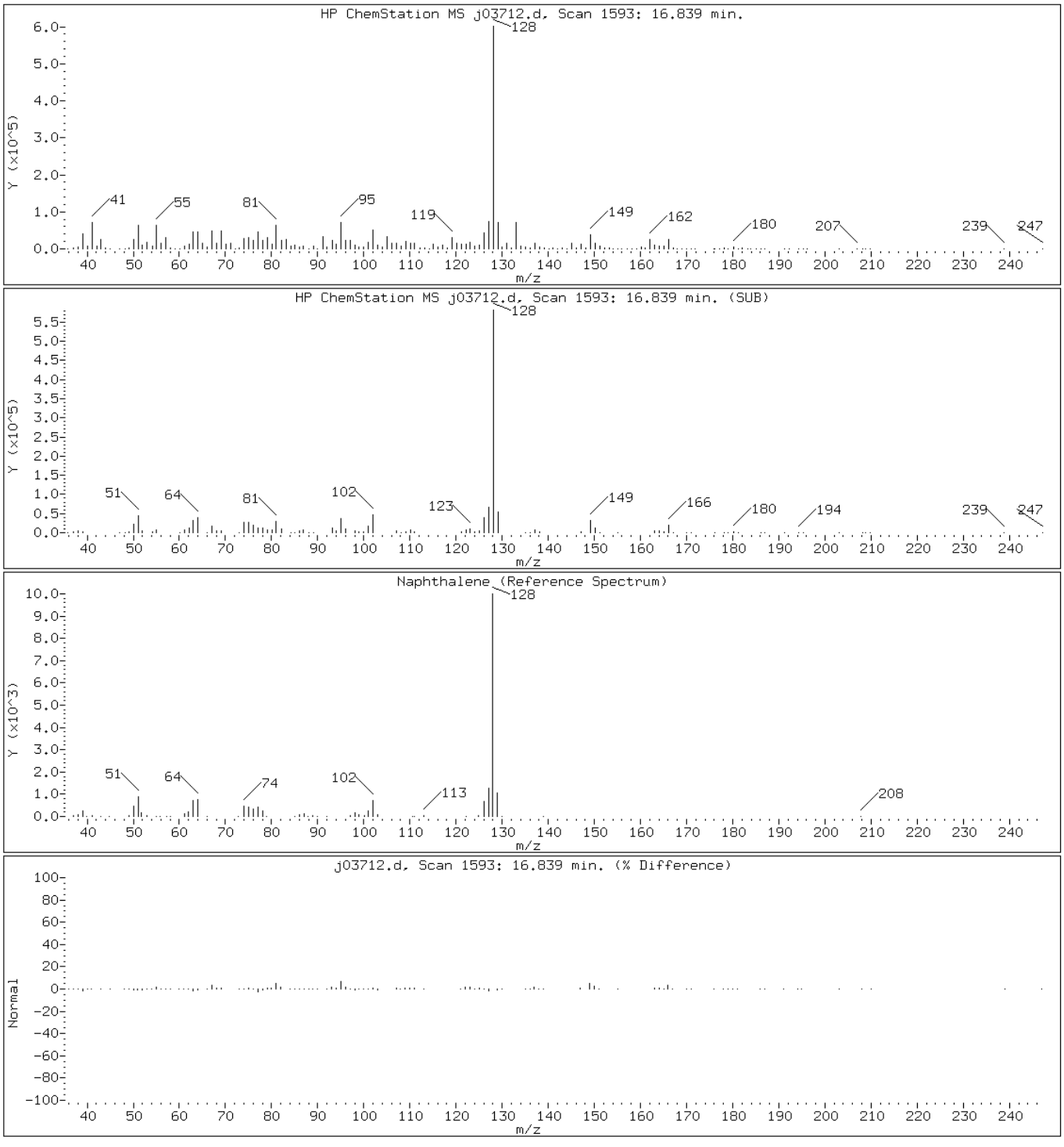
Data File: j03712.d

Date: 15-SEP-2011 15:36

Client ID: PMP-2-SI-S (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-30837-C-3-A;100;9.91;5 Operator:

116 Naphthalene



Data File: j03712.d

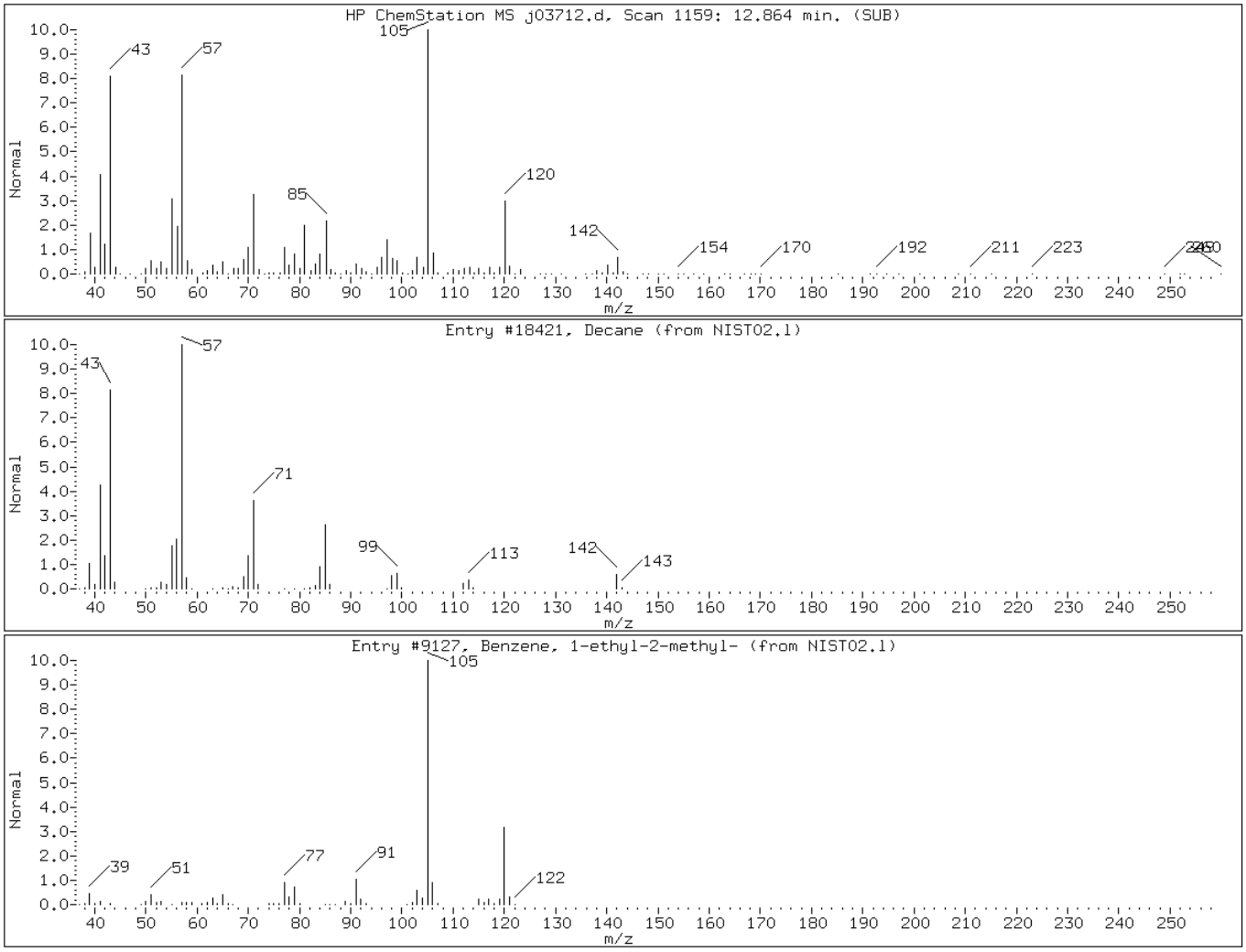
Date: 15-SEP-2011 15:36

Client ID: PMP-2-SI-S (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-30837-C-3-A;100;9.91;5 Operator:

Retention Time: 12.86

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H22 Alkane/C9H12 Aromatic						
Decane	124-18-5	NIST02.l	18421	91	C10H22	142
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.l	9127	47	C9H12	120



Data File: j03712.d

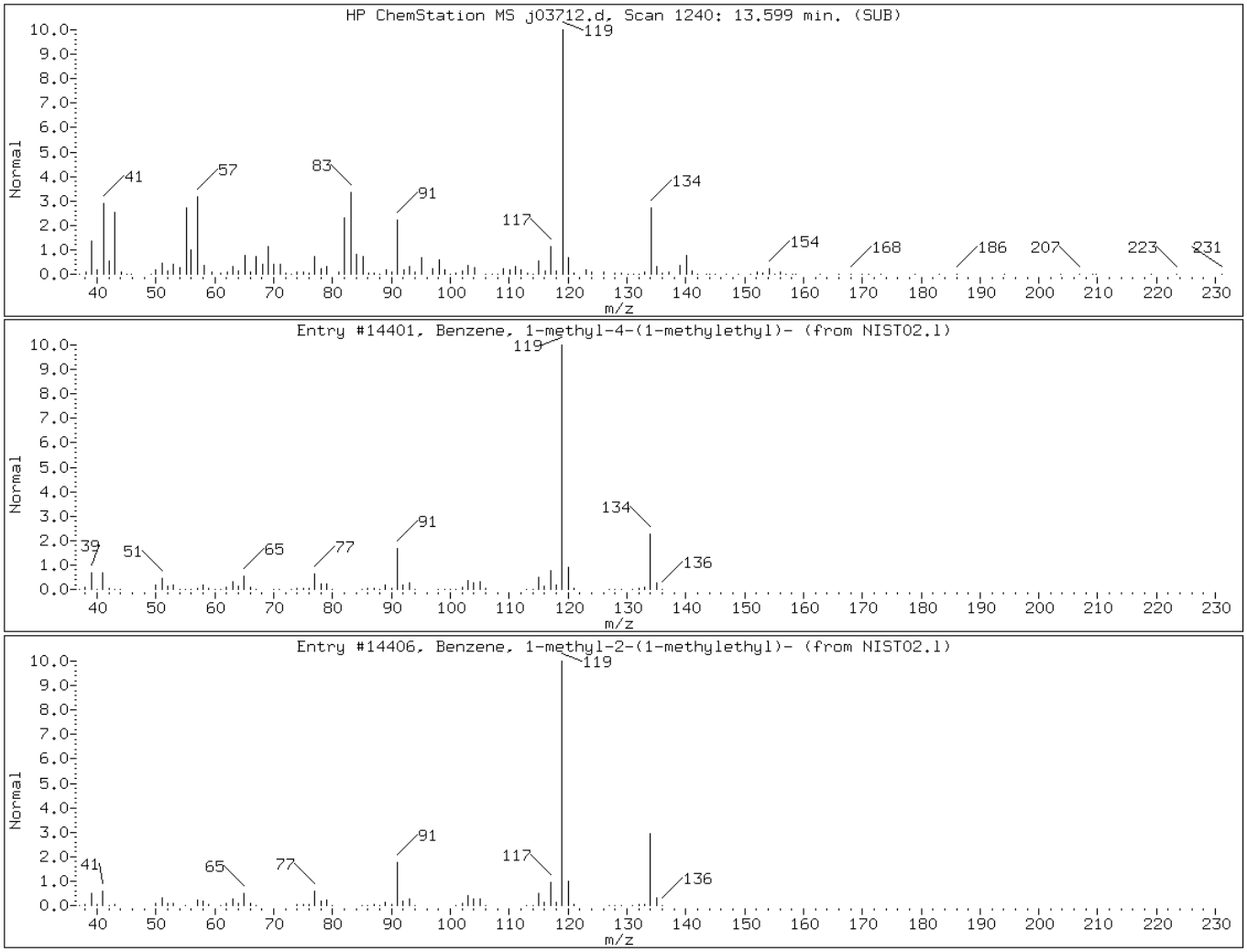
Date: 15-SEP-2011 15:36

Client ID: PMP-2-SI-S (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-30837-C-3-A;100;9.91;5 Operator:

Retention Time: 13.60

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H14 Aromatic						
Benzene, 1-methyl-4-(1-methylethyl	99-87-6	NIST02.l	14401	92	C10H14	134
Benzene, 1-methyl-2-(1-methylethyl	527-84-4	NIST02.l	14406	91	C10H14	134



Data File: j03712.d

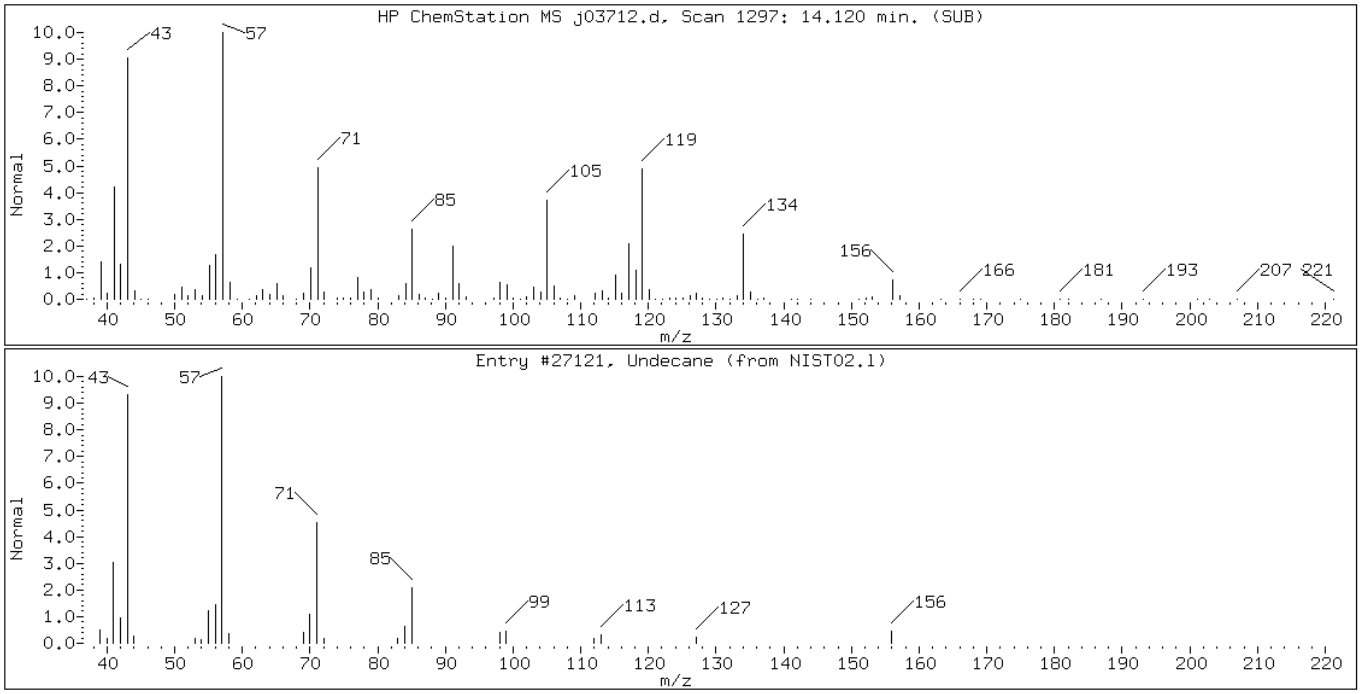
Date: 15-SEP-2011 15:36

Client ID: PMP-2-SI-S (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-30837-C-3-A;100;9.91;5 Operator:

Retention Time: 14.12

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H24 Alkane-1/C10H14 Aromatic-1						
Undecane	1120-21-4	NIST02.l	27121	86	C11H24	156



Data File: j03712.d

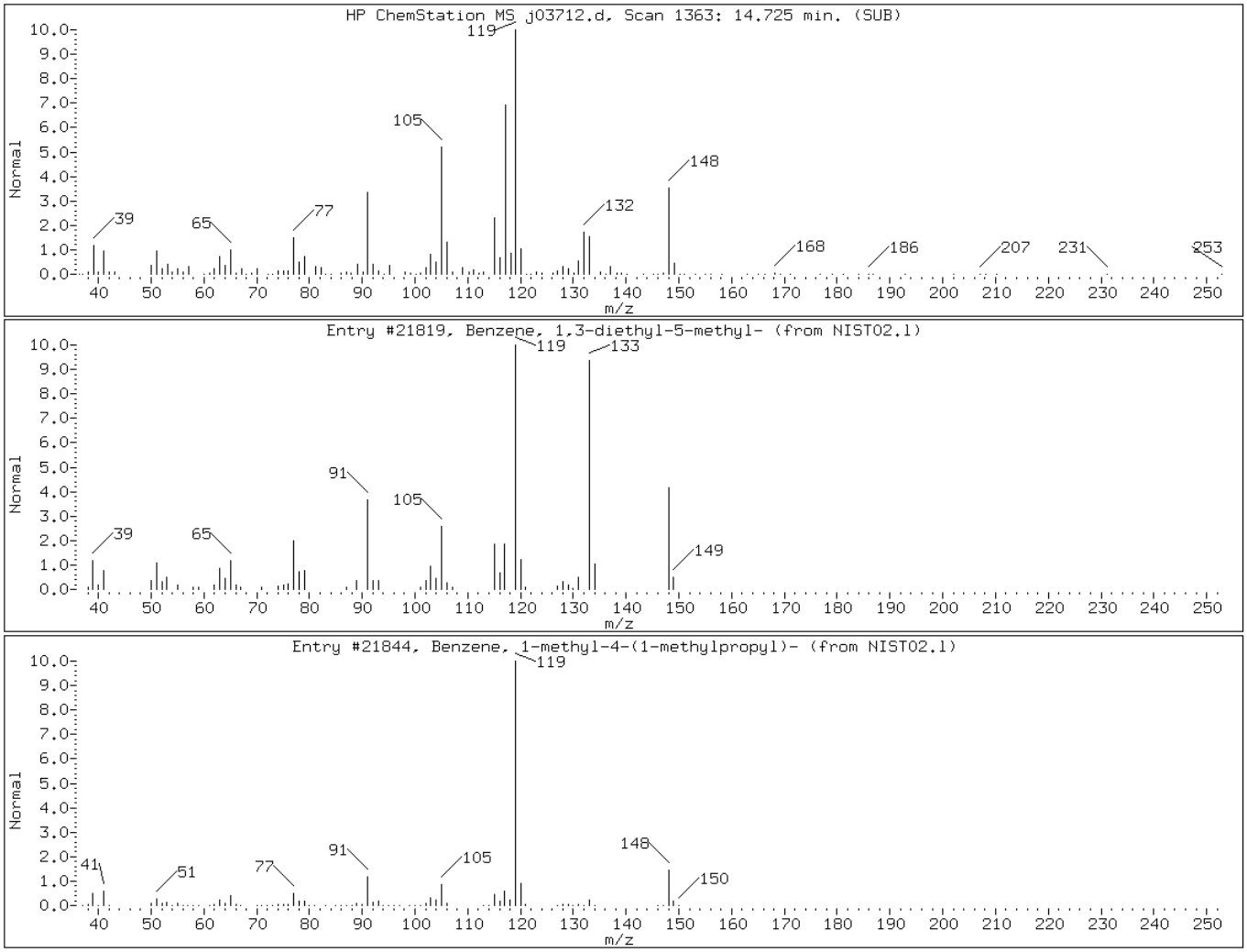
Date: 15-SEP-2011 15:36

Client ID: PMP-2-SI-S (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-30837-C-3-A;100;9.91;5 Operator:

Retention Time: 14.73

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Coeluting Aromatics						
Benzene, 1,3-diethyl-5-methyl-	2050-24-0	NIST02.l	21819	64	C11H16	148
Benzene, 1-methyl-4-(1-methylpropy	1595-16-0	NIST02.l	21844	53	C11H16	148



Data File: j03712.d

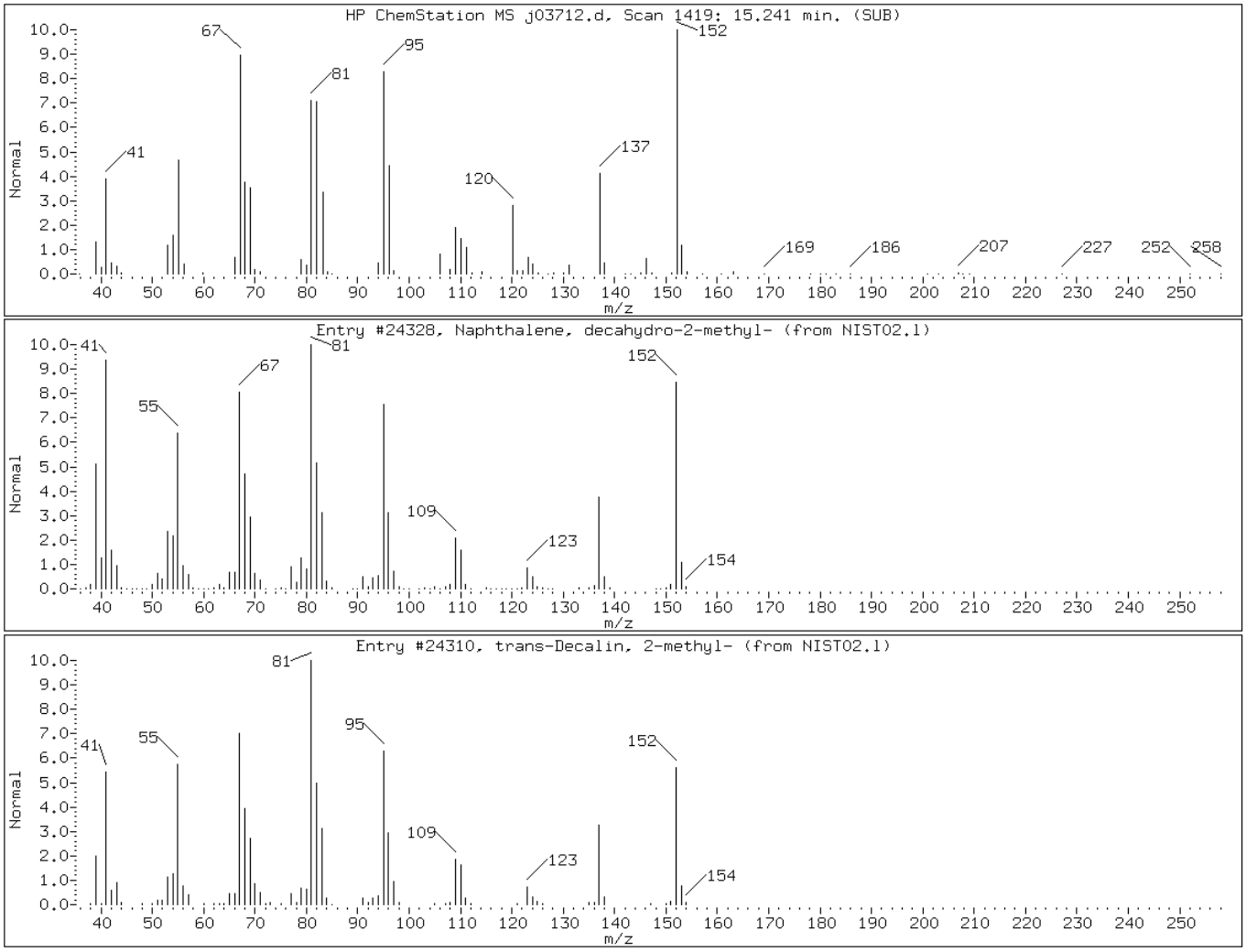
Date: 15-SEP-2011 15:36

Client ID: PMP-2-SI-S (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-30837-C-3-A;100;9.91;5 Operator:

Retention Time: 15.24

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer						
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24328	70	C11H20	152
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.l	24310	60	C11H20	152



Data File: j03712.d

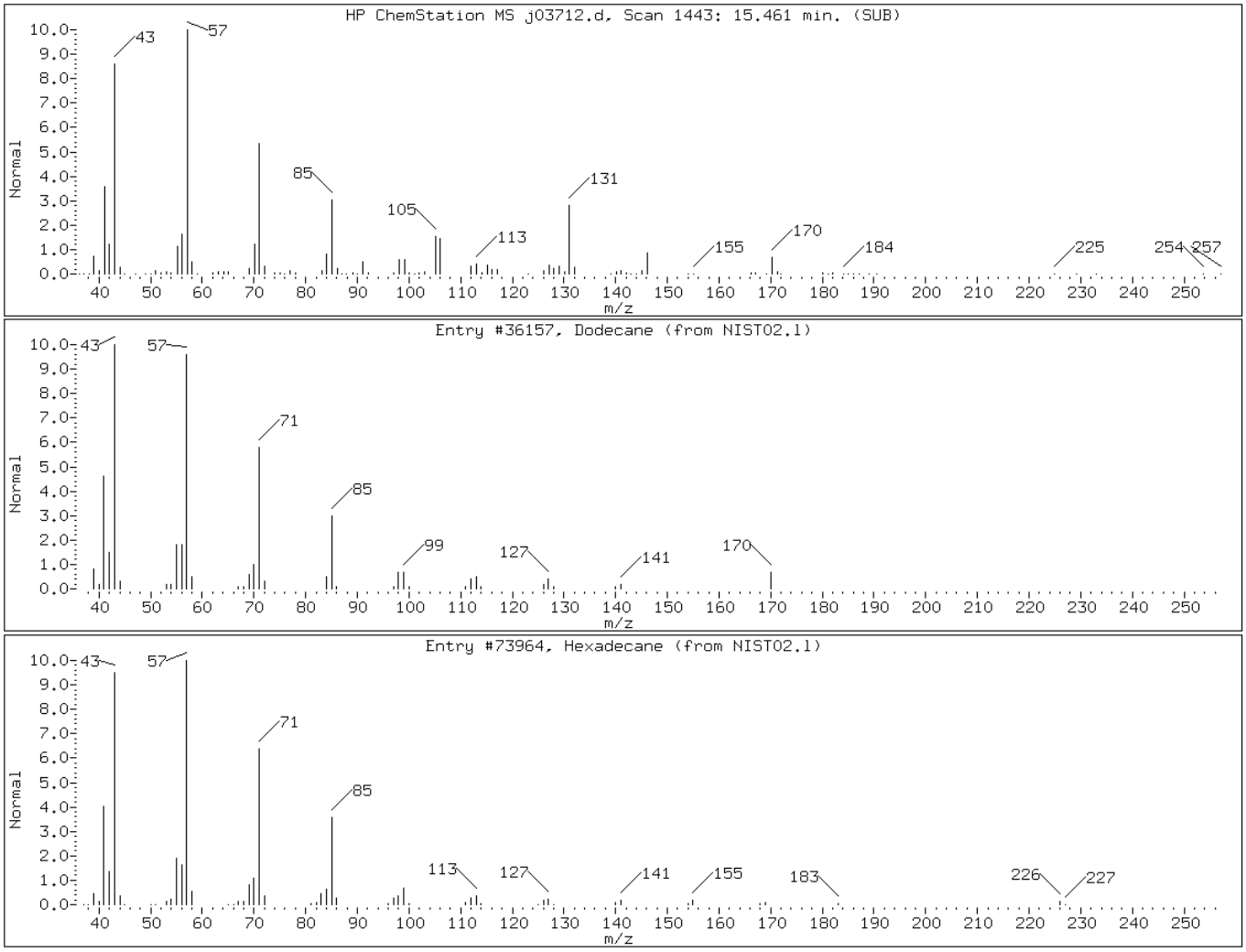
Date: 15-SEP-2011 15:36

Client ID: PMP-2-SI-S (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-30837-C-3-A;100;9.91;5 Operator:

Retention Time: 15.46

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C12H26 Alkane/C11H14 Aromatic						
Dodecane	112-40-3	NIST02.l	36157	96	C12H26	170
Hexadecane	544-76-3	NIST02.l	73964	58	C16H34	226



Data File: j03712.d

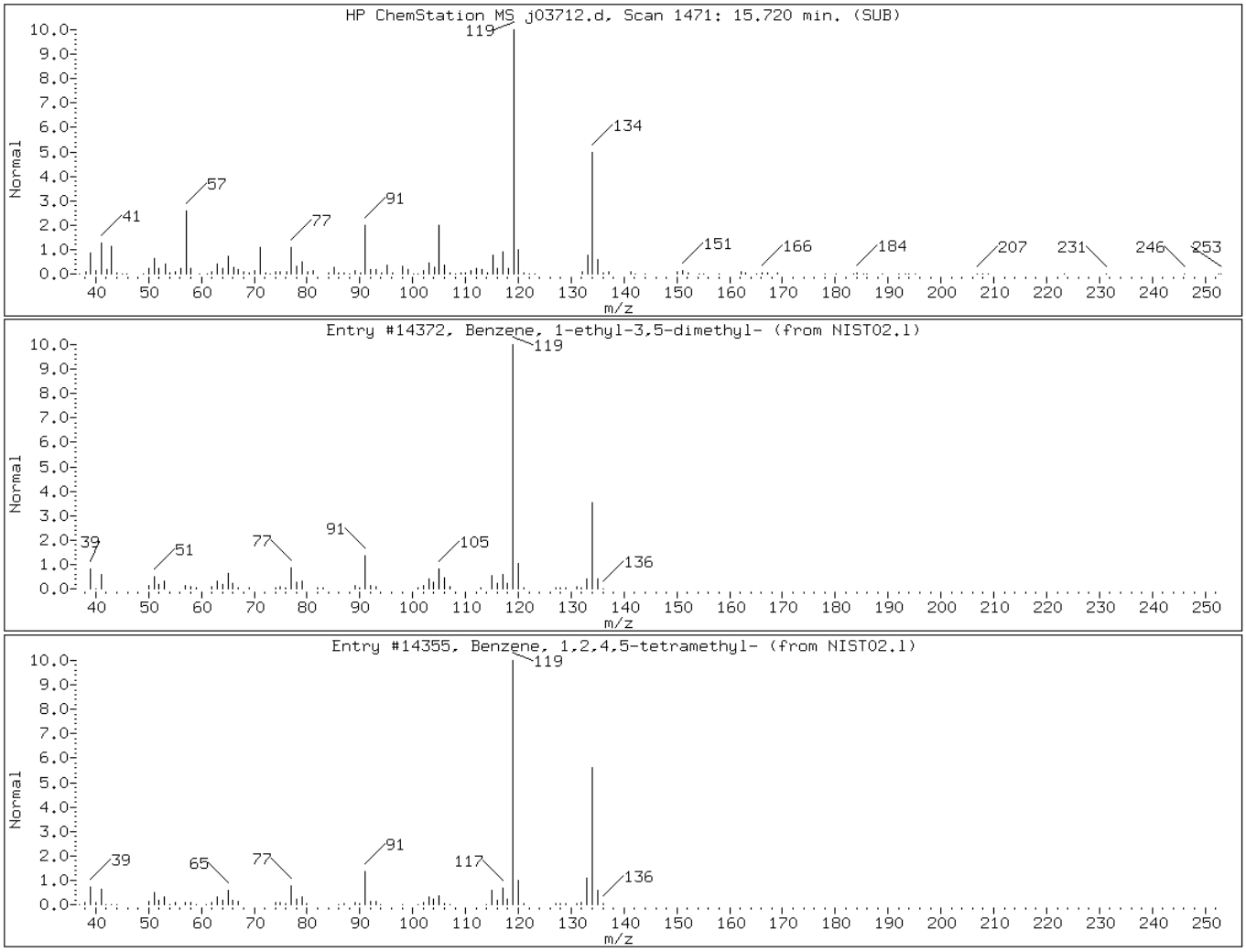
Date: 15-SEP-2011 15:36

Client ID: PMP-2-SI-S (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-30837-C-3-A;100;9.91;5 Operator:

Retention Time: 15.72

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H14 Aromatic-6						
Benzene, 1-ethyl-3,5-dimethyl-	934-74-7	NIST02.l	14372	95	C10H14	134
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.l	14355	94	C10H14	134



Data File: j03712.d

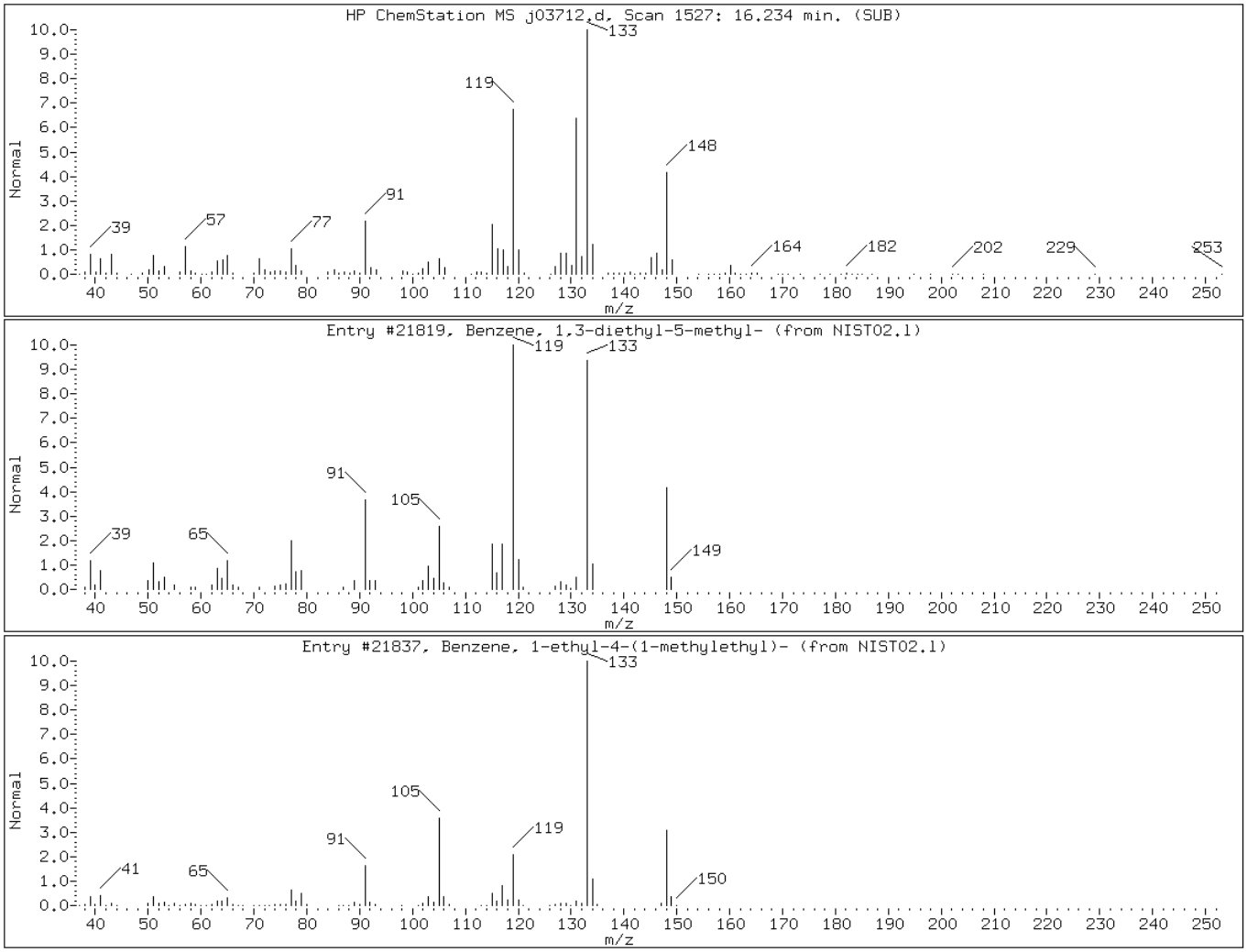
Date: 15-SEP-2011 15:36

Client ID: PMP-2-SI-S (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-30837-C-3-A;100;9.91;5 Operator:

Retention Time: 16.23

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H14 Aromatic-1/C11H16 Aromatic						
Benzene, 1,3-diethyl-5-methyl-	2050-24-0	NIST02.l	21819	74	C11H16	148
Benzene, 1-ethyl-4-(1-methylethyl)	4218-48-8	NIST02.l	21837	52	C11H16	148



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-24-VS-S (1-3) | Lab Sample ID: 460-30837-4

Matrix: Solid | Lab File ID: j03703.d

Analysis Method: 8260B | Date Collected: 09/08/2011 16:40

Sample wt/vol: 5.97(g) | Date Analyzed: 09/15/2011 10:30

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 6.7 | Level: (low/med) Medium

Analysis Batch No.: 86112 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	45	U	45	9.5
74-83-9	Bromomethane	45	U	45	14
75-01-4	Vinyl chloride	45	U	45	5.4
75-00-3	Chloroethane	45	U	45	20
75-09-2	Methylene Chloride	45	U	45	8.7
67-64-1	Acetone	450	U	450	110
75-15-0	Carbon disulfide	45	U *	45	6.6
75-69-4	Trichlorofluoromethane	45	U	45	7.0
75-35-4	1,1-Dichloroethene	45	U	45	6.3
75-34-3	1,1-Dichloroethane	45	U	45	4.5
156-60-5	trans-1,2-Dichloroethene	51		45	6.2
156-59-2	cis-1,2-Dichloroethene	2000		45	8.7
67-66-3	Chloroform	45	U	45	7.0
78-93-3	2-Butanone	450	U	450	37
107-06-2	1,2-Dichloroethane	45	U	45	11
71-55-6	1,1,1-Trichloroethane	45	U	45	11
56-23-5	Carbon tetrachloride	45	U	45	8.1
71-43-2	Benzene	9.6	J	45	5.3
75-25-2	Bromoform	45	U	45	4.4
100-42-5	Styrene	45	U	45	6.2
100-41-4	Ethylbenzene	1400		45	11
108-90-7	Chlorobenzene	410		45	7.4
110-82-7	Cyclohexane	100		45	5.6
98-82-8	Isopropylbenzene	500		45	9.5
591-78-6	2-Hexanone	450	U	450	25
1634-04-4	MTBE	45	U	45	8.3
76-13-1	Freon TF	45	U	45	13
79-20-9	Methyl acetate	90	U	90	15
123-91-1	1,4-Dioxane	2200	U	2200	380
79-01-6	Trichloroethene	600		45	8.0
108-88-3	Toluene	430		45	4.3
10061-02-6	trans-1,3-Dichloropropene	45	U	45	5.5
108-10-1	4-Methyl-2-pentanone	450	U	450	31
10061-01-5	cis-1,3-Dichloropropene	45	U	45	4.6
95-50-1	1,2-Dichlorobenzene	2000		45	7.3
541-73-1	1,3-Dichlorobenzene	29	J	45	10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-24-VS-S (1-3) | Lab Sample ID: 460-30837-4

Matrix: Solid | Lab File ID: j03703.d

Analysis Method: 8260B | Date Collected: 09/08/2011 16:40

Sample wt/vol: 5.97(g) | Date Analyzed: 09/15/2011 10:30

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 6.7 | Level: (low/med) Medium

Analysis Batch No.: 86112 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	200		45	6.8
120-82-1	1,2,4-Trichlorobenzene	16000		45	20
87-61-6	1,2,3-Trichlorobenzene	2700		45	37
78-87-5	1,2-Dichloropropane	45	U	45	3.9
108-87-2	Methylcyclohexane	1100		45	3.6
127-18-4	Tetrachloroethene	880		45	8.8
1330-20-7	Xylenes, Total	5100		130	20
96-12-8	1,2-Dibromo-3-Chloropropane	45	U	45	6.9
79-34-5	1,1,2,2-Tetrachloroethane	45	U	45	3.9
79-00-5	1,1,2-Trichloroethane	45	U	45	4.4
124-48-1	Dibromochloromethane	45	U	45	4.5
106-93-4	1,2-Dibromoethane	45	U	45	4.1
75-71-8	Dichlorodifluoromethane	45	U	45	13
74-97-5	Bromochloromethane	45	U	45	7.8
75-27-4	Bromodichloromethane	45	U	45	4.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	126		57-135
2037-26-5	Toluene-d8 (Surr)	124		46-130
460-00-4	Bromofluorobenzene	118		50-124

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-24-VS-S (1-3) Lab Sample ID: 460-30837-4

Matrix: Solid Lab File ID: j03703.d

Analysis Method: 8260B Date Collected: 09/08/2011 16:40

Sample wt/vol: 5.97(g) Date Analyzed: 09/15/2011 10:30

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.53(mm)

% Moisture: 6.7 Level: (low/med) Medium

Analysis Batch No.: 86112 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 42900

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C9H18 Cycloalkane-1	12.18	3400	J
95-63-6	1,2,4-Trimethylbenzene	13.33	3800	
	C10H20 Cycloalkane/C10H14 Aromatic	13.57	3400	J
	C10H14 Aromatic-1	14.07	3600	J
	Decahydromethylnaphthalene isomer	14.18	5400	J
	Coeluting Aromatics	14.71	6000	J
	Decahydromethylnaphthalene isomer-1	15.23	5200	J
	C10H14 Aromatic-5	15.72	5000	J
91-20-3	Naphthalene	16.83	3600	
91-57-6	Naphthalene, 2-methyl-	19.11	3500	J N

Data File: /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03703.d
Report Date: 21-Sep-2011 18:22

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03703.d
Lab Smp Id: 460-30837-C-4-A Client Smp ID: PMP-24-VS-S (1-3)
Inj Date : 15-SEP-2011 10:30
Operator : Inst ID: VOAMS8.i
Smp Info : 460-30837-C-4-A;50;;5.97;5
Misc Info : 460-30837-C-4-A
Comment   :
Method   : /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/8260_09.m
Meth Date : 15-Sep-2011 04:53 audberto Quant Type: ISTD
Cal Date : 14-SEP-2011 06:22 Cal File: j03643.d
Als bottle: 14
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	5.97000	Weight of sample extracted (g)
M	6.73401	% 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)
	25 trans-1,2-Dichloroethene	96	5.193	5.179	(0.660)	18082	1.13118	51
	36 cis-1,2-Dichloroethene	96	6.412	6.391	(0.815)	743107	44.7593	2000
	44 Cyclohexane	56	7.122	7.117	(0.905)	36637	2.31742	100
$	47 1,2-Dichloroethane-d4 (SUR)	65	7.469	7.452	(0.949)	837394	63.0096	2800
	48 Benzene	78	7.533	7.532	(0.665)	9903	0.21356	9.6(a)
*	52 Fluorobenzene	96	7.872	7.862	(1.000)	2231331	50.0000	
	54 Trichloroethene	95	8.316	8.304	(1.056)	241114	13.4046	600
	56 Methyl cyclohexane	83	8.559	8.549	(1.087)	278552	24.1014	1100
$	65 Toluene-d8 (SUR)	98	9.735	9.730	(0.859)	2319134	62.0743	2800
	66 Toluene	91	9.817	9.804	(0.866)	465743	9.56620	430
	71 Tetrachloroethene	166	10.428	10.425	(0.920)	325269	19.6391	880
*	78 Chlorobenzene-d5	117	11.330	11.328	(1.000)	1656511	50.0000	
	79 Chlorobenzene	112	11.358	11.365	(1.002)	305306	9.09579	410
	81 Ethylbenzene	106	11.449	11.448	(1.010)	428963	31.3793	1400

Data File: /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03703.d
Report Date: 21-Sep-2011 18:22

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	82 m+p-Xylene	106	11.566	11.568	(1.021)	1411109	76.9467	3400
	84 o-Xylene	106	11.983	11.984	(1.058)	672063	36.7989	1600
	88 Isopropylbenzene	105	12.339	12.338	(1.089)	464952	11.1480	500
$	89 Bromofluorobenzene (SUR)	174	12.522	12.529	(0.910)	1115559	59.0404	2600
	95 n-Propylbenzene	91	12.752	12.760	(0.927)	468090	9.32084	420
	97 1,3,5-Trimethylbenzene	105	12.917	12.920	(0.939)	2224359	64.1223	2900
	101 1,2,4-Trimethylbenzene	105	13.335	13.332	(0.969)	3118984	85.0111	3800
	103 sec-Butylbenzene	105	13.509	13.524	(0.982)	363581	8.19641	370
	105 1,3-Dichlorobenzene	146	13.684	13.698	(0.995)	15572	0.64715	29(a)
*	108 1,4-Dichlorobenzene-d4	152	13.757	13.760	(1.000)	837496	50.0000	
	109 1,4-Dichlorobenzene	146	13.784	13.797	(1.002)	139327	4.56010	200
	111 1,2-Dichlorobenzene	146	14.233	14.238	(1.035)	1139500	43.9177	2000
	114 1,2,4-Trichlorobenzene	180	16.382	16.393	(1.191)	4490175	352.473	16000
	116 Naphthalene	128	16.832	16.838	(1.224)	1811771	80.8568	3600
	117 1,2,3-Trichlorobenzene	180	17.248	17.269	(1.254)	757660	60.1464	2700
M	120 1,2-Dichloroethene (Total)	100				761190	46.7157	2100
M	121 Xylene (Total)	100				2083172	113.746	5100

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03703.d
Report Date: 21-Sep-2011 18:22

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03703.d
Lab Smp Id: 460-30837-C-4-A Client Smp ID: PMP-24-VS-S (1-3)
Inj Date : 15-SEP-2011 10:30
Operator : Inst ID: VOAMS8.i
Smp Info : 460-30837-C-4-A;50;;5.97;5
Misc Info : 460-30837-C-4-A
Comment   :
Method   : /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/8260_09.m
Meth Date : 15-Sep-2011 04:53 audberto Quant Type: ISTD
Cal Date : 14-SEP-2011 06:22 Cal File: j03643.d
Als bottle: 14
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	5.97000	Weight of sample extracted (g)
M	6.73401	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 78 Chlorobenzene-d5	11.330	5759624	50.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
C9H18 Cycloalkane					CAS #:		
10.773	5933134	51.5062549	2300	0		0	78
C9H18 Cycloalkane-1					CAS #:		
12.184	8762891	76.0717205	3400	0		0	78

Data File: /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03703.d
Report Date: 21-Sep-2011 18:22

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
C10H20 Cycloalkane/C10H14 Aromatic					CAS #:		
13.574	8779179	76.2131177	3400	0		0	78(L)
C10H14 Aromatic-1					CAS #:		
14.069	9319439	80.9031782	3600	0		0	78
Decahydromethylnaphthalene isomer					CAS #:		
14.179	13915081	120.798504	5400	0		0	78(L)
C10H14 Aromatic-2					CAS #:		
14.436	5594937	48.5703292	2200	0		0	78
C10H14 Aromatic-3					CAS #:		
14.536	6345522	55.0862415	2500	0		0	78
Coeluting Aromatics					CAS #:		
14.709	15455776	134.173462	6000	0		0	78
Decahydromethylnaphthalene isomer					CAS #:		
14.947	6704957	58.2065467	2600	0		0	78
C10H14 Aromatic-4					CAS #:		
15.108	4640976	40.2888787	1800	0		0	78
Decahydromethylnaphthalene isomer-1					CAS #:		
15.226	13432264	116.607106	5200	0		0	78
C10H14 Aromatic-5					CAS #:		
15.719	12782431	110.965830	5000	0		0	78
Coeluting Aromatics-1					CAS #:		
16.108	5207589	45.2077097	2000	0		0	78
C11H16 Aromatic					CAS #:		
16.227	8698597	75.5135763	3400	0		0	78
Unknown					CAS #:		
17.026	5664907	49.1777415	2200	0		0	78
C11H14 Aromatic					CAS #:		
17.783	5858453	50.8579428	2300	0		0	78
C12H16 Aromatic					CAS #:		
18.526	4611139	40.0298570	1800	0		0	78

Data File: /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03703.d
Report Date: 21-Sep-2011 18:22

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
====	====	==========	==========	====	=======	=========	======
Naphthalene, 2-methyl-				CAS #: 91-57-6			
19.109	8979489	77.9520292	3500	96	NIST02.l	18501	78(L)

QC Flag Legend

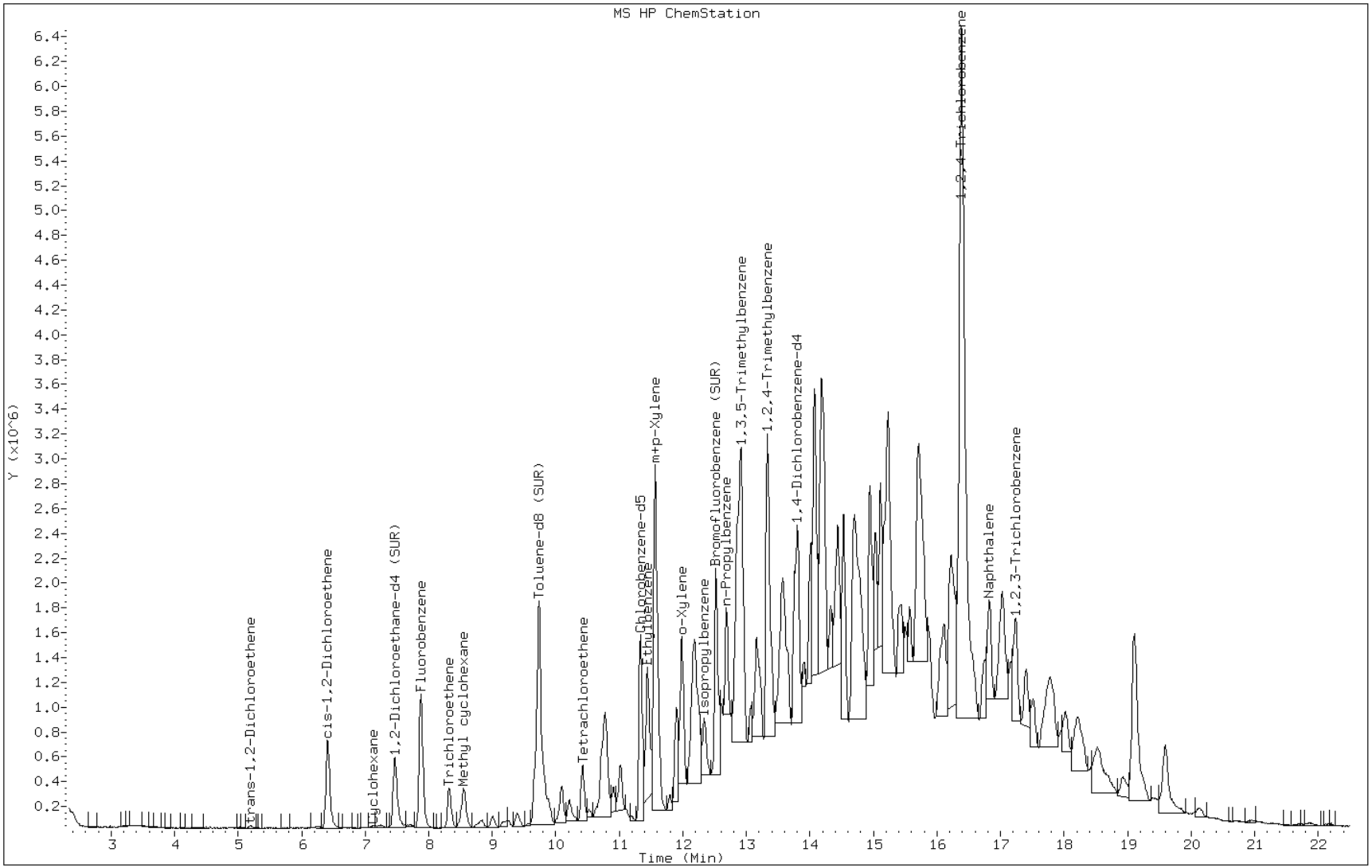
L - Operator selected an alternate library search match.

Data File: j03703.d

Date: 15-SEP-2011 10:30

Client ID: PMP-24-VS-S (1-3) Instrument: VOAMS8.i

Sample Info: 460-30837-C-4-A;50;;5.97;5 Operator:



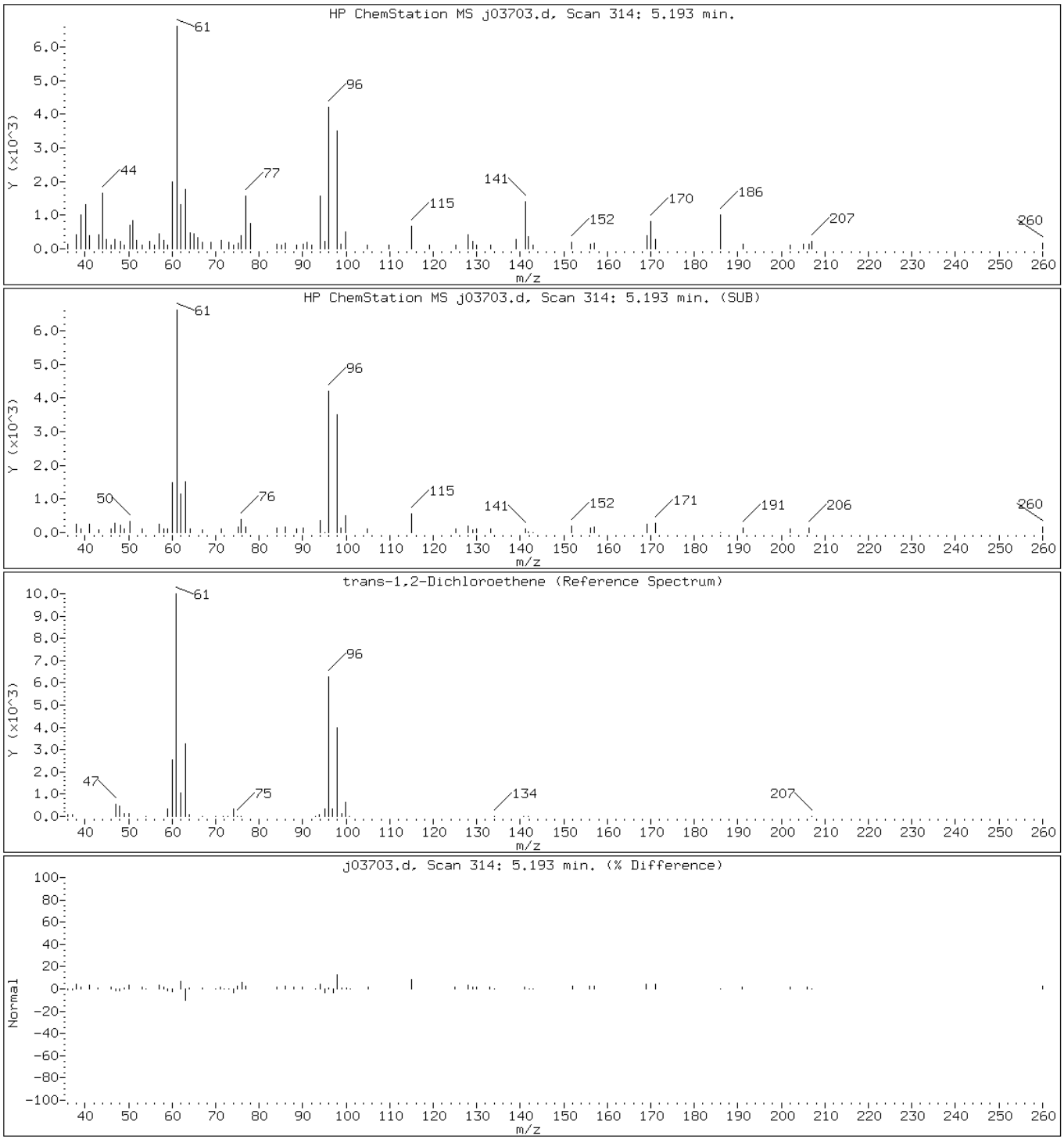
Data File: j03703.d

Date: 15-SEP-2011 10:30

Client ID: PMP-24-VS-S (1-3) Instrument: VOAMS8.i

Sample Info: 460-30837-C-4-A;50;;5.97;5 Operator:

25 trans-1,2-Dichloroethene



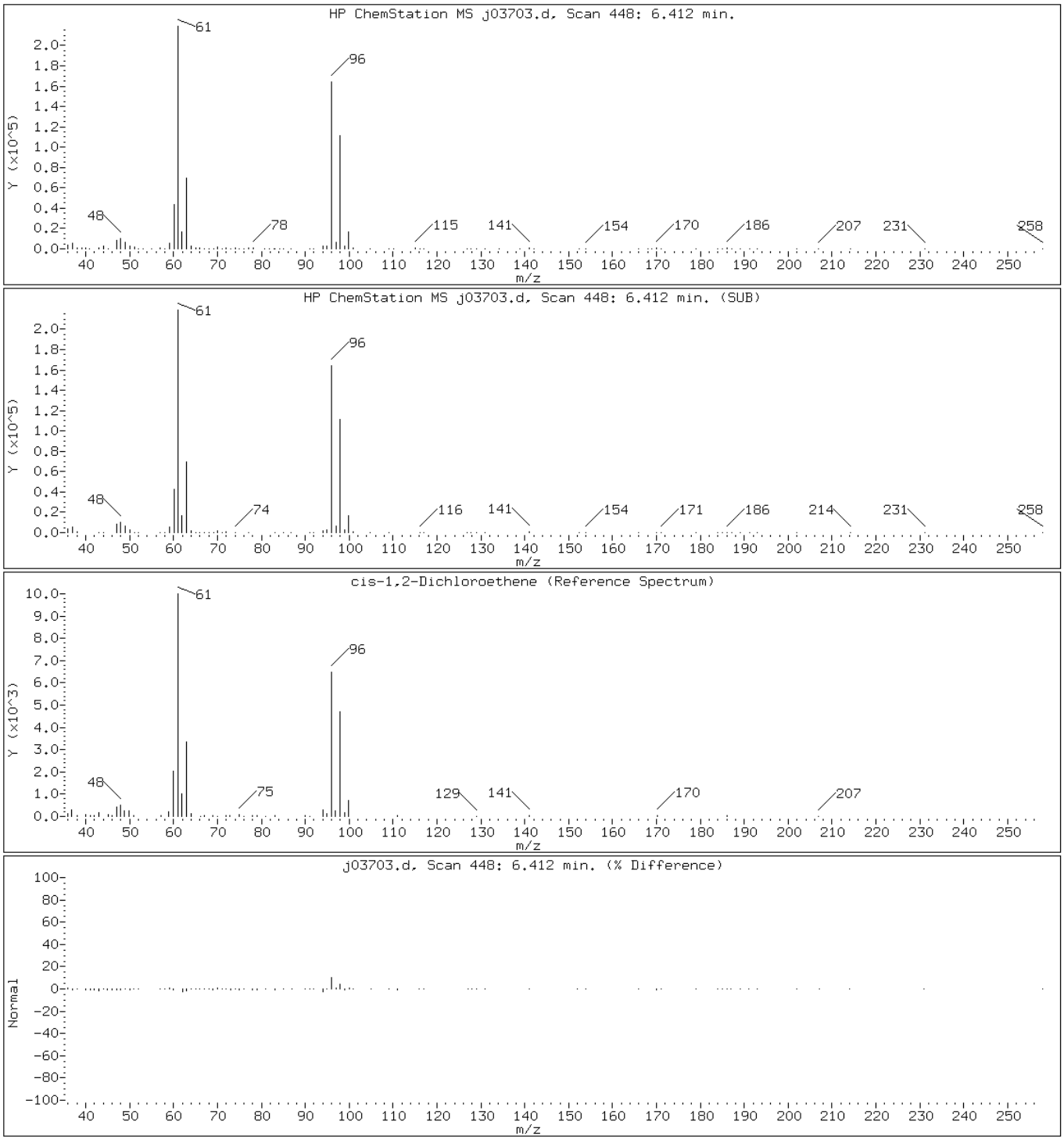
Data File: j03703.d

Date: 15-SEP-2011 10:30

Client ID: PMP-24-VS-S (1-3) Instrument: VOAMS8.i

Sample Info: 460-30837-C-4-A;50;;5.97;5 Operator:

36 cis-1,2-Dichloroethene



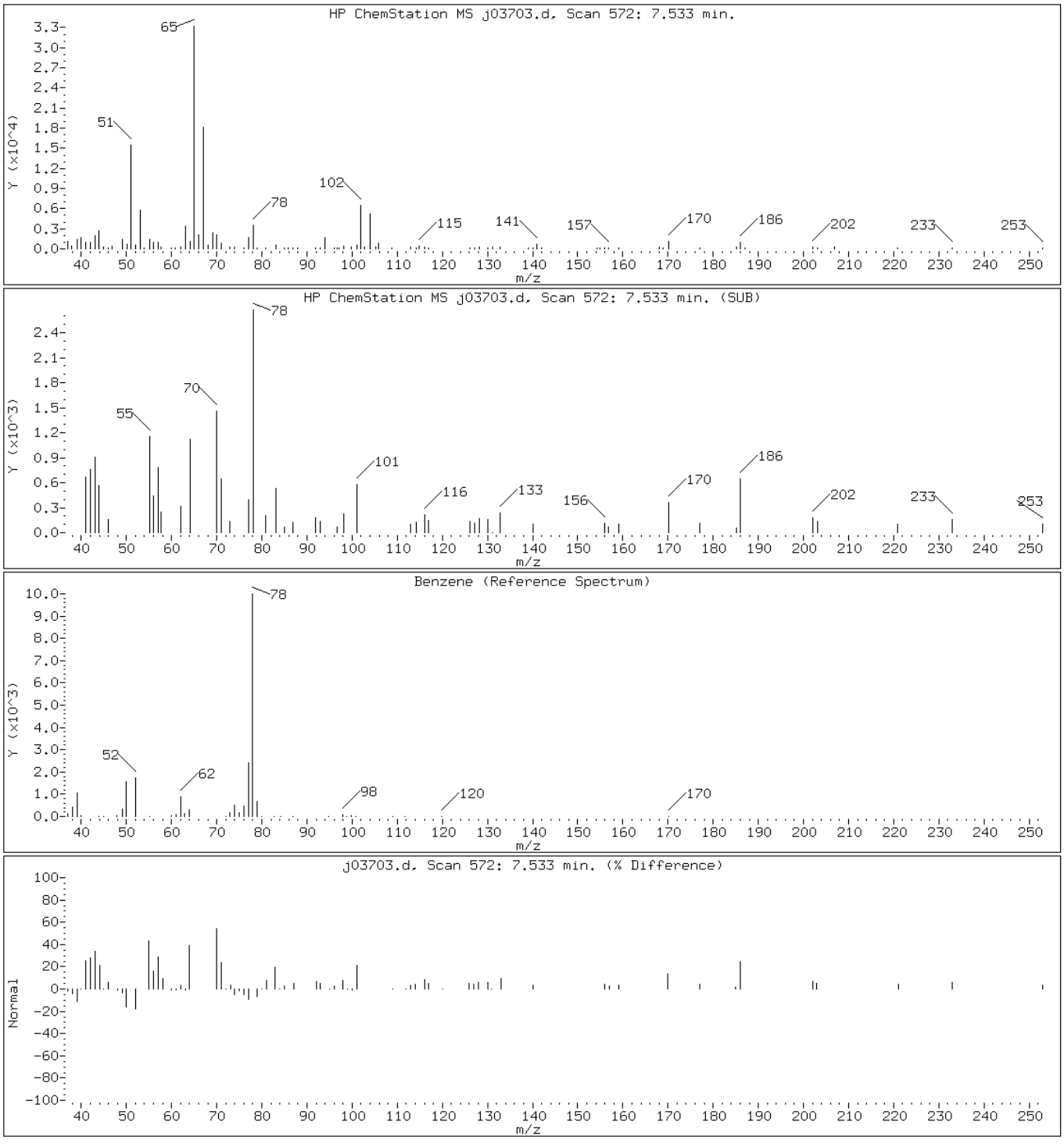
Data File: j03703.d

Date: 15-SEP-2011 10:30

Client ID: PMP-24-VS-S (1-3) Instrument: VOAMS8.i

Sample Info: 460-30837-C-4-A;50;;5.97;5 Operator:

48 Benzene



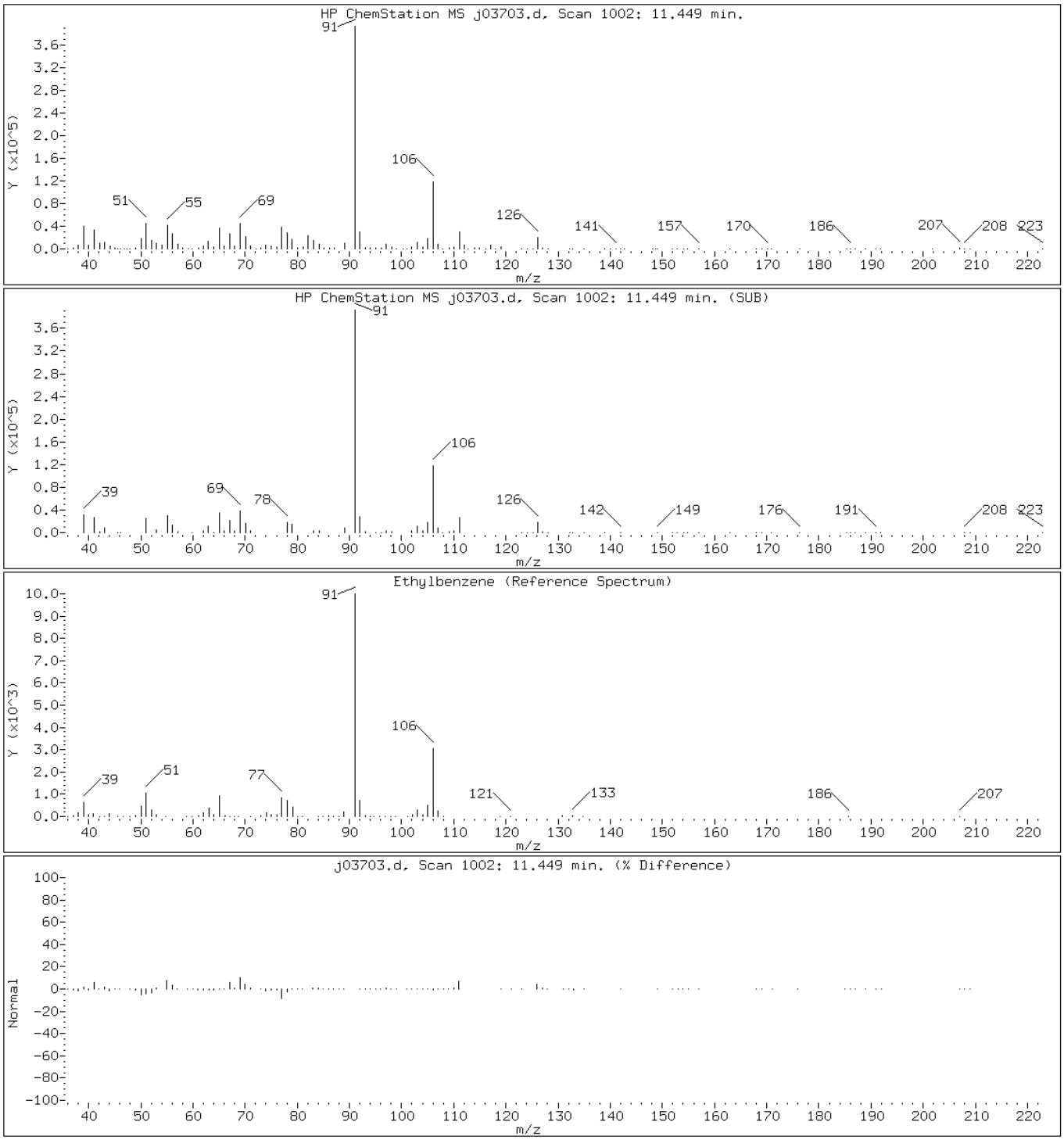
Data File: j03703.d

Date: 15-SEP-2011 10:30

Client ID: PMP-24-VS-S (1-3) Instrument: VOAMS8.i

Sample Info: 460-30837-C-4-A;50;;5.97;5 Operator:

81 Ethylbenzene



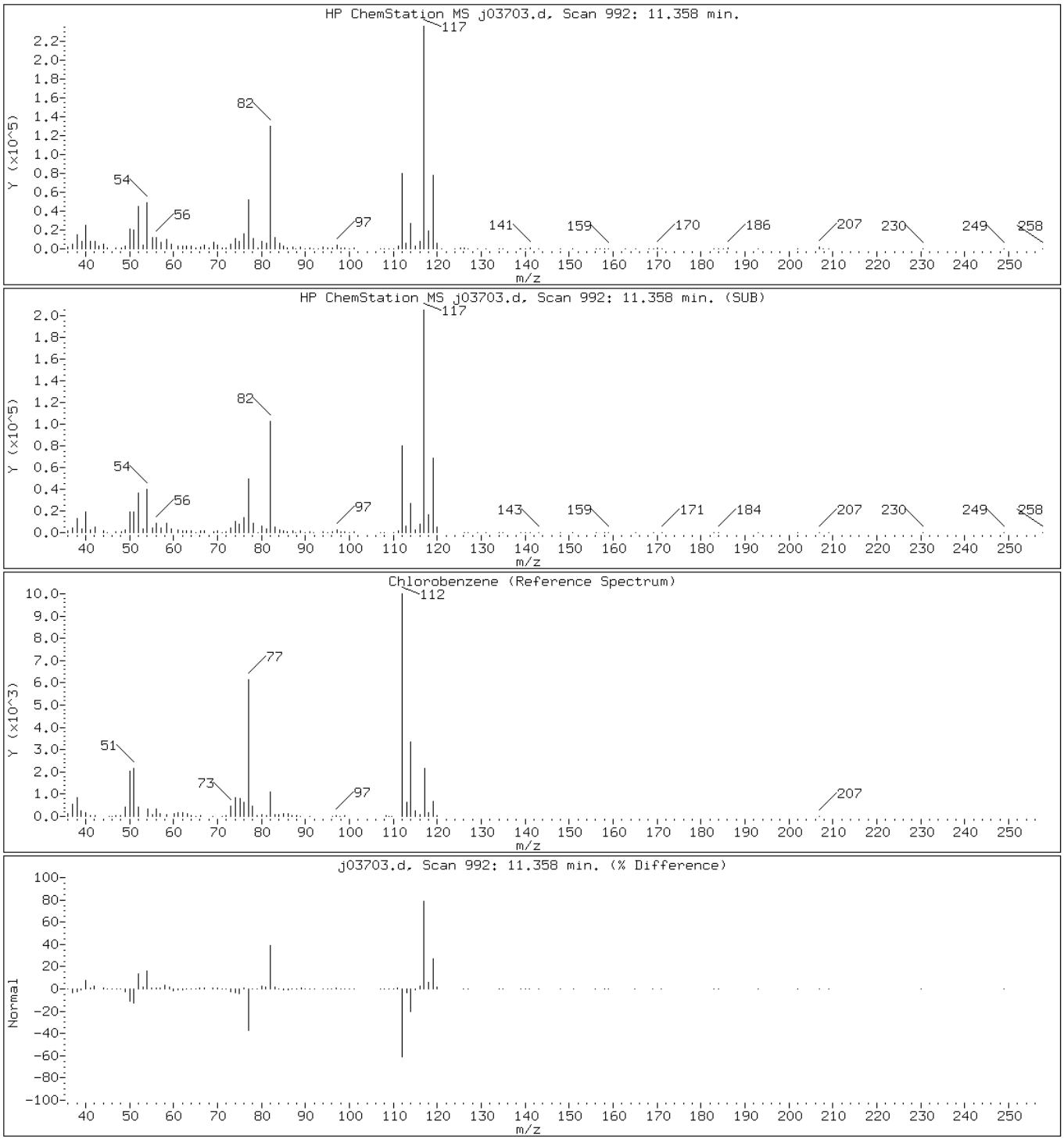
Data File: j03703.d

Date: 15-SEP-2011 10:30

Client ID: PMP-24-VS-S (1-3) Instrument: VOAMS8.i

Sample Info: 460-30837-C-4-A;50;;5.97;5 Operator:

79 Chlorobenzene



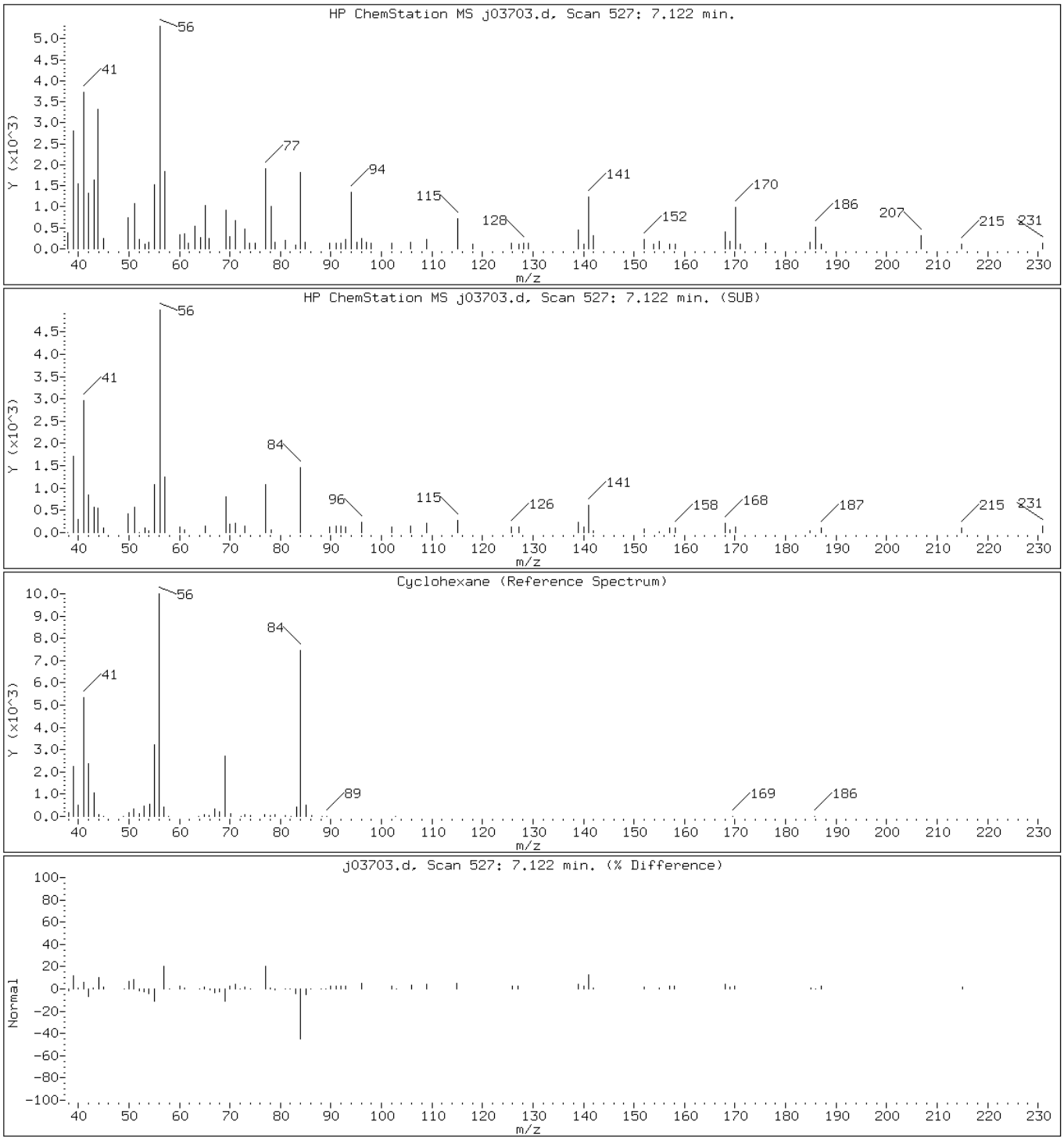
Data File: j03703.d

Date: 15-SEP-2011 10:30

Client ID: PMP-24-VS-S (1-3) Instrument: VOAMS8.i

Sample Info: 460-30837-C-4-A;50;;5.97;5 Operator:

44 Cyclohexane



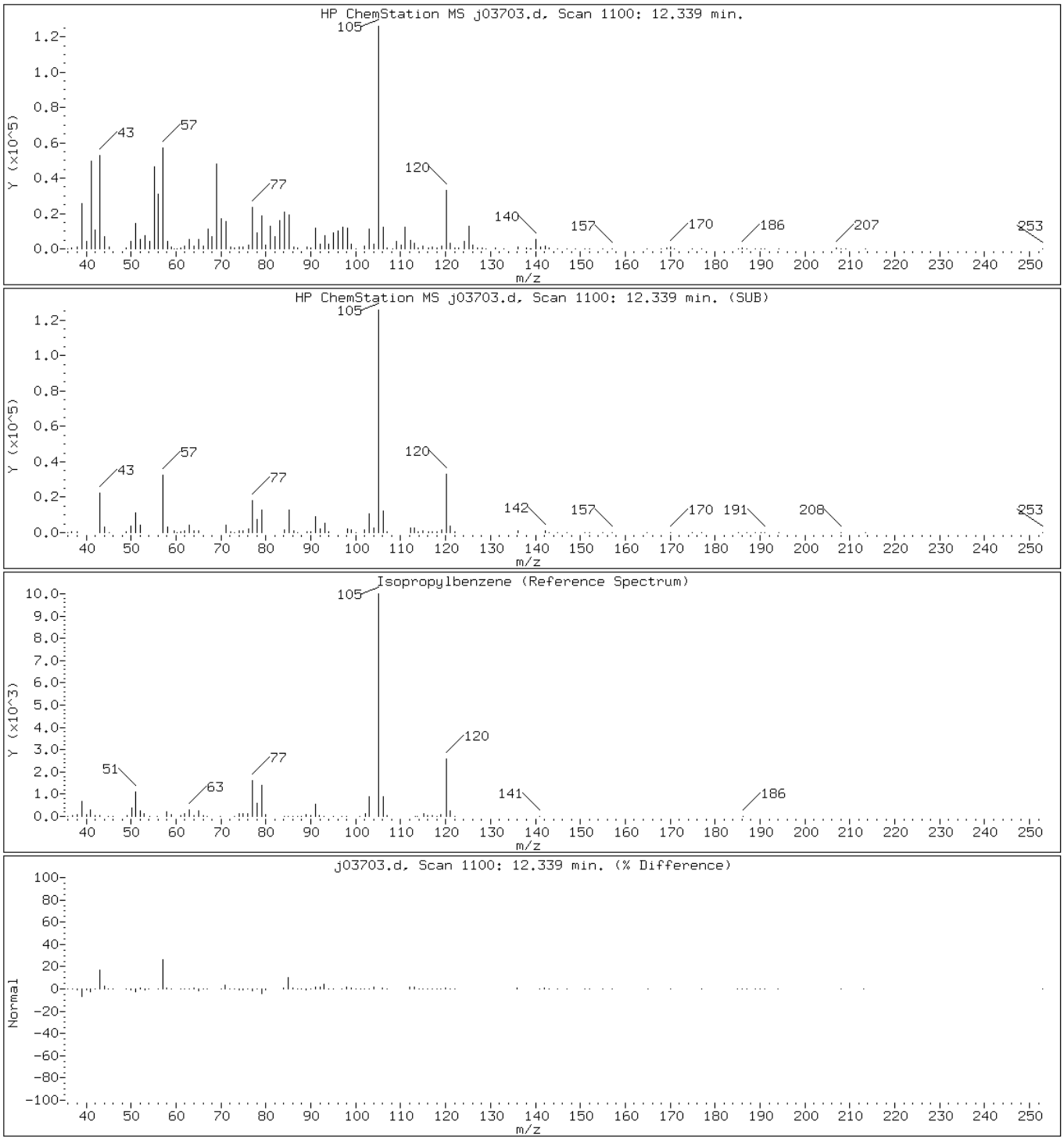
Data File: j03703.d

Date: 15-SEP-2011 10:30

Client ID: PMP-24-VS-S (1-3) Instrument: VOAMS8.i

Sample Info: 460-30837-C-4-A;50;;5.97;5 Operator:

88 Isopropylbenzene



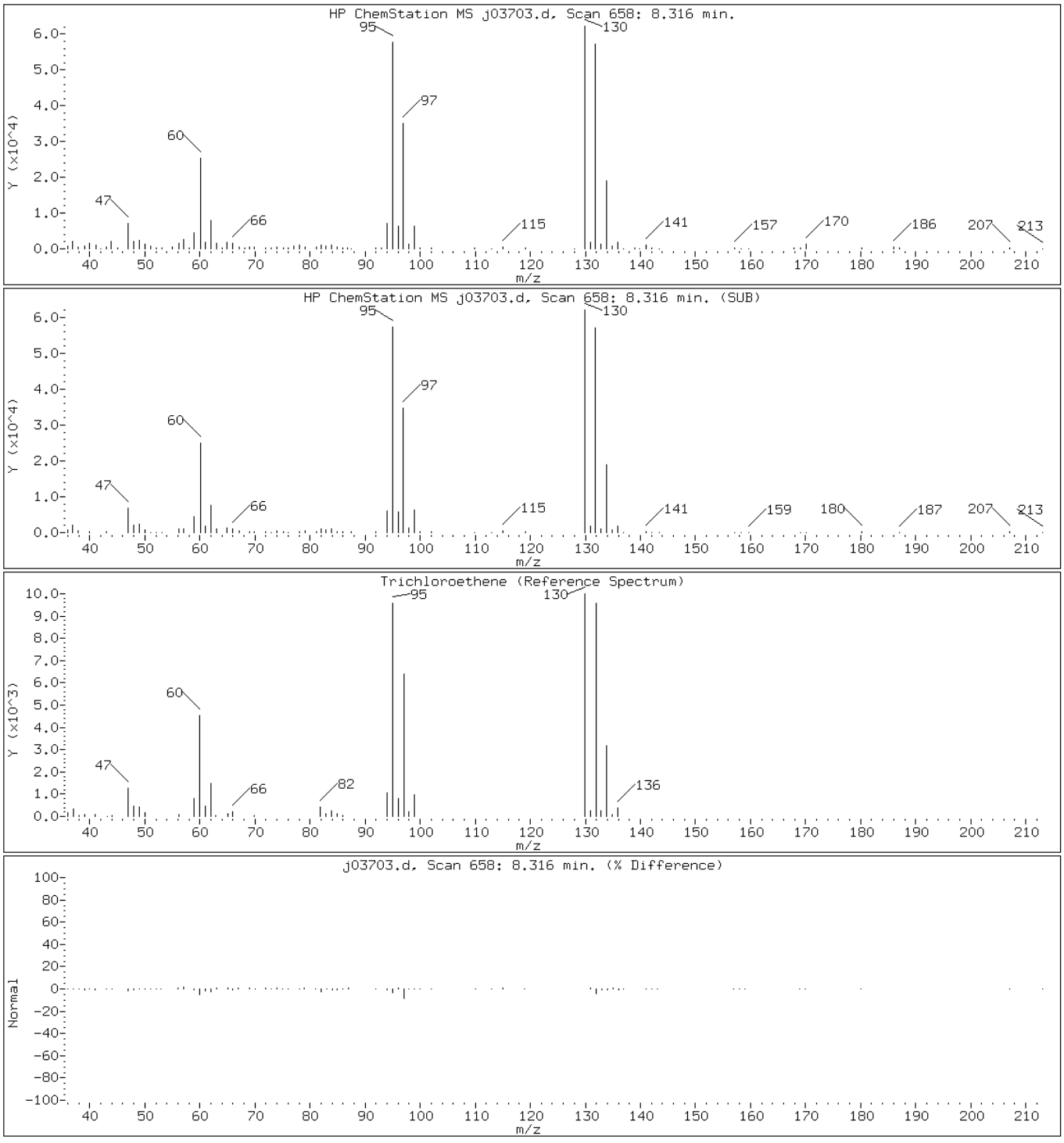
Data File: j03703.d

Date: 15-SEP-2011 10:30

Client ID: PMP-24-VS-S (1-3) Instrument: VOAMS8.i

Sample Info: 460-30837-C-4-A;50;;5.97;5 Operator:

54 Trichloroethene



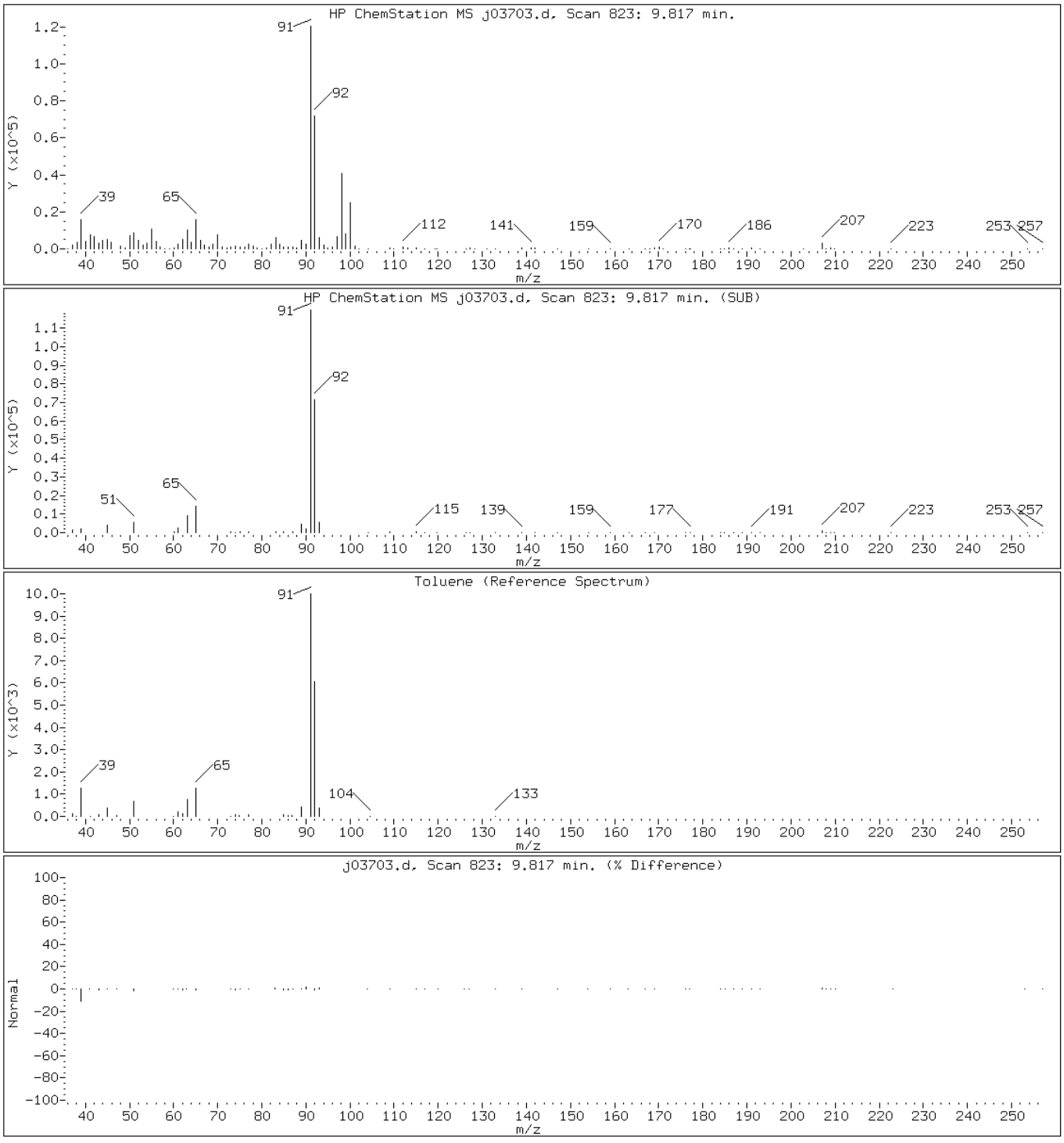
Data File: j03703.d

Date: 15-SEP-2011 10:30

Client ID: PMP-24-VS-S (1-3) Instrument: VOAMS8.i

Sample Info: 460-30837-C-4-A;50;;5.97;5 Operator:

66 Toluene



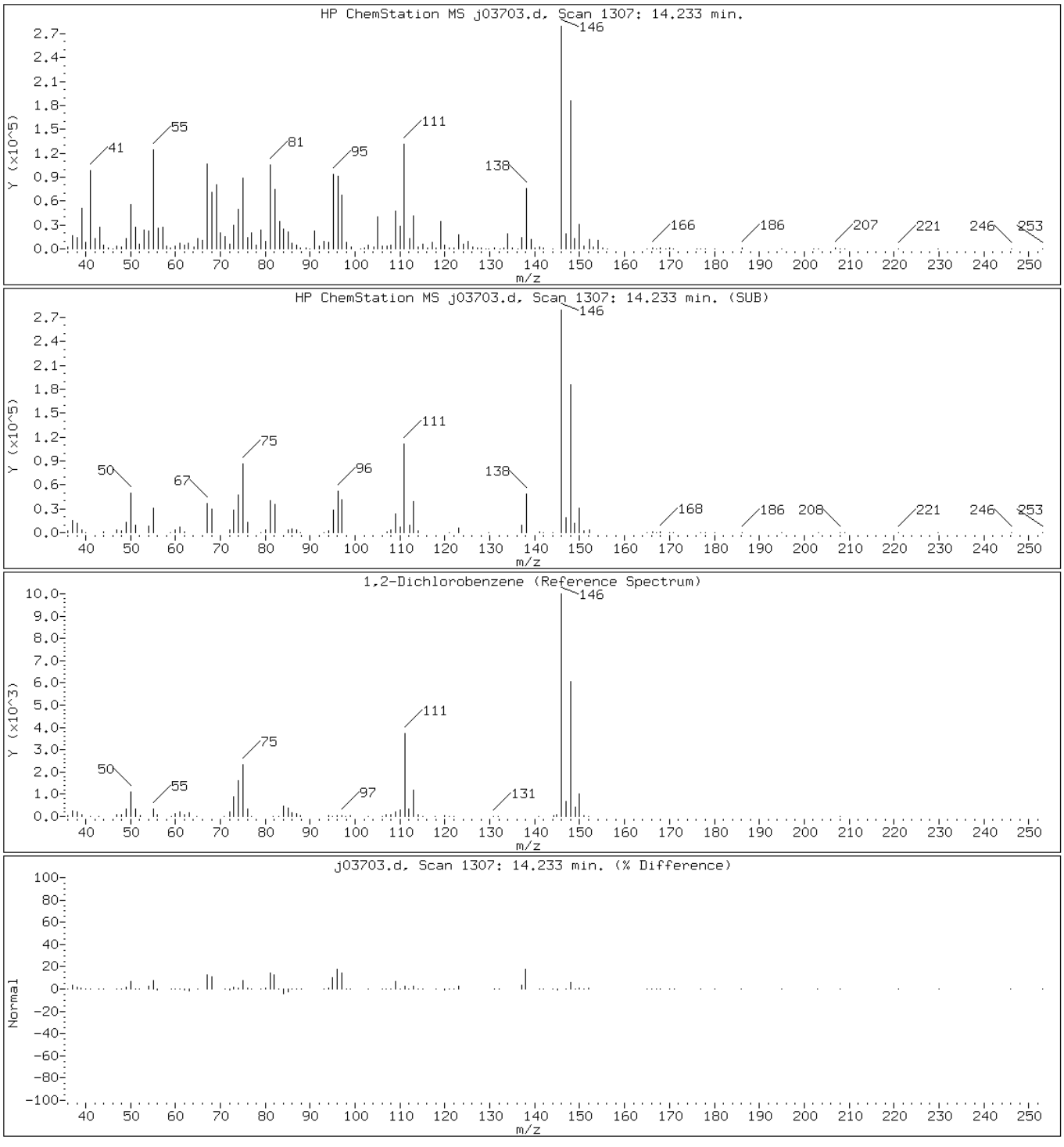
Data File: j03703.d

Date: 15-SEP-2011 10:30

Client ID: PMP-24-VS-S (1-3) Instrument: VOAMS8.i

Sample Info: 460-30837-C-4-A;50;;5.97;5 Operator:

111 1,2-Dichlorobenzene



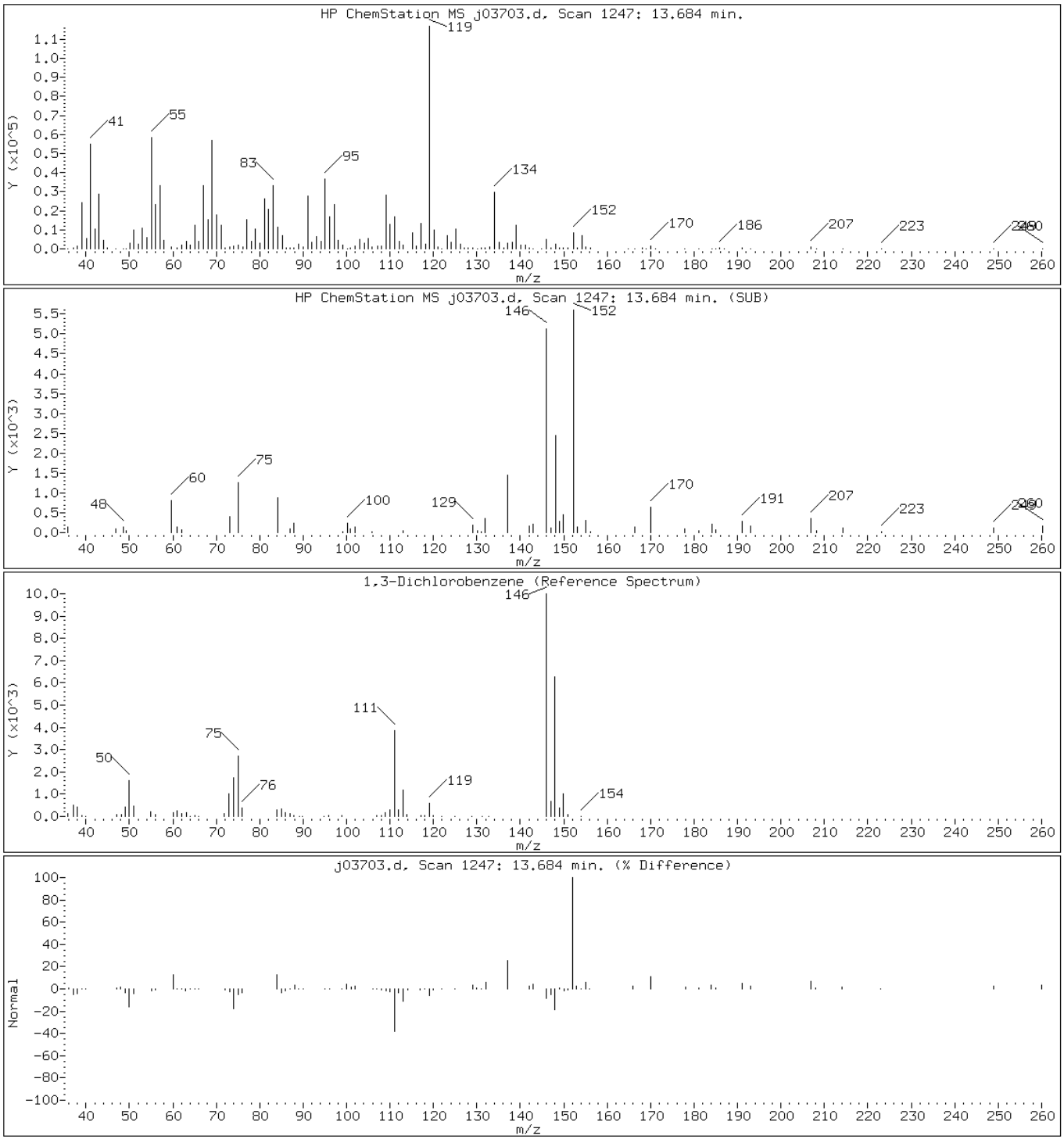
Data File: j03703.d

Date: 15-SEP-2011 10:30

Client ID: PMP-24-VS-S (1-3) Instrument: VOAMS8.i

Sample Info: 460-30837-C-4-A;50;;5.97;5 Operator:

105 1,3-Dichlorobenzene



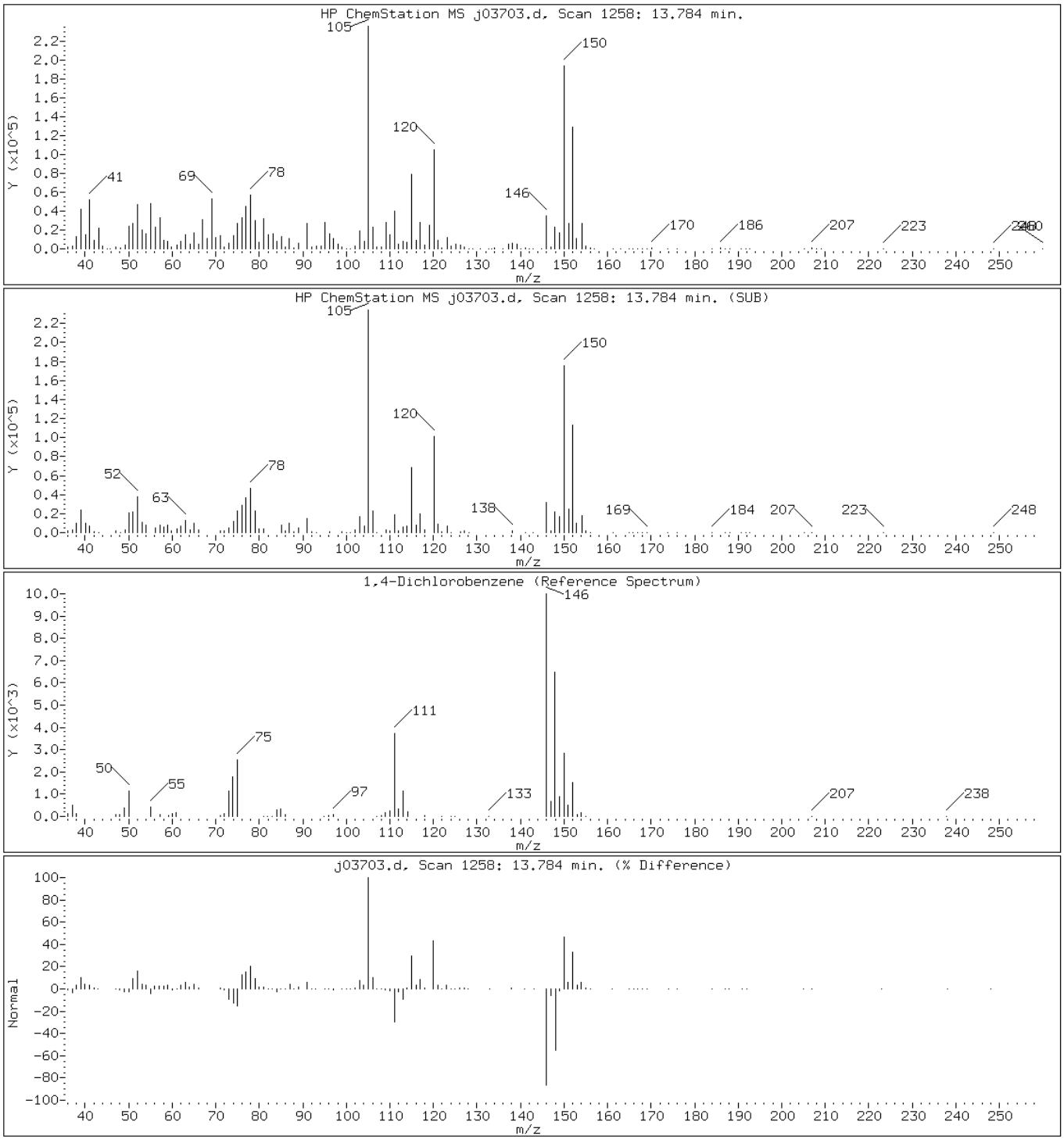
Data File: j03703.d

Date: 15-SEP-2011 10:30

Client ID: PMP-24-VS-S (1-3) Instrument: VOAMS8.i

Sample Info: 460-30837-C-4-A;50;;5.97;5 Operator:

109 1,4-Dichlorobenzene



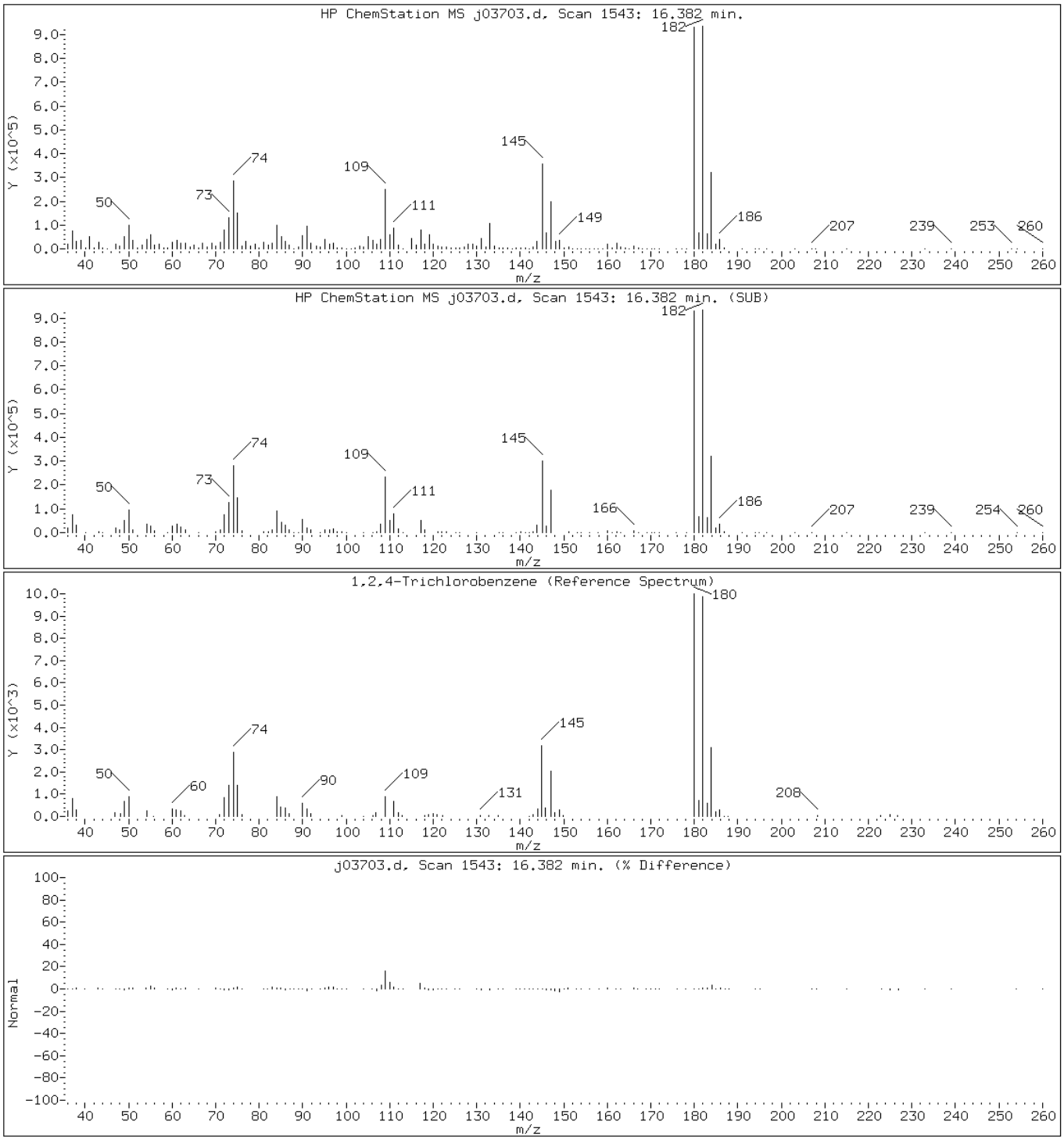
Data File: j03703.d

Date: 15-SEP-2011 10:30

Client ID: PMP-24-VS-S (1-3) Instrument: VOAMS8.i

Sample Info: 460-30837-C-4-A;50;;5.97;5 Operator:

114 1,2,4-Trichlorobenzene



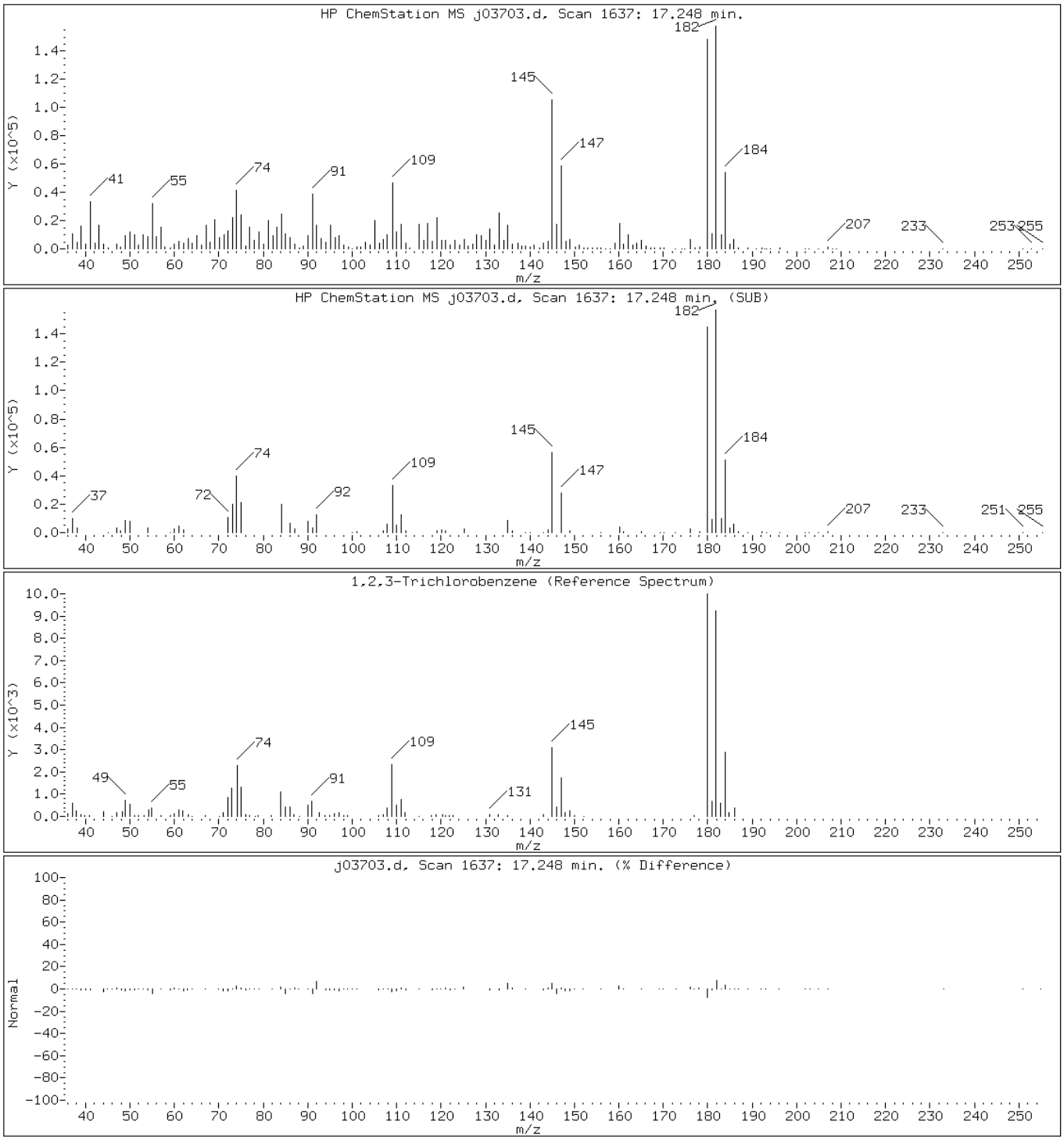
Data File: j03703.d

Date: 15-SEP-2011 10:30

Client ID: PMP-24-VS-S (1-3) Instrument: VOAMS8.i

Sample Info: 460-30837-C-4-A;50;;5.97;5 Operator:

117 1,2,3-Trichlorobenzene



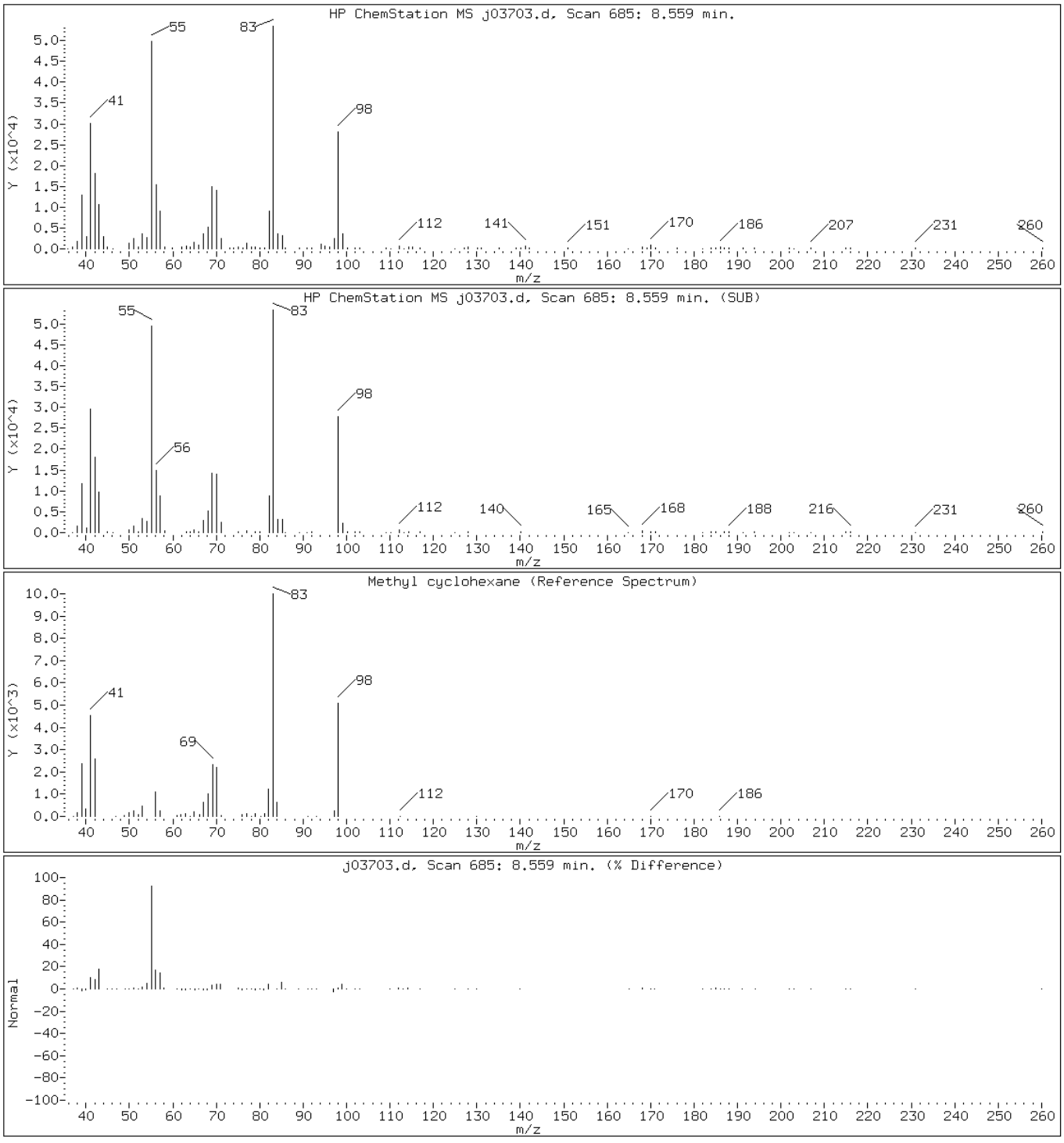
Data File: j03703.d

Date: 15-SEP-2011 10:30

Client ID: PMP-24-VS-S (1-3) Instrument: VOAMS8.i

Sample Info: 460-30837-C-4-A;50;;5.97;5 Operator:

56 Methyl cyclohexane



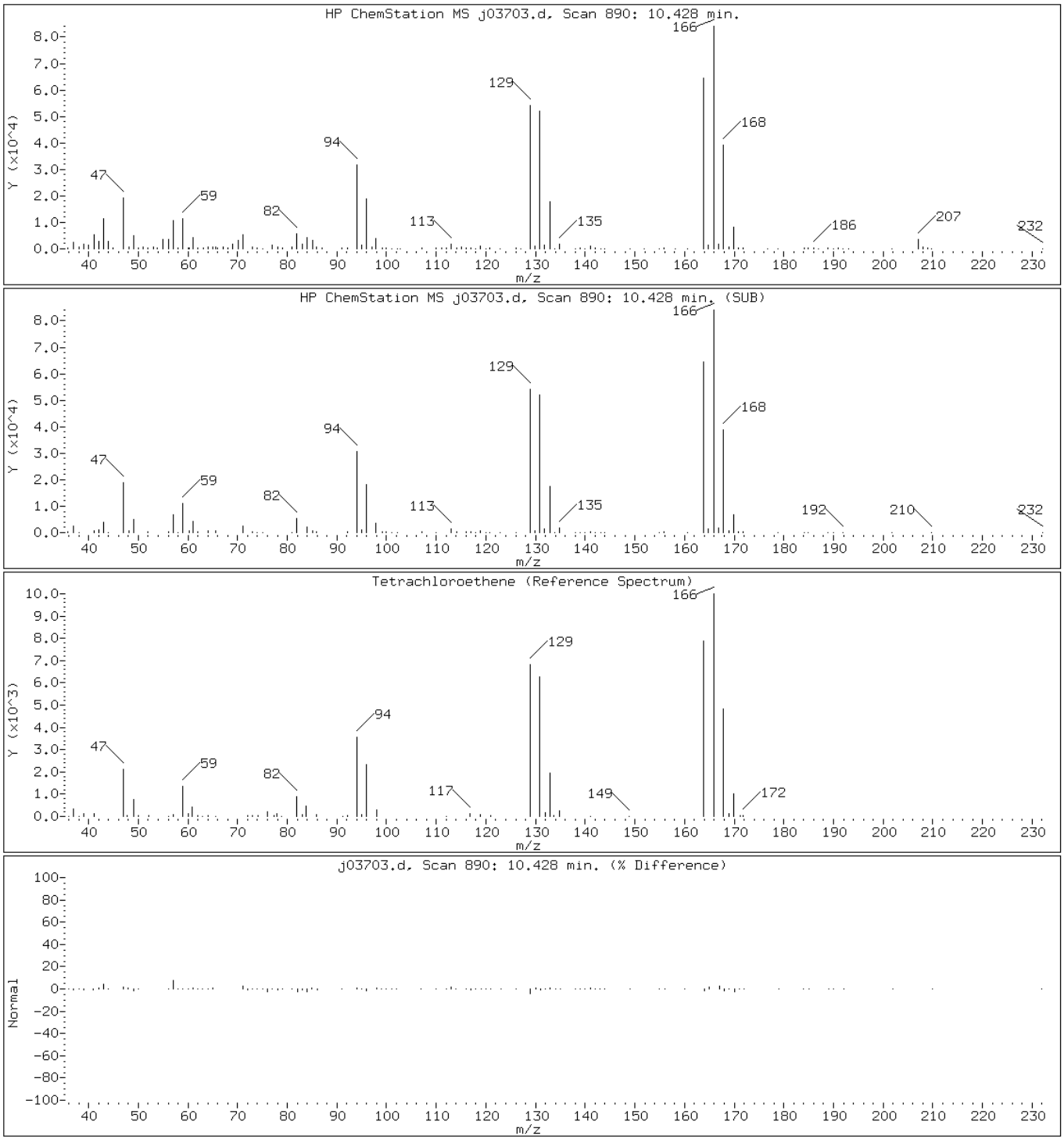
Data File: j03703.d

Date: 15-SEP-2011 10:30

Client ID: PMP-24-VS-S (1-3) Instrument: VOAMS8.i

Sample Info: 460-30837-C-4-A;50;;5.97;5 Operator:

71 Tetrachloroethene



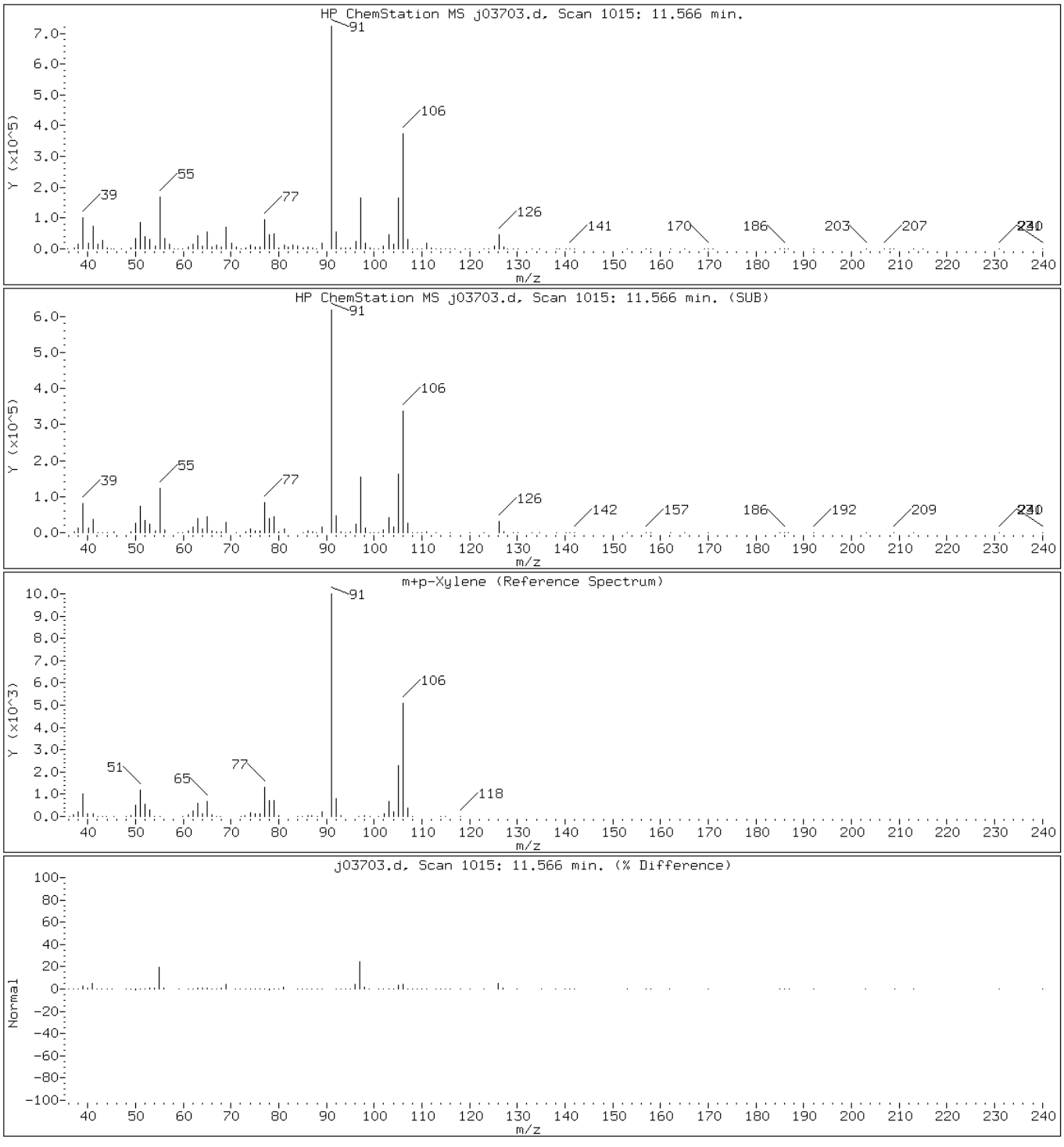
Data File: j03703.d

Date: 15-SEP-2011 10:30

Client ID: PMP-24-VS-S (1-3) Instrument: VOAMS8.i

Sample Info: 460-30837-C-4-A;50;;5.97;5 Operator:

82 m+p-Xylene



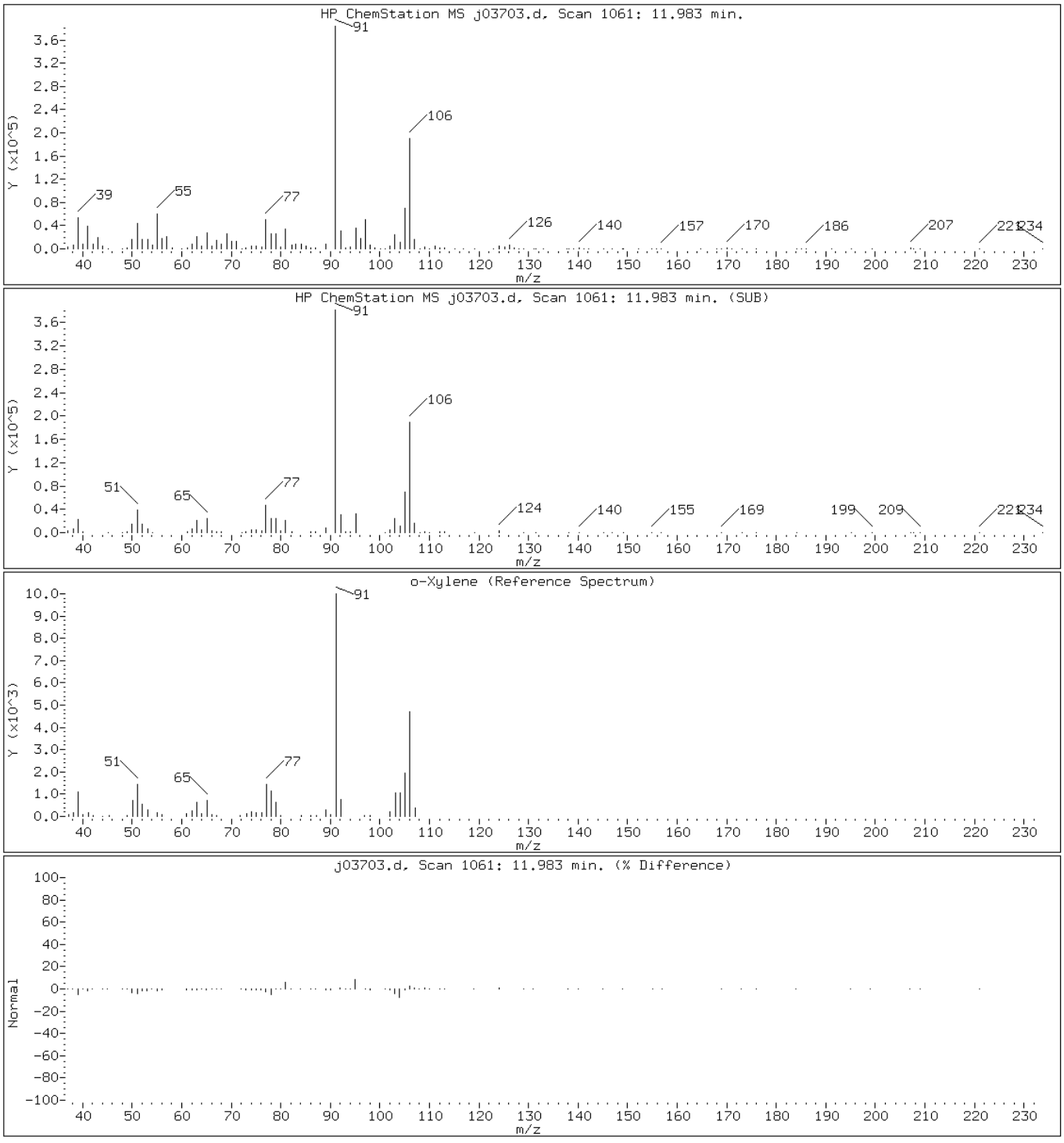
Data File: j03703.d

Date: 15-SEP-2011 10:30

Client ID: PMP-24-VS-S (1-3) Instrument: VOAMS8.i

Sample Info: 460-30837-C-4-A;50;;5.97;5 Operator:

84 o-Xylene



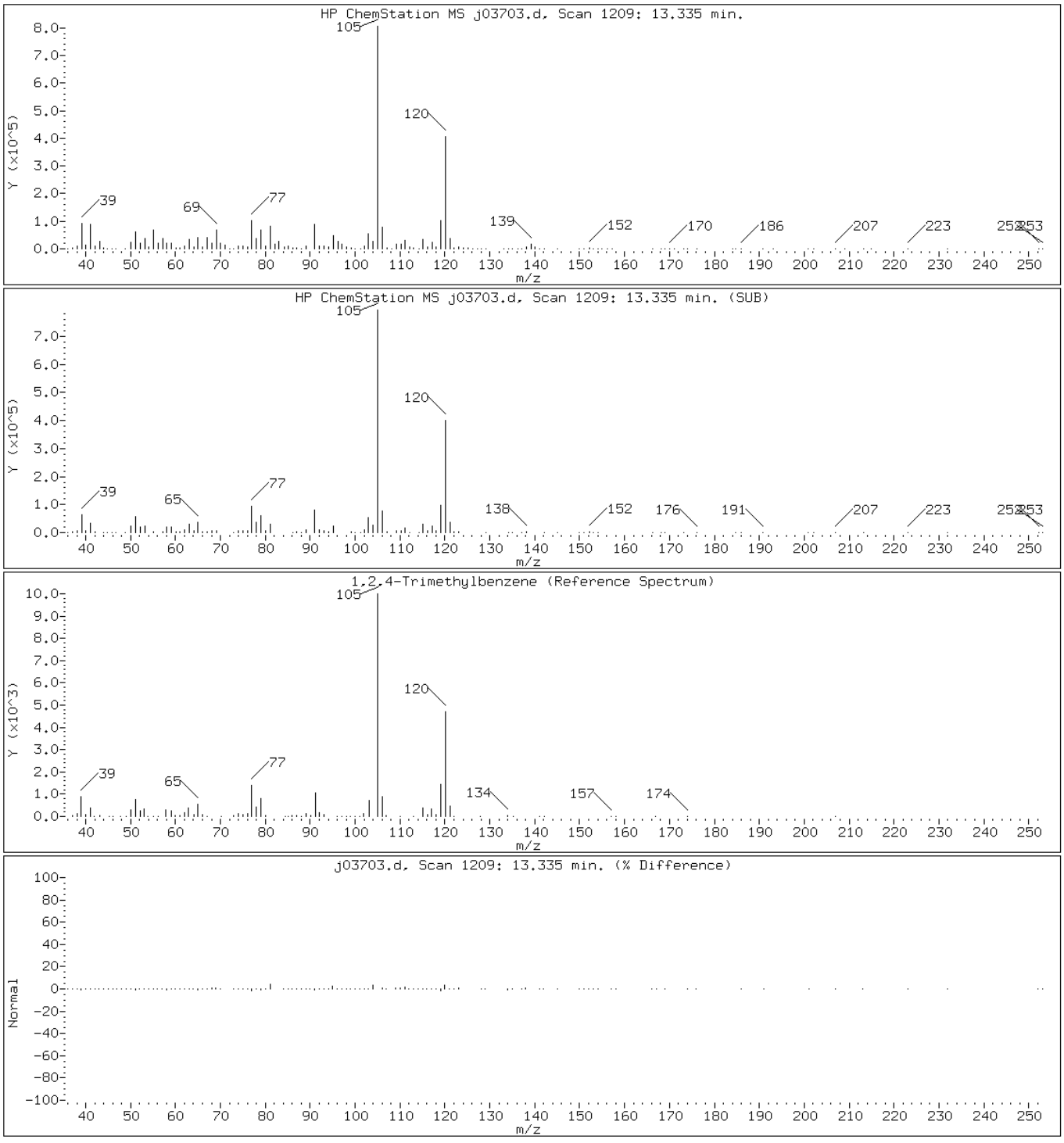
Data File: j03703.d

Date: 15-SEP-2011 10:30

Client ID: PMP-24-VS-S (1-3) Instrument: VOAMS8.i

Sample Info: 460-30837-C-4-A;50;;5.97;5 Operator:

101 1,2,4-Trimethylbenzene



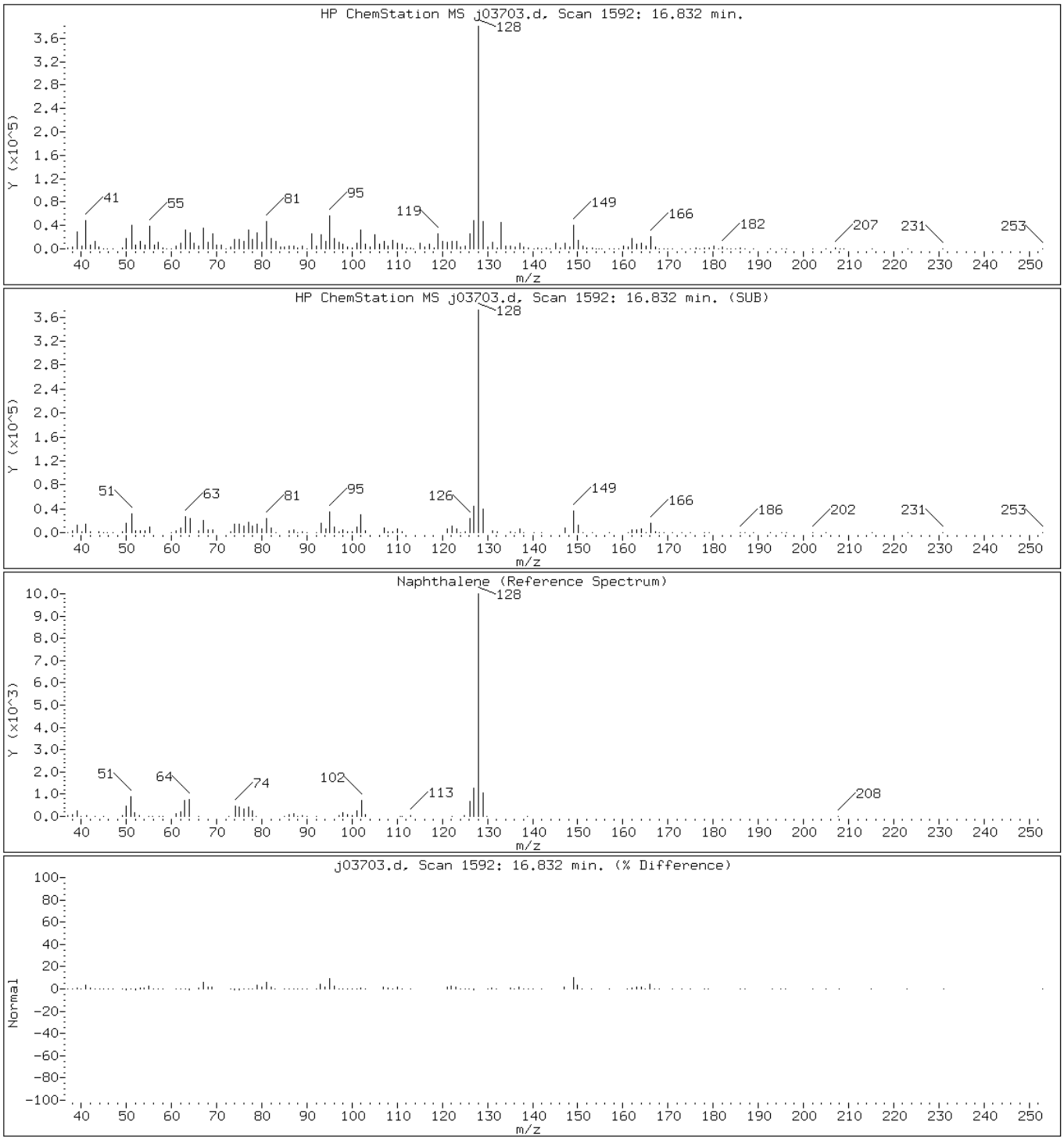
Data File: j03703.d

Date: 15-SEP-2011 10:30

Client ID: PMP-24-VS-S (1-3) Instrument: VOAMS8.i

Sample Info: 460-30837-C-4-A;50;;5.97;5 Operator:

116 Naphthalene



Data File: j03703.d

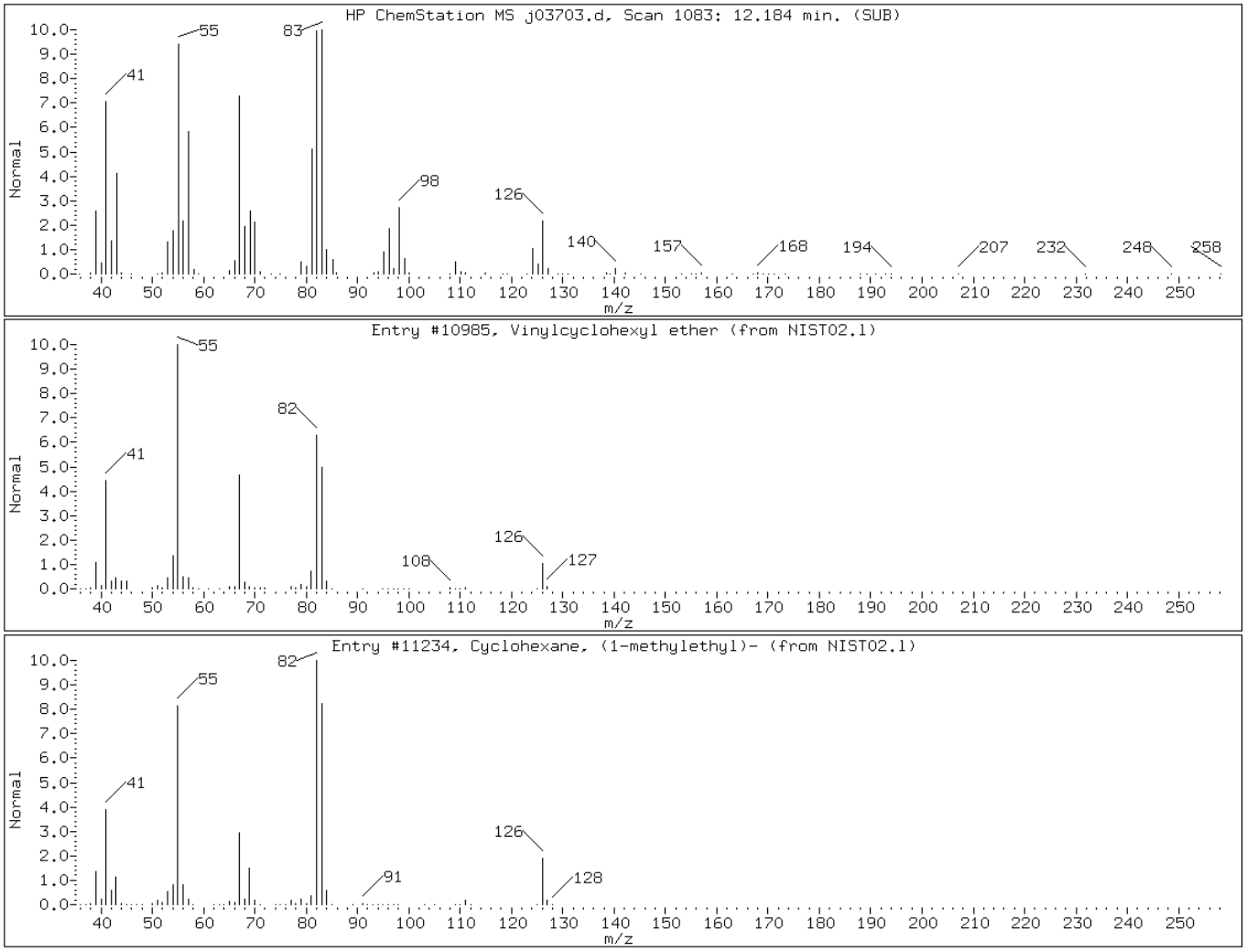
Date: 15-SEP-2011 10:30

Client ID: PMP-24-VS-S (1-3) Instrument: VOAMS8.i

Sample Info: 460-30837-C-4-A;50;;5.97;5 Operator:

Retention Time: 12.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C9H18 Cycloalkane-1						
Vinylcyclohexyl ether	2182-55-0	NIST02.l	10985	64	C8H14O	126
Cyclohexane, (1-methylethyl)-	696-29-7	NIST02.l	11234	52	C9H18	126



Data File: j03703.d

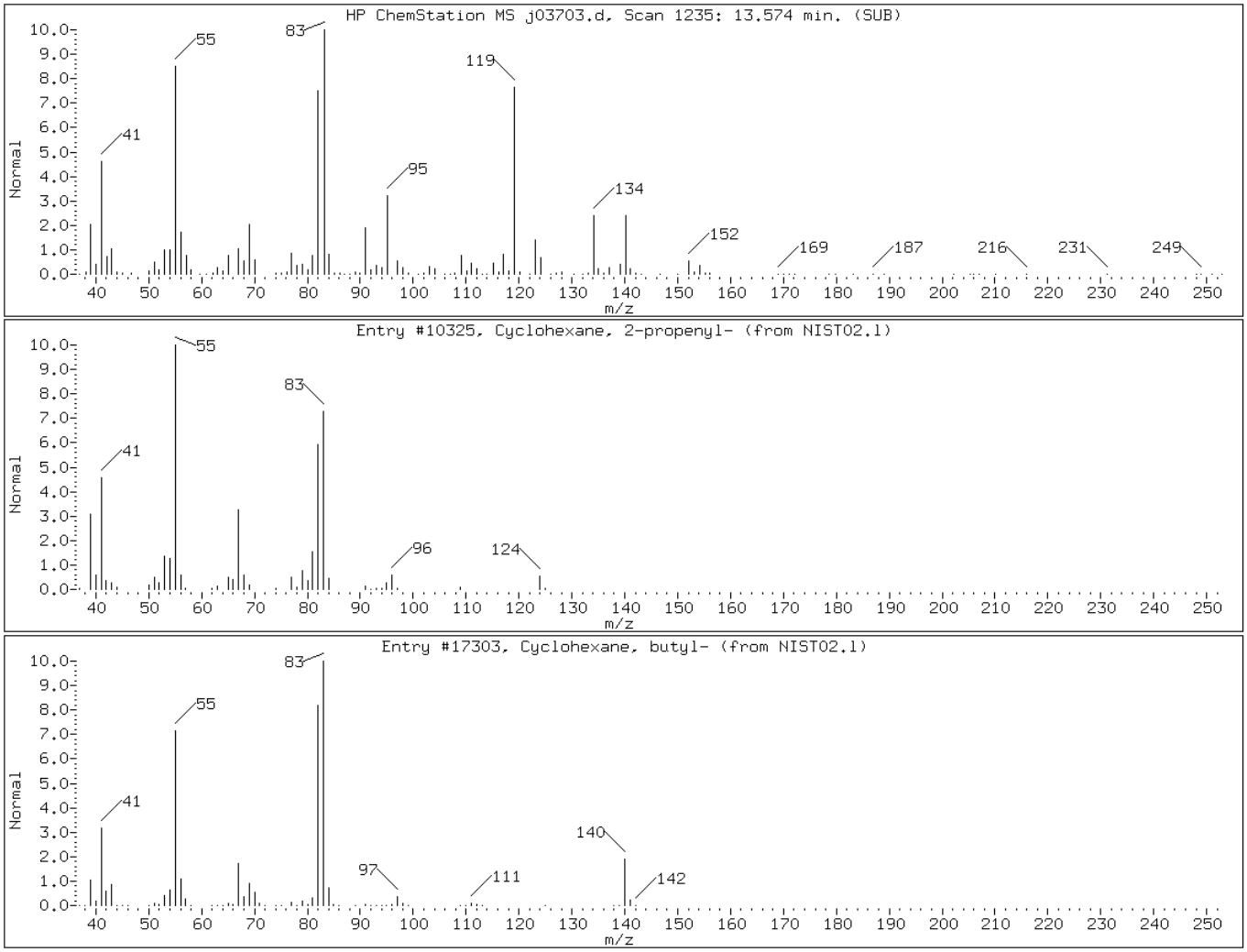
Date: 15-SEP-2011 10:30

Client ID: PMP-24-VS-S (1-3) Instrument: VOAMS8.i

Sample Info: 460-30837-C-4-A;50;;5.97;5 Operator:

Retention Time: 13.57

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H20 Cycloalkane/C10H14 Aromatic						
Cyclohexane, 2-propenyl-	2114-42-3	NIST02.l	10325	60	C9H16	124
Cyclohexane, butyl-	1678-93-9	NIST02.l	17303	46	C10H20	140



Data File: j03703.d

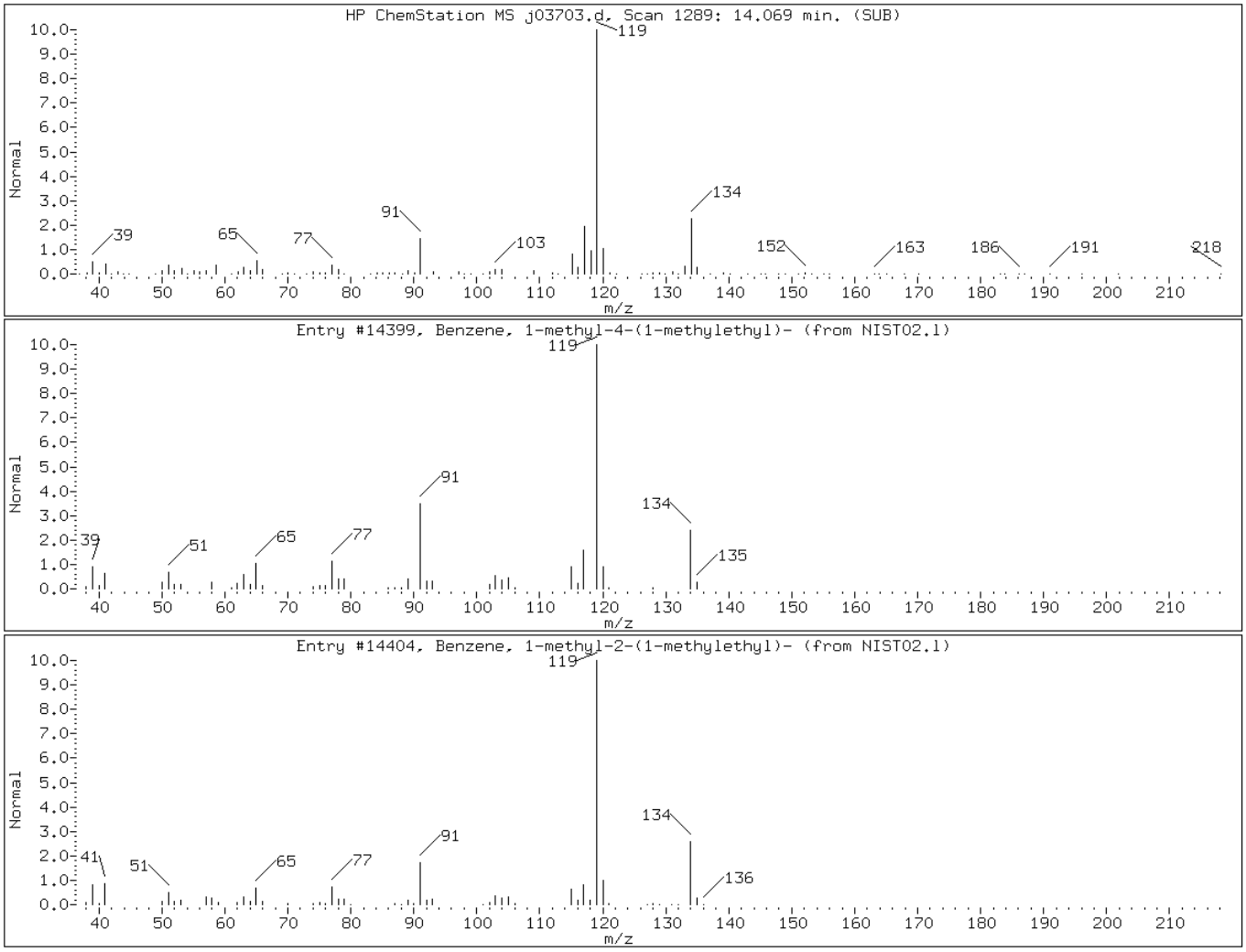
Date: 15-SEP-2011 10:30

Client ID: PMP-24-VS-S (1-3) Instrument: VOAMS8.i

Sample Info: 460-30837-C-4-A;50;;5.97;5 Operator:

Retention Time: 14.07

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H14 Aromatic-1						
Benzene, 1-methyl-4-(1-methylethyl	99-87-6	NIST02.l	14399	80	C10H14	134
Benzene, 1-methyl-2-(1-methylethyl	527-84-4	NIST02.l	14404	80	C10H14	134



Data File: j03703.d

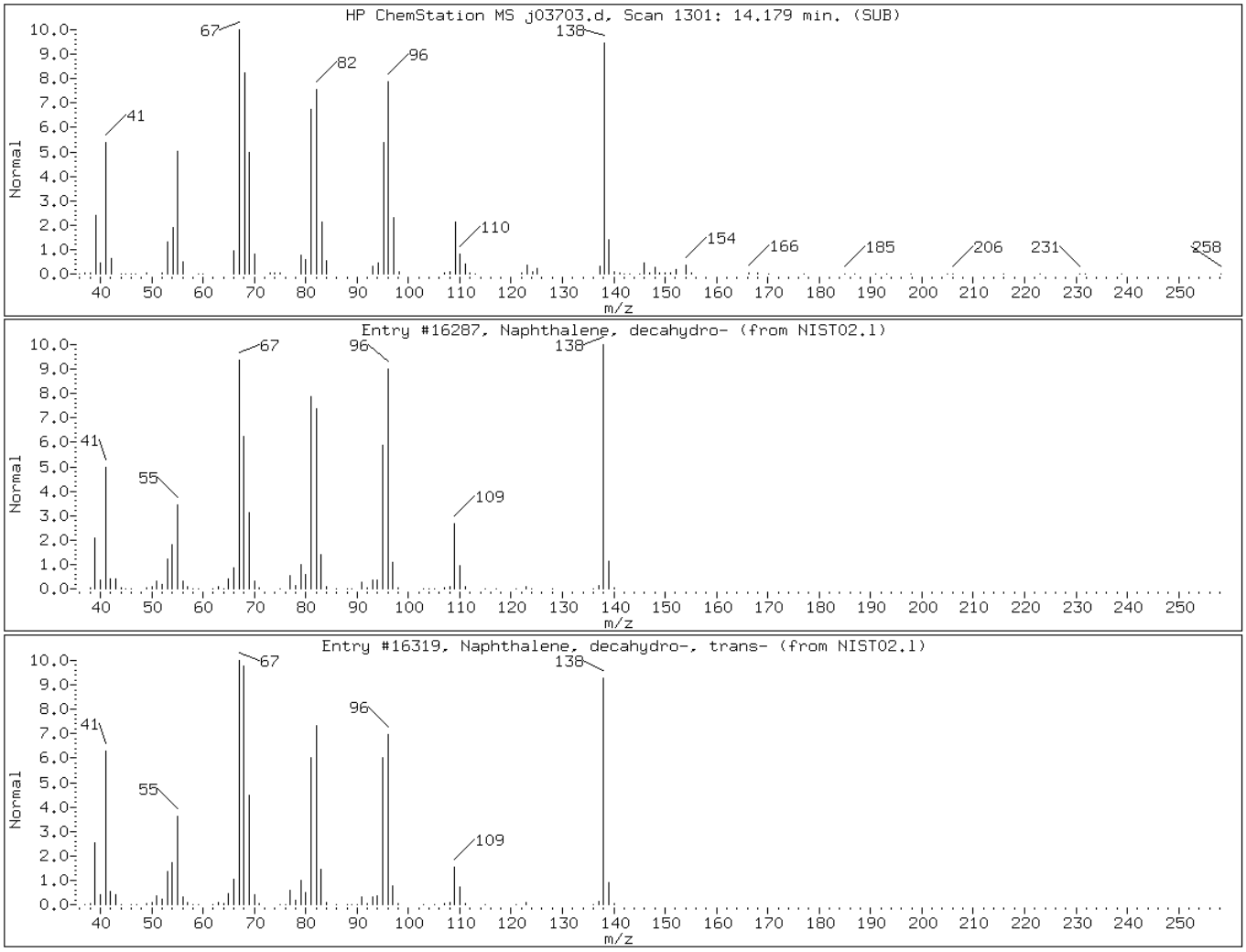
Date: 15-SEP-2011 10:30

Client ID: PMP-24-VS-S (1-3) Instrument: VOAMS8.i

Sample Info: 460-30837-C-4-A;50;;5.97;5 Operator:

Retention Time: 14.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer						
Naphthalene, decahydro-	91-17-8	NIST02.l	16287	96	C10H18	138
Naphthalene, decahydro-, trans-	493-02-7	NIST02.l	16319	96	C10H18	138



Data File: j03703.d

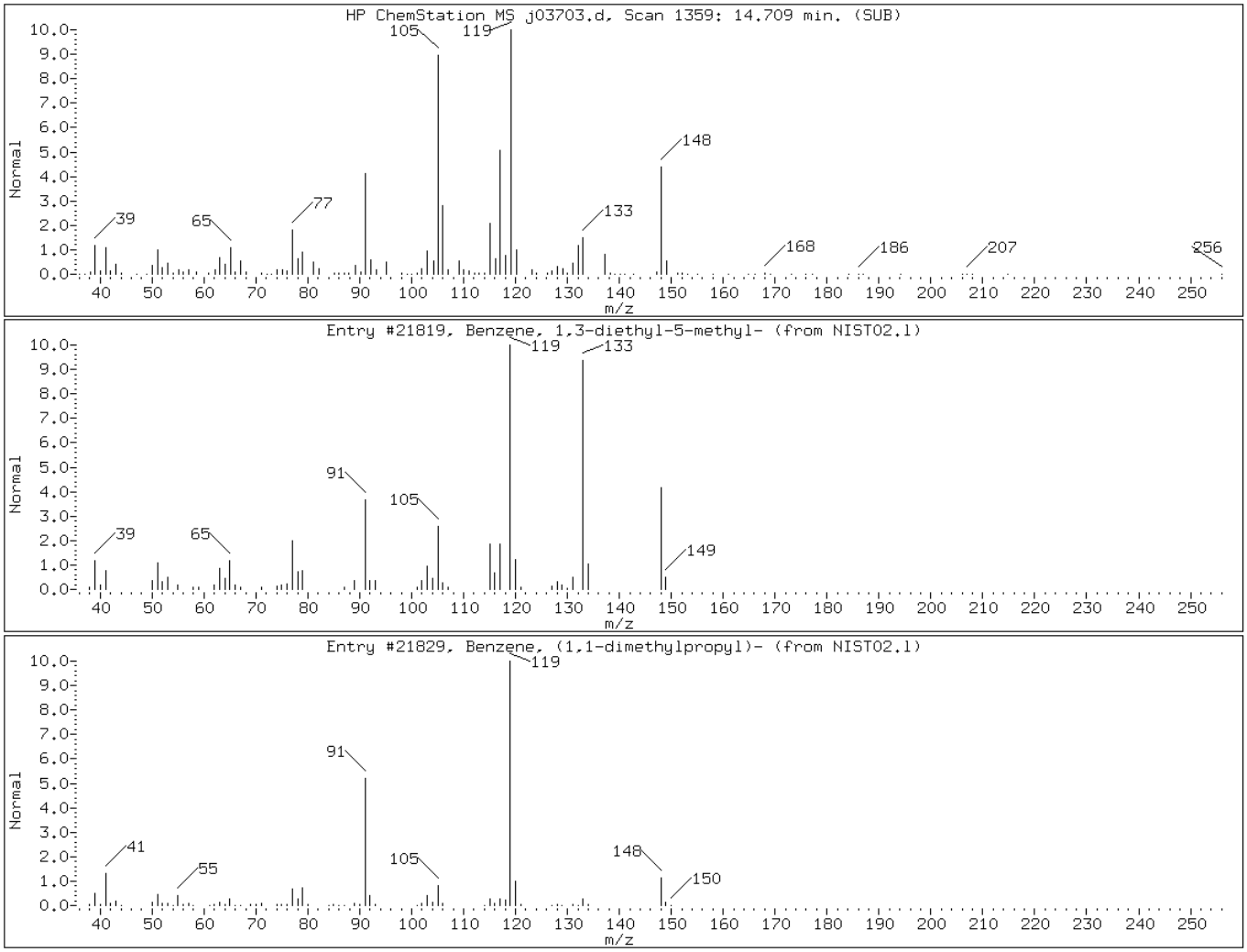
Date: 15-SEP-2011 10:30

Client ID: PMP-24-VS-S (1-3) Instrument: VOAMS8.i

Sample Info: 460-30837-C-4-A;50;;5.97;5 Operator:

Retention Time: 14.71

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Coeluting Aromatics						
Benzene, 1,3-diethyl-5-methyl-	2050-24-0	NIST02.l	21819	86	C11H16	148
Benzene, (1,1-dimethylpropyl)-	2049-95-8	NIST02.l	21829	46	C11H16	148



Data File: j03703.d

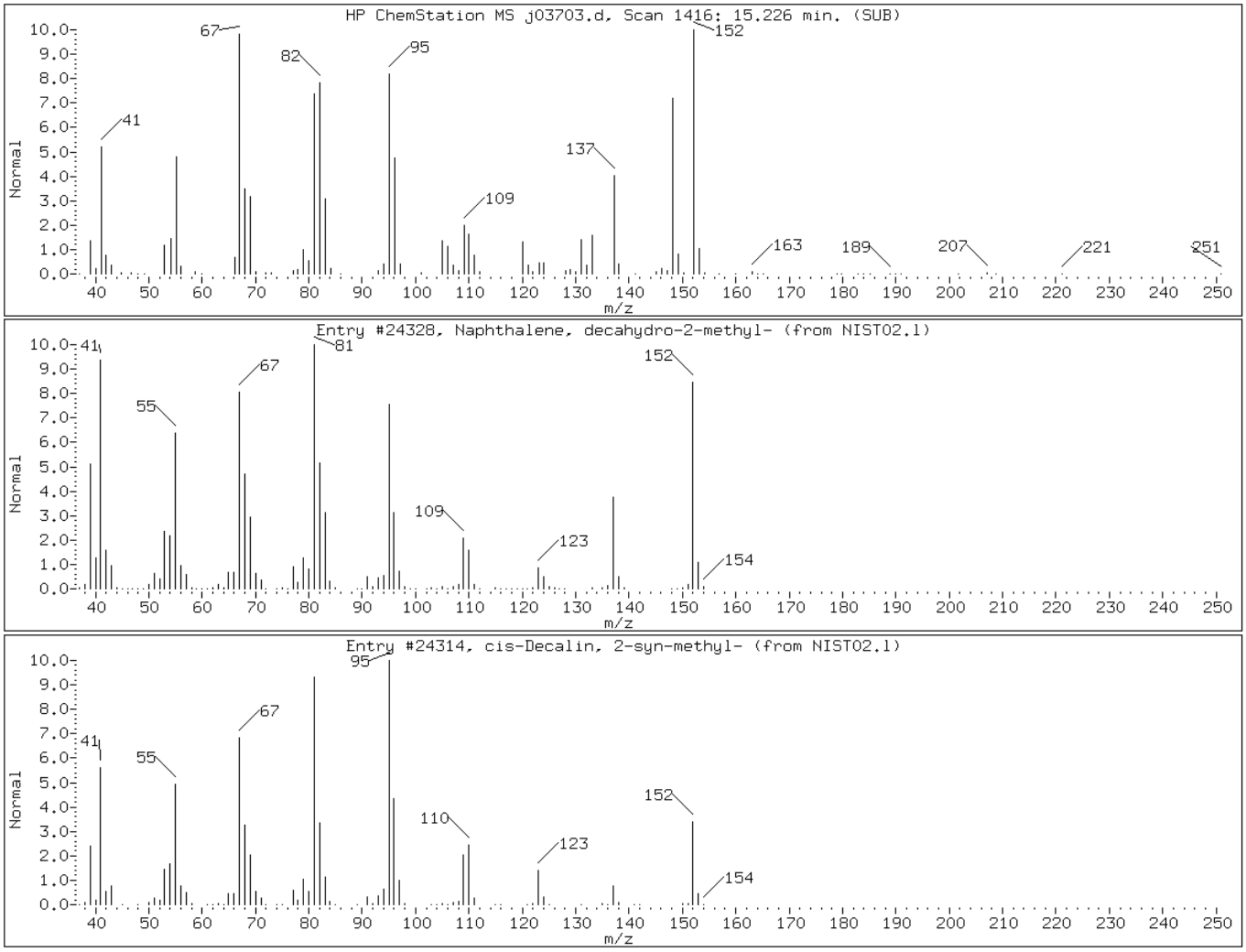
Date: 15-SEP-2011 10:30

Client ID: PMP-24-VS-S (1-3) Instrument: VOAMS8.i

Sample Info: 460-30837-C-4-A;50;;5.97;5 Operator:

Retention Time: 15.23

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
cis-Decalin, 2-syn-methyl-	1000155-85-6	NIST02.l	24314	62	C11H20	152



Data File: j03703.d

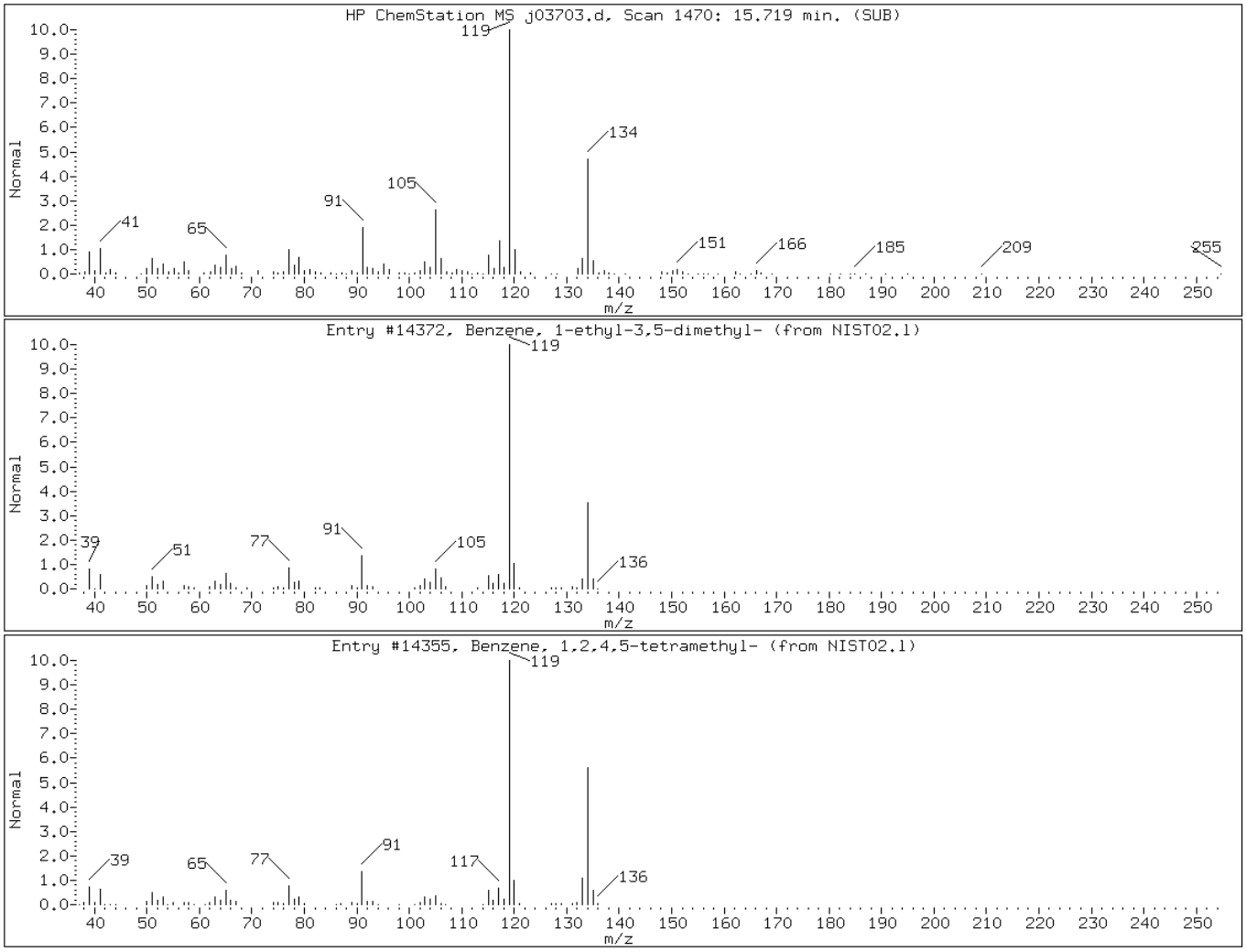
Date: 15-SEP-2011 10:30

Client ID: PMP-24-VS-S (1-3) Instrument: VOAMS8.i

Sample Info: 460-30837-C-4-A;50;;5.97;5 Operator:

Retention Time: 15.72

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H14 Aromatic-5						
Benzene, 1-ethyl-3,5-dimethyl-	934-74-7	NIST02.l	14372	93	C10H14	134
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.l	14355	93	C10H14	134



Data File: j03703.d

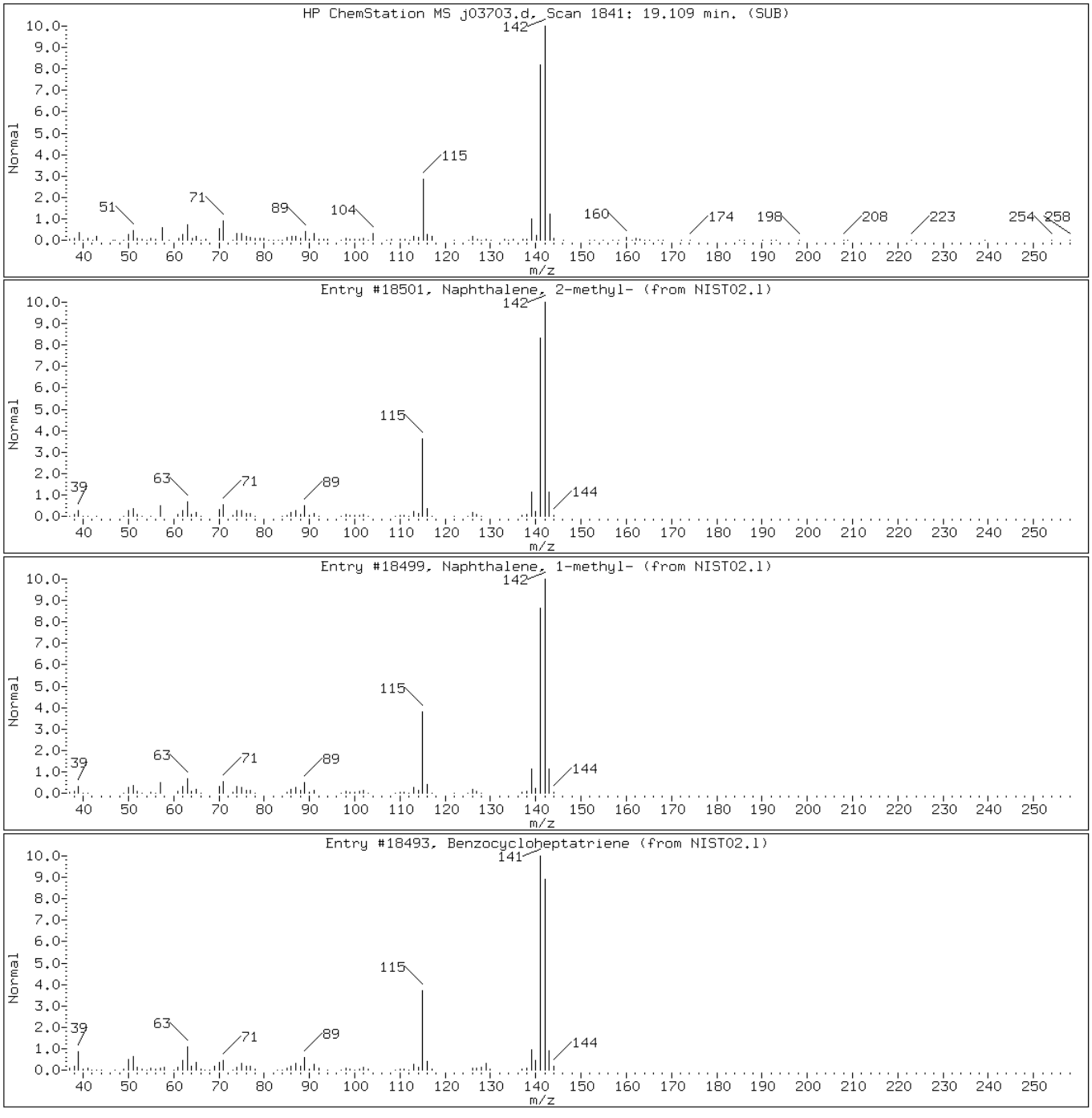
Date: 15-SEP-2011 10:30

Client ID: PMP-24-VS-S (1-3) Instrument: VOAMS8.i

Sample Info: 460-30837-C-4-A;50;;5.97;5 Operator:

Retention Time: 19.11

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	90	C11H10	142



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-24-VD-S (4.5-6.0) | Lab Sample ID: 460-30837-5

Matrix: Solid | Lab File ID: j03711.d

Analysis Method: 8260B | Date Collected: 09/08/2011 16:45

Sample wt/vol: 8.51(g) | Date Analyzed: 09/15/2011 15:09

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 500

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 9.7 | Level: (low/med) Medium

Analysis Batch No.: 86112 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	330	U	330	68
74-83-9	Bromomethane	330	U	330	100
75-01-4	Vinyl chloride	330	U	330	39
75-00-3	Chloroethane	330	U	330	140
75-09-2	Methylene Chloride	330	U	330	63
67-64-1	Acetone	3300	U	3300	810
75-15-0	Carbon disulfide	330	U *	330	47
75-69-4	Trichlorofluoromethane	330	U	330	51
75-35-4	1,1-Dichloroethene	330	U	330	46
75-34-3	1,1-Dichloroethane	330	U	330	33
156-60-5	trans-1,2-Dichloroethene	48	J	330	45
156-59-2	cis-1,2-Dichloroethene	3500		330	63
67-66-3	Chloroform	330	U	330	50
78-93-3	2-Butanone	3300	U	3300	270
107-06-2	1,2-Dichloroethane	330	U	330	80
71-55-6	1,1,1-Trichloroethane	370		330	80
56-23-5	Carbon tetrachloride	330	U	330	59
71-43-2	Benzene	85	J	330	39
75-25-2	Bromoform	330	U	330	32
100-42-5	Styrene	8000		330	45
100-41-4	Ethylbenzene	6600		330	80
108-90-7	Chlorobenzene	1800		330	54
110-82-7	Cyclohexane	330	U	330	40
98-82-8	Isopropylbenzene	820		330	69
591-78-6	2-Hexanone	3300	U	3300	180
1634-04-4	MTBE	330	U	330	60
76-13-1	Freon TF	2800		330	94
79-20-9	Methyl acetate	650	U	650	110
123-91-1	1,4-Dioxane	16000	U	16000	2800
79-01-6	Trichloroethene	110000		330	58
108-88-3	Toluene	5000		330	31
10061-02-6	trans-1,3-Dichloropropene	330	U	330	40
108-10-1	4-Methyl-2-pentanone	3300	U	3300	220
10061-01-5	cis-1,3-Dichloropropene	330	U	330	33
95-50-1	1,2-Dichlorobenzene	3900		330	53
541-73-1	1,3-Dichlorobenzene	330	U	330	73

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-24-VD-S (4.5-6.0) | Lab Sample ID: 460-30837-5

Matrix: Solid | Lab File ID: j03711.d

Analysis Method: 8260B | Date Collected: 09/08/2011 16:45

Sample wt/vol: 8.51(g) | Date Analyzed: 09/15/2011 15:09

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 500

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 9.7 | Level: (low/med) Medium

Analysis Batch No.: 86112 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	350		330	49
120-82-1	1,2,4-Trichlorobenzene	21000		330	140
87-61-6	1,2,3-Trichlorobenzene	2900		330	270
78-87-5	1,2-Dichloropropane	330	U	330	28
108-87-2	Methylcyclohexane	1100		330	26
127-18-4	Tetrachloroethene	4600		330	64
1330-20-7	Xylenes, Total	37000		980	140
96-12-8	1,2-Dibromo-3-Chloropropane	330	U	330	50
79-34-5	1,1,2,2-Tetrachloroethane	330	U	330	28
79-00-5	1,1,2-Trichloroethane	330	U	330	32
124-48-1	Dibromochloromethane	330	U	330	33
106-93-4	1,2-Dibromoethane	330	U	330	30
75-71-8	Dichlorodifluoromethane	330	U	330	92
74-97-5	Bromochloromethane	330	U	330	56
75-27-4	Bromodichloromethane	330	U	330	29

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		57-135
2037-26-5	Toluene-d8 (Surr)	86		46-130
460-00-4	Bromofluorobenzene	90		50-124

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-24-VD-S (4.5-6.0) Lab Sample ID: 460-30837-5

Matrix: Solid Lab File ID: j03711.d

Analysis Method: 8260B Date Collected: 09/08/2011 16:45

Sample wt/vol: 8.51(g) Date Analyzed: 09/15/2011 15:09

Soil Aliquot Vol: 5 (mL) Dilution Factor: 500

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.53(mm)

% Moisture: 9.7 Level: (low/med) Medium

Analysis Batch No.: 86112 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 81100

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C10H20 Cycloalkane/C9H12 Aromatic	12.88	8700	J
	C11H24 Alkane/C9H12 Aromatic-1	13.17	4800	J
95-63-6	1,2,4-Trimethylbenzene	13.34	6600	
	C10H20 Cycloalkane-1	13.58	8600	J
	C10H14 Aromatic-2	14.53	5000	J
	Coeluting Aromatics	14.72	11000	J
	Decahydromethylnaphthalene isomer	14.95	7300	J
	Decahydromethylnaphthalene isomer-1	15.24	11000	J
	C10H14 Aromatic-3	15.73	11000	J
91-20-3	Naphthalene	16.84	7100	

Data File: /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03711.d
Report Date: 21-Sep-2011 18:29

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03711.d
Lab Smp Id: 460-30837-C-5-A Client Smp ID: PMP-24-VD-S (4.5-6.
Inj Date : 15-SEP-2011 15:09
Operator : Inst ID: VOAMS8.i
Smp Info : 460-30837-C-5-A;500;;8.51;5
Misc Info : 460-30837-C-5-A
Comment   :
Method   : /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/8260_09.m
Meth Date : 15-Sep-2011 04:53 audberto Quant Type: ISTD
Cal Date : 14-SEP-2011 06:22 Cal File: j03643.d
Als bottle: 22
Dil Factor: 500.00000
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	500.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	8.51000	Weight of sample extracted (g)
M	9.67153	% 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	4.359	4.318	(0.552)	234883	8.45923	2800
	25 trans-1,2-Dichloroethene	96	5.188	5.179	(0.657)	2729	0.14765	48(a)
	36 cis-1,2-Dichloroethene	96	6.422	6.391	(0.814)	204282	10.6397	3500
	43 1,1,1-Trichloroethane	97	7.078	7.044	(0.897)	33955	1.15133	370
$	47 1,2-Dichloroethane-d4 (SUR)	65	7.479	7.452	(0.948)	68891	4.48236	1400
	48 Benzene	78	7.562	7.532	(0.667)	14160	0.26160	85(a)
*	52 Fluorobenzene	96	7.891	7.862	(1.000)	2580458	50.0000	
	54 Trichloroethene	95	8.329	8.304	(1.056)	7010140	336.997	110000
	56 Methyl cyclohexane	83	8.575	8.549	(1.087)	46702	3.49418	1100
$	65 Toluene-d8 (SUR)	98	9.747	9.730	(0.860)	187791	4.30596	1400
	66 Toluene	91	9.820	9.804	(0.866)	880160	15.4868	5000
	71 Tetrachloroethene	166	10.432	10.425	(0.920)	272639	14.1018	4600
*	78 Chlorobenzene-d5	117	11.334	11.328	(1.000)	1933693	50.0000	
	79 Chlorobenzene	112	11.368	11.365	(1.003)	220916	5.63818	1800

Data File: /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03711.d
Report Date: 21-Sep-2011 18:29

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	81 Ethylbenzene	106	11.458	11.448	(1.011)	325807	20.4169	6600
	82 m+p-Xylene	106	11.568	11.568	(1.021)	1906178	89.0430	29000
	84 o-Xylene	106	11.989	11.984	(1.058)	542455	25.4446	8300
	85 Styrene	104	11.998	11.993	(1.059)	929606	24.5838	8000
	88 Isopropylbenzene	105	12.356	12.338	(1.090)	122170	2.50936	820
$	89 Bromofluorobenzene (SUR)	174	12.534	12.529	(0.910)	84368	4.51874	1500
	95 n-Propylbenzene	91	12.764	12.760	(0.927)	109935	2.21536	720
	97 1,3,5-Trimethylbenzene	105	12.929	12.920	(0.939)	480740	14.0248	4600
	101 1,2,4-Trimethylbenzene	105	13.340	13.332	(0.969)	731328	20.1724	6600
	103 sec-Butylbenzene	105	13.530	13.524	(0.983)	38120	0.86969	280(aH)
*	108 1,4-Dichlorobenzene-d4	152	13.768	13.760	(1.000)	827562	50.0000	
	109 1,4-Dichlorobenzene	146	13.805	13.797	(1.003)	32316	1.07039	350
	111 1,2-Dichlorobenzene	146	14.238	14.238	(1.034)	303693	11.8452	3800
	114 1,2,4-Trichlorobenzene	180	16.393	16.393	(1.191)	795849	63.2231	20000
	116 Naphthalene	128	16.842	16.838	(1.223)	485585	21.9311	7100
	117 1,2,3-Trichlorobenzene	180	17.257	17.269	(1.253)	123221	8.77550	2800
M	120 1,2-Dichloroethene (Total)	100				207012	10.9858	3600
M	121 Xylene (Total)	100				2448633	114.488	37000

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03711.d
Report Date: 21-Sep-2011 18:29

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03711.d
Lab Smp Id: 460-30837-C-5-A Client Smp ID: PMP-24-VD-S (4.5-6.
Inj Date : 15-SEP-2011 15:09
Operator : Inst ID: VOAMS8.i
Smp Info : 460-30837-C-5-A;500;;8.51;5
Misc Info : 460-30837-C-5-A
Comment   :
Method   : /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/8260_09.m
Meth Date : 15-Sep-2011 04:53 audberto Quant Type: ISTD
Cal Date : 14-SEP-2011 06:22 Cal File: j03643.d
Als bottle: 22
Dil Factor: 500.00000
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	500.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	8.51000	Weight of sample extracted (g)
M	9.67153	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 78 Chlorobenzene-d5	11.334	6269601	50.000
* 108 1,4-Dichlorobenzene-d4	13.768	5658066	50.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
C9H18 Cycloalkane					CAS #:		
10.781	808964	6.45147581	2100	0	0		78
C9H18 Cycloalkane-1					CAS #:		
11.907	766262	6.11092925	2000	0	0		78

Data File: /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03711.d
Report Date: 21-Sep-2011 18:29

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown					CAS #:		
12.190	1830279	14.5964548	4700	0		0	78
C10H20 Cycloalkane/C9H12 Aromatic					CAS #:		
12.883	3011950	26.6164198	8600	0		0	108(ML)
C11H24 Alkane/C9H12 Aromatic-1					CAS #:		
13.165	1675802	14.8089592	4800	0		0	108
C10H20 Cycloalkane-1					CAS #:		
13.576	3008810	26.5886767	8600	0		0	108(L)
C10H14 Aromatic					CAS #:		
14.081	1056934	9.34006038	3000	0		0	108
C9H8 Aromatic/C10H14 Aromatic-1					CAS #:		
14.337	833121	7.36224341	2400	0		0	108
C10H14 Aromatic-2					CAS #:		
14.535	1730922	15.2960549	5000	0		0	108
Coeluting Aromatics					CAS #:		
14.725	3791037	33.5011671	11000	0		0	108
Decahydromethylnaphthalene isomer					CAS #:		
14.954	2522790	22.2937471	7200	0		0	108
Decahydromethylnaphthalene isomer-1					CAS #:		
15.239	3862806	34.1353869	11000	0		0	108
C10H14 Aromatic-3					CAS #:		
15.725	3737942	33.0319676	11000	0		0	108
C11H14 Aromatic/C11H16 Aromatic					CAS #:		
16.231	1010954	8.93373627	2900	0		0	108
Unknown-1					CAS #:		
17.036	1149264	10.1559750	3300	0		0	108
C11H14 Aromatic-1					CAS #:		
17.787	1386679	12.2539966	4000	0		0	108
C11H14 Aromatic-2/C12H16 Aromatic					CAS #:		
18.220	938953	8.29747554	2700	0		0	108

Data File: /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03711.d
Report Date: 21-Sep-2011 18:29

QC Flag Legend

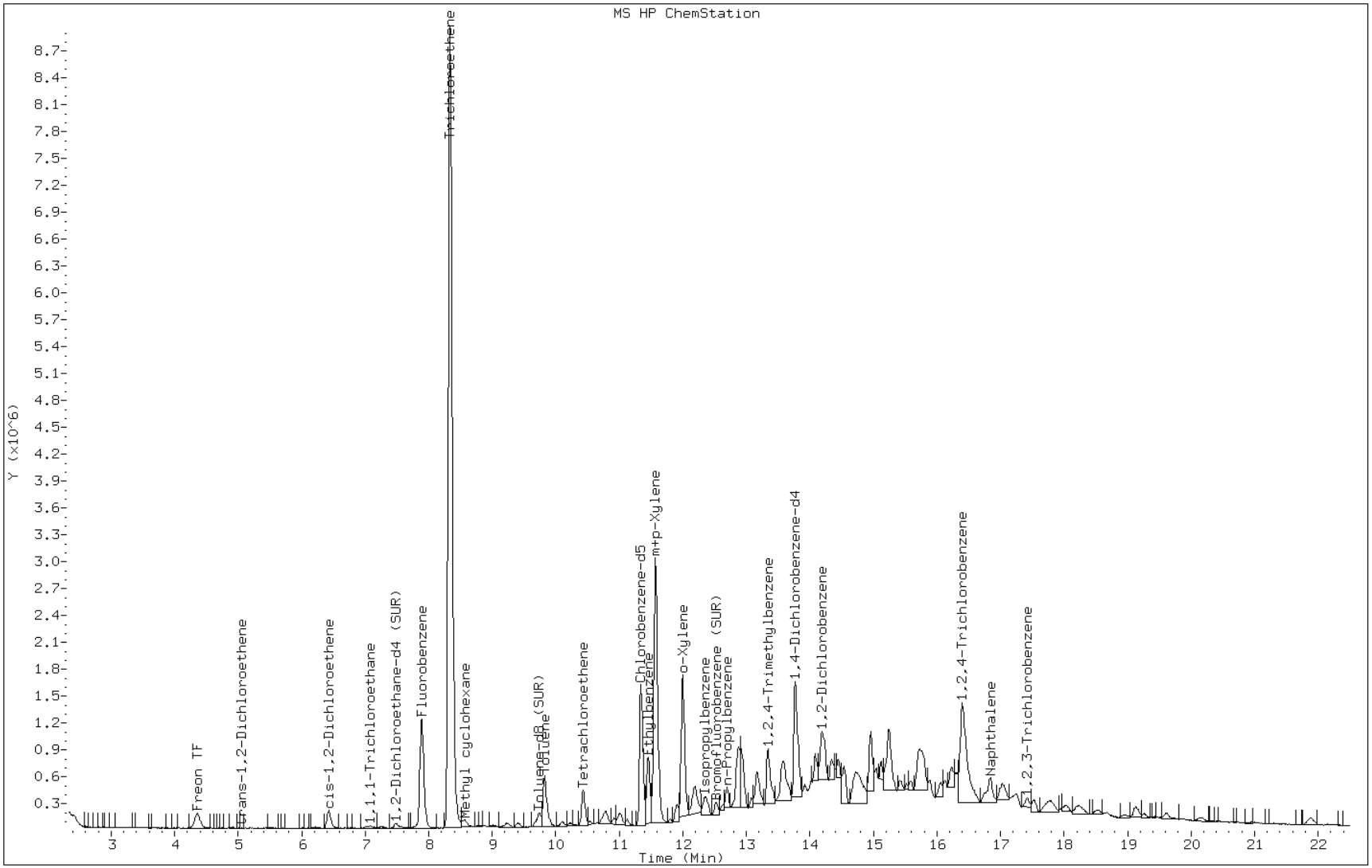
M - Compound response manually integrated.
L - Operator selected an alternate library search match.

Data File: j03711.d

Date: 15-SEP-2011 15:09

Client ID: PMP-24-VD-S (4.5-6. Instrument: VOAMS8.i

Sample Info: 460-30837-C-5-A;500;;8.51;5 Operator:



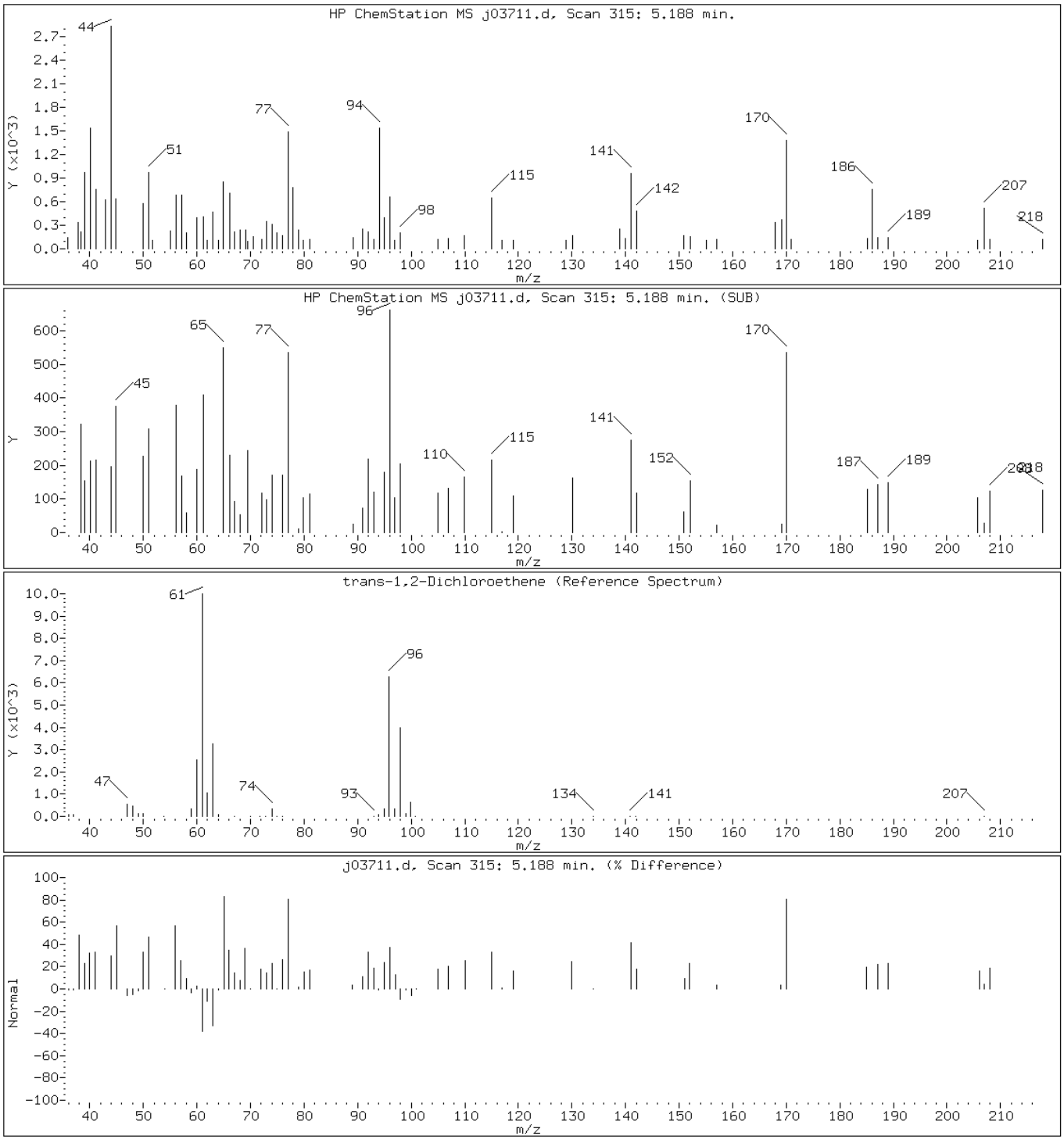
Data File: j03711.d

Date: 15-SEP-2011 15:09

Client ID: PMP-24-VD-S (4.5-6. Instrument: VOAMS8.i

Sample Info: 460-30837-C-5-A;500;;8.51;5 Operator:

25 trans-1,2-Dichloroethene



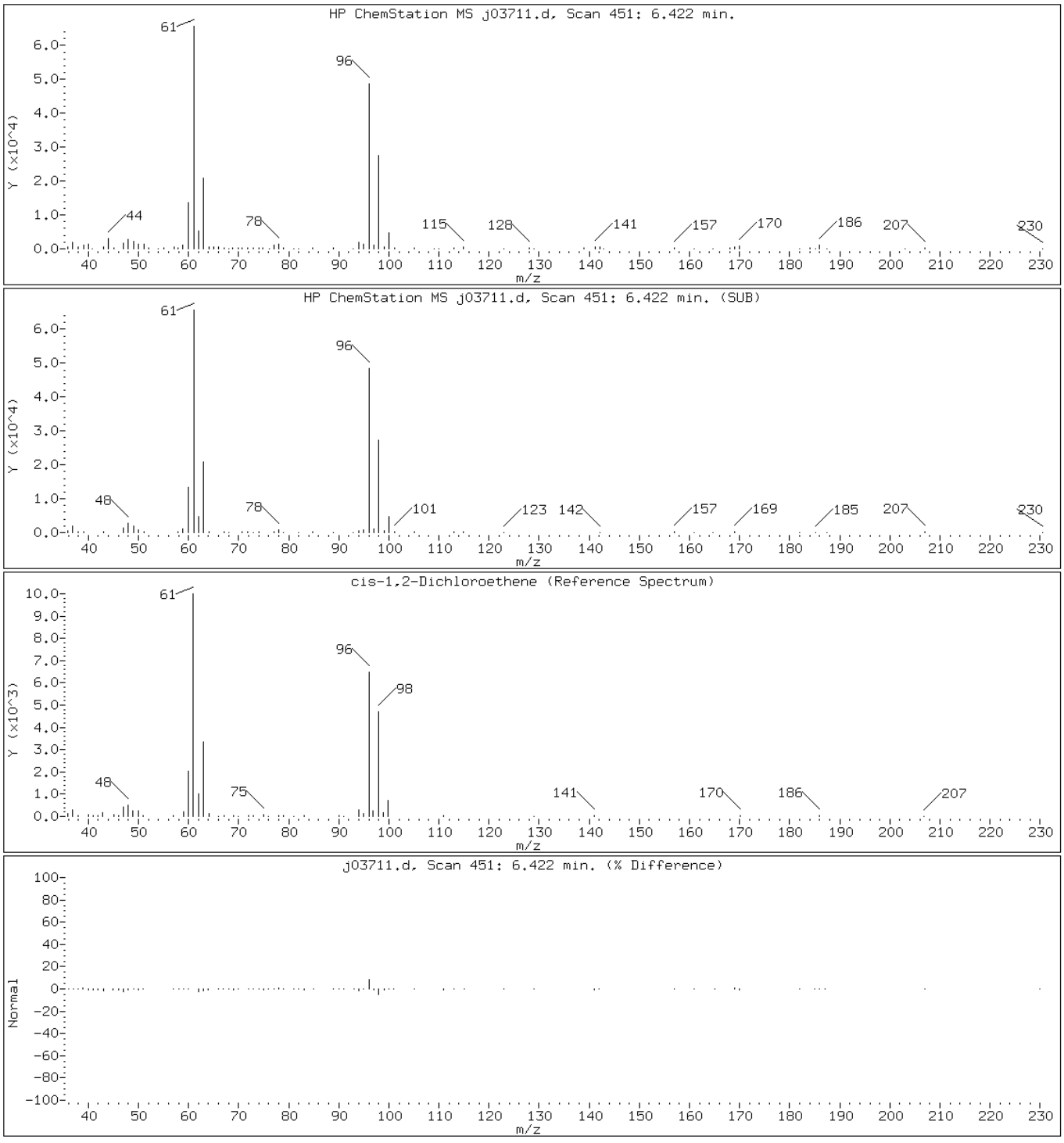
Data File: j03711.d

Date: 15-SEP-2011 15:09

Client ID: PMP-24-VD-S (4.5-6. Instrument: VOAMS8.i

Sample Info: 460-30837-C-5-A;500;;8.51;5 Operator:

36 cis-1,2-Dichloroethene



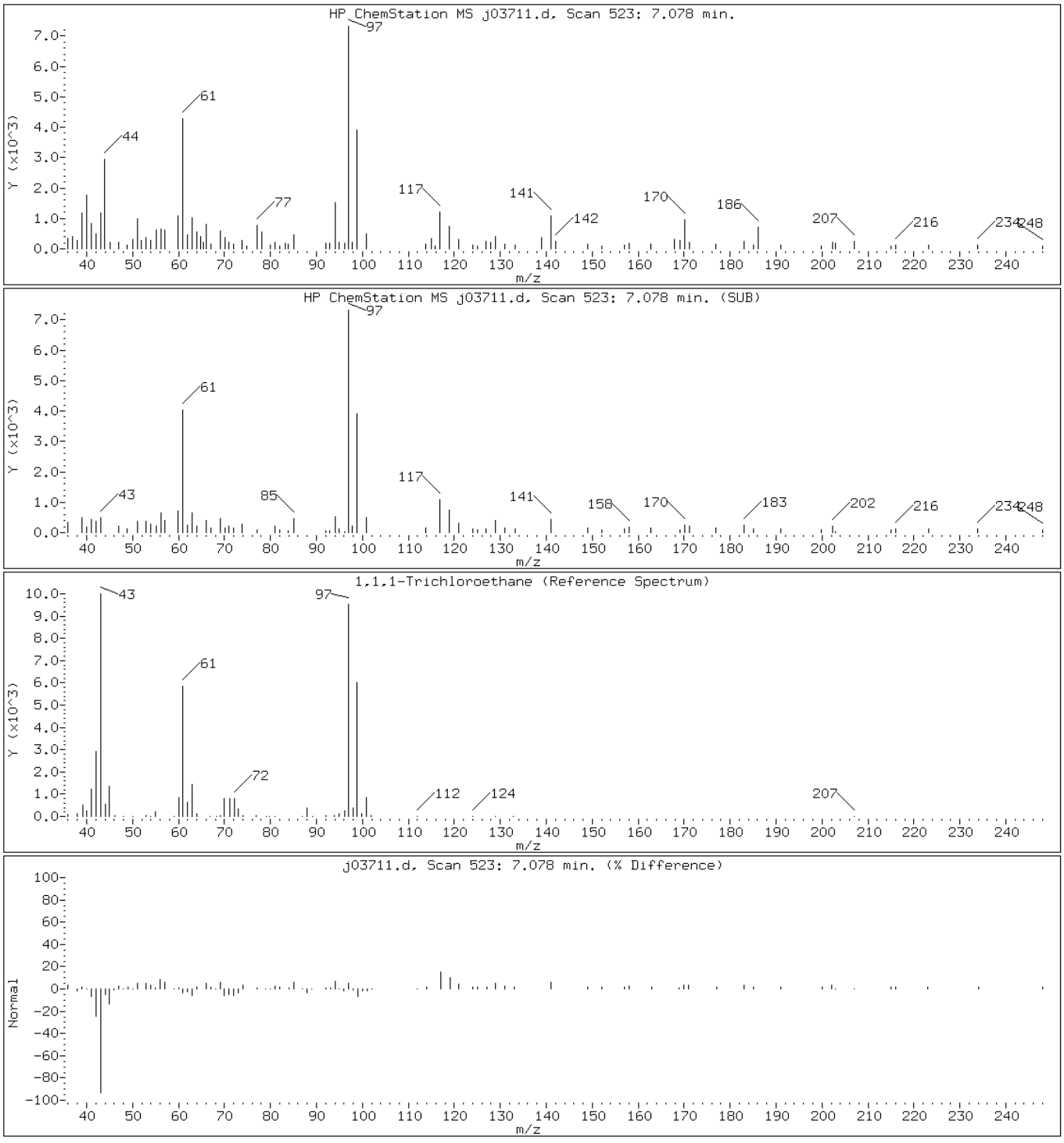
Data File: j03711.d

Date: 15-SEP-2011 15:09

Client ID: PMP-24-VD-S (4.5-6. Instrument: VOAMS8.i

Sample Info: 460-30837-C-5-A;500;;8.51;5 Operator:

43 1,1,1-Trichloroethane



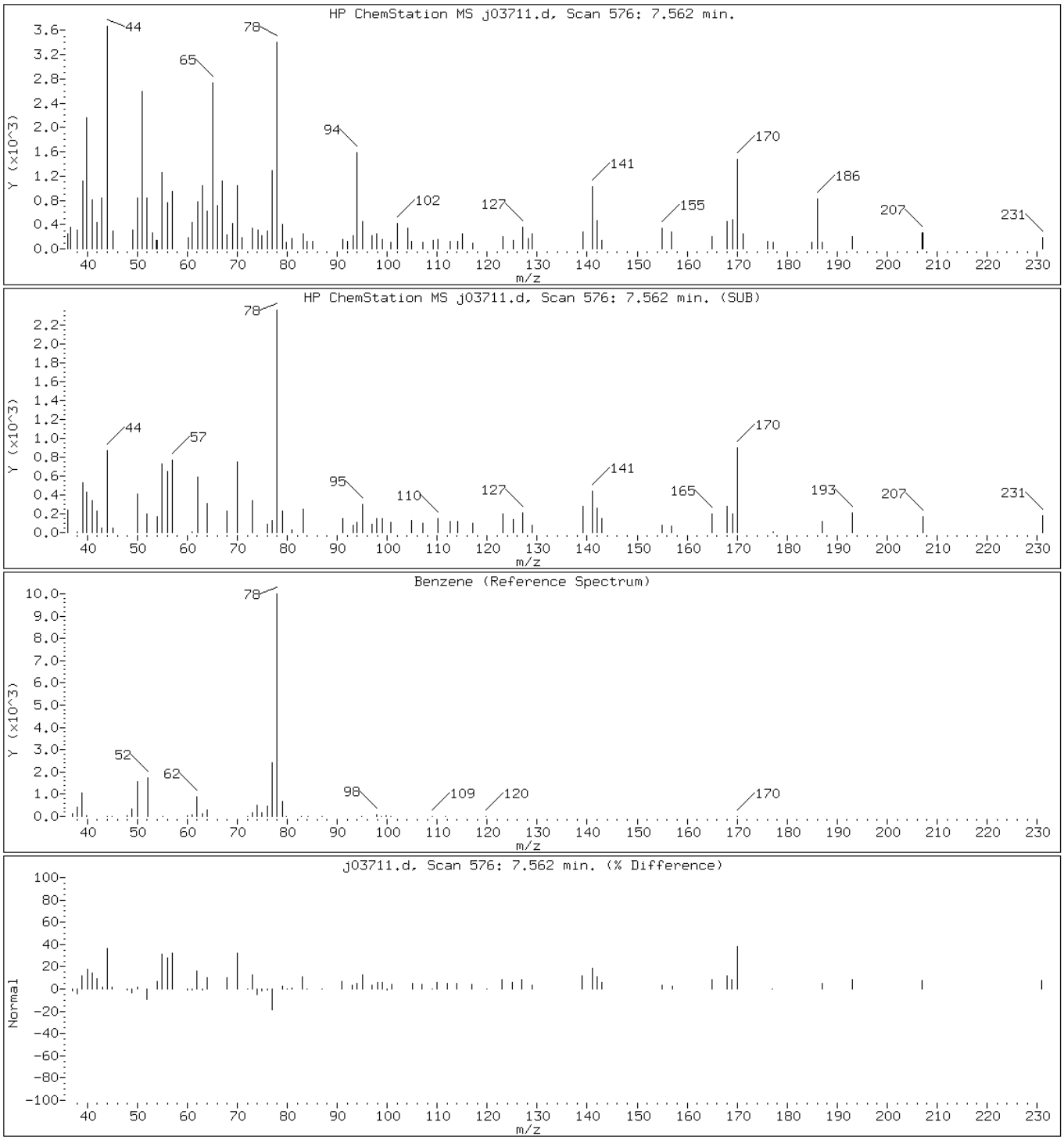
Data File: j03711.d

Date: 15-SEP-2011 15:09

Client ID: PMP-24-VD-S (4.5-6. Instrument: VOAMS8.i

Sample Info: 460-30837-C-5-A;500;;8.51;5 Operator:

48 Benzene



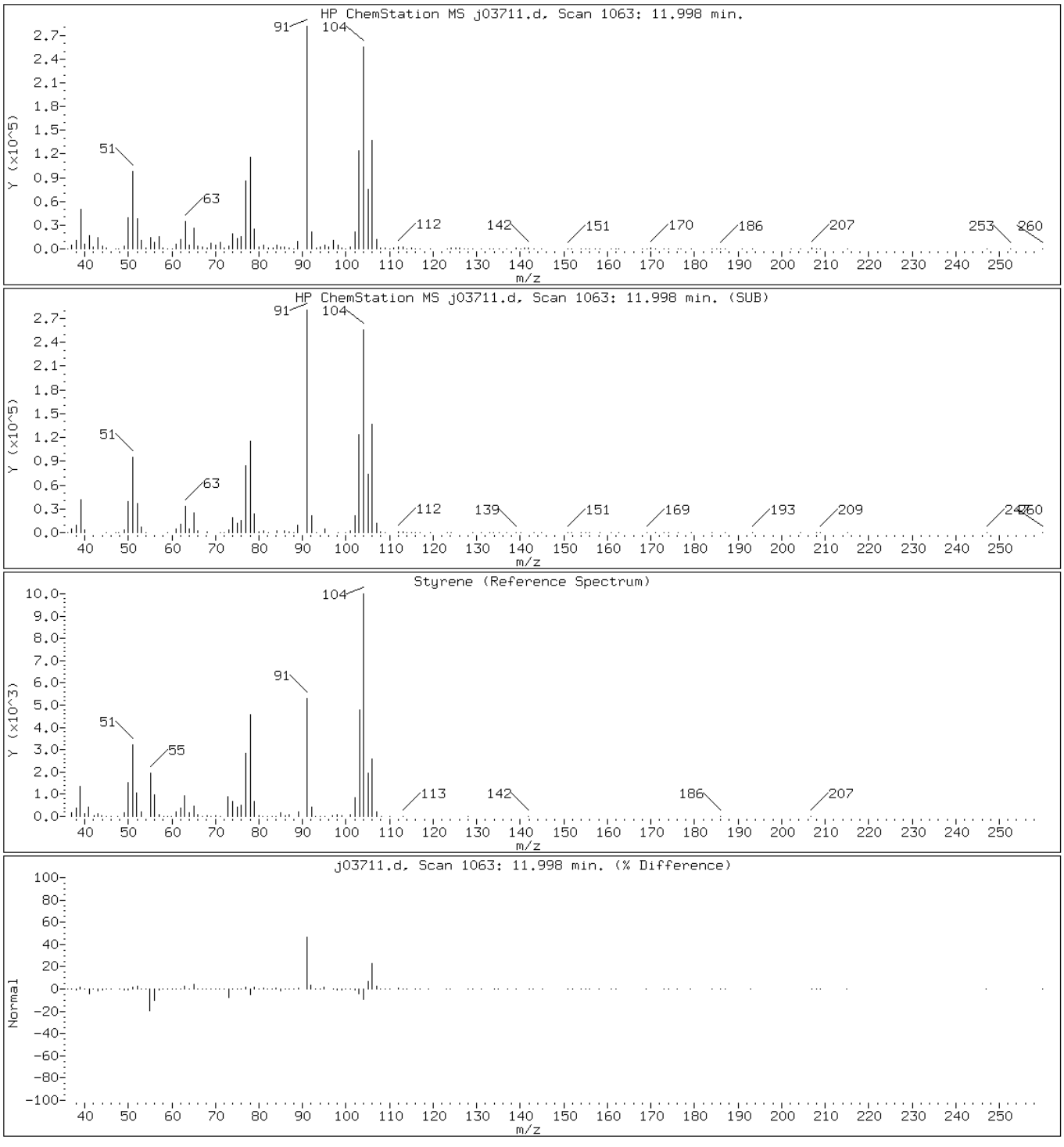
Data File: j03711.d

Date: 15-SEP-2011 15:09

Client ID: PMP-24-VD-S (4.5-6. Instrument: VOAMS8.i

Sample Info: 460-30837-C-5-A;500;;8.51;5 Operator:

85 Styrene



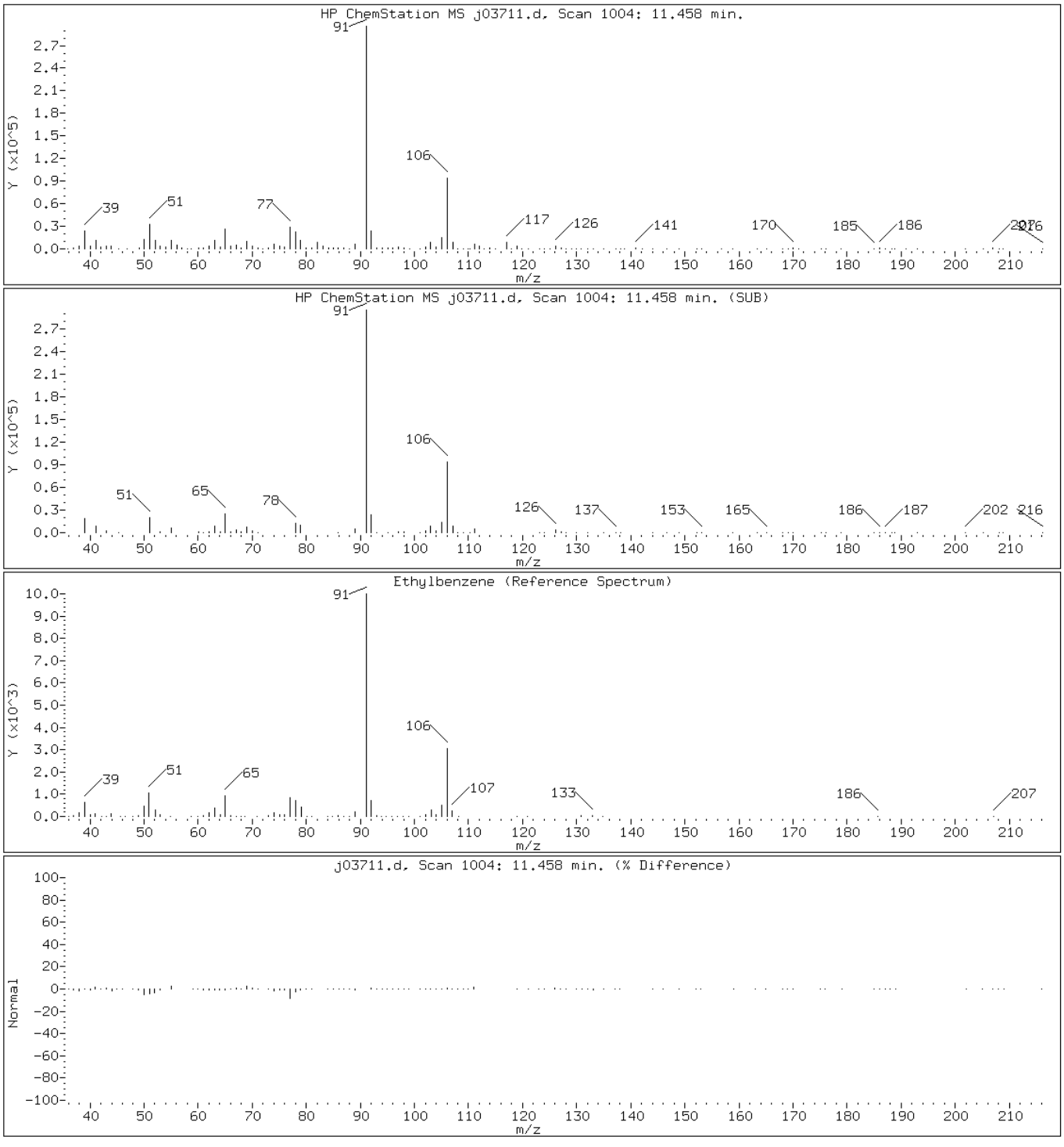
Data File: j03711.d

Date: 15-SEP-2011 15:09

Client ID: PMP-24-VD-S (4.5-6. Instrument: VOAMS8.i

Sample Info: 460-30837-C-5-A;500;;8.51;5 Operator:

81 Ethylbenzene



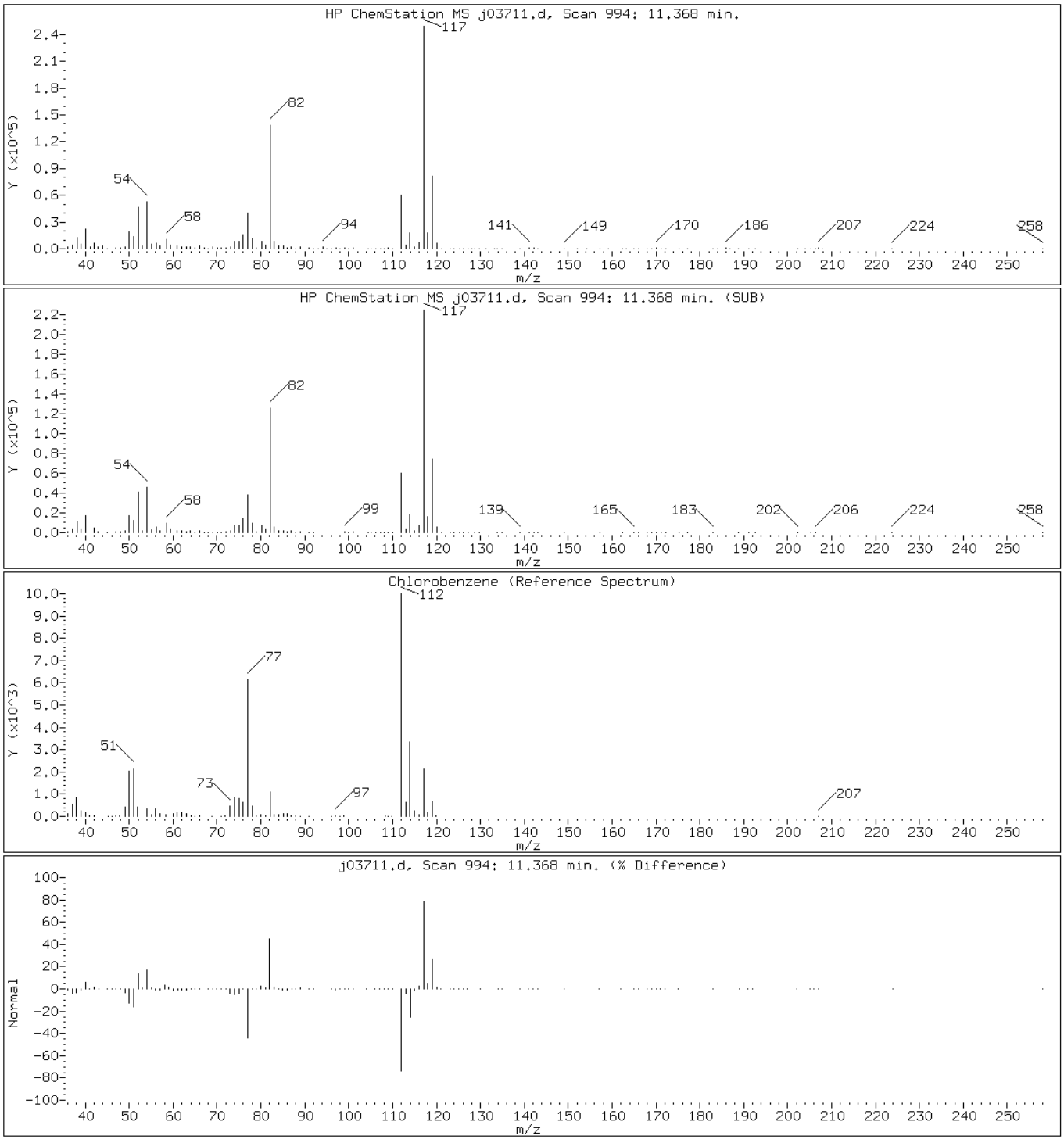
Data File: j03711.d

Date: 15-SEP-2011 15:09

Client ID: PMP-24-VD-S (4.5-6. Instrument: VOAMS8.i

Sample Info: 460-30837-C-5-A;500;;8.51;5 Operator:

79 Chlorobenzene



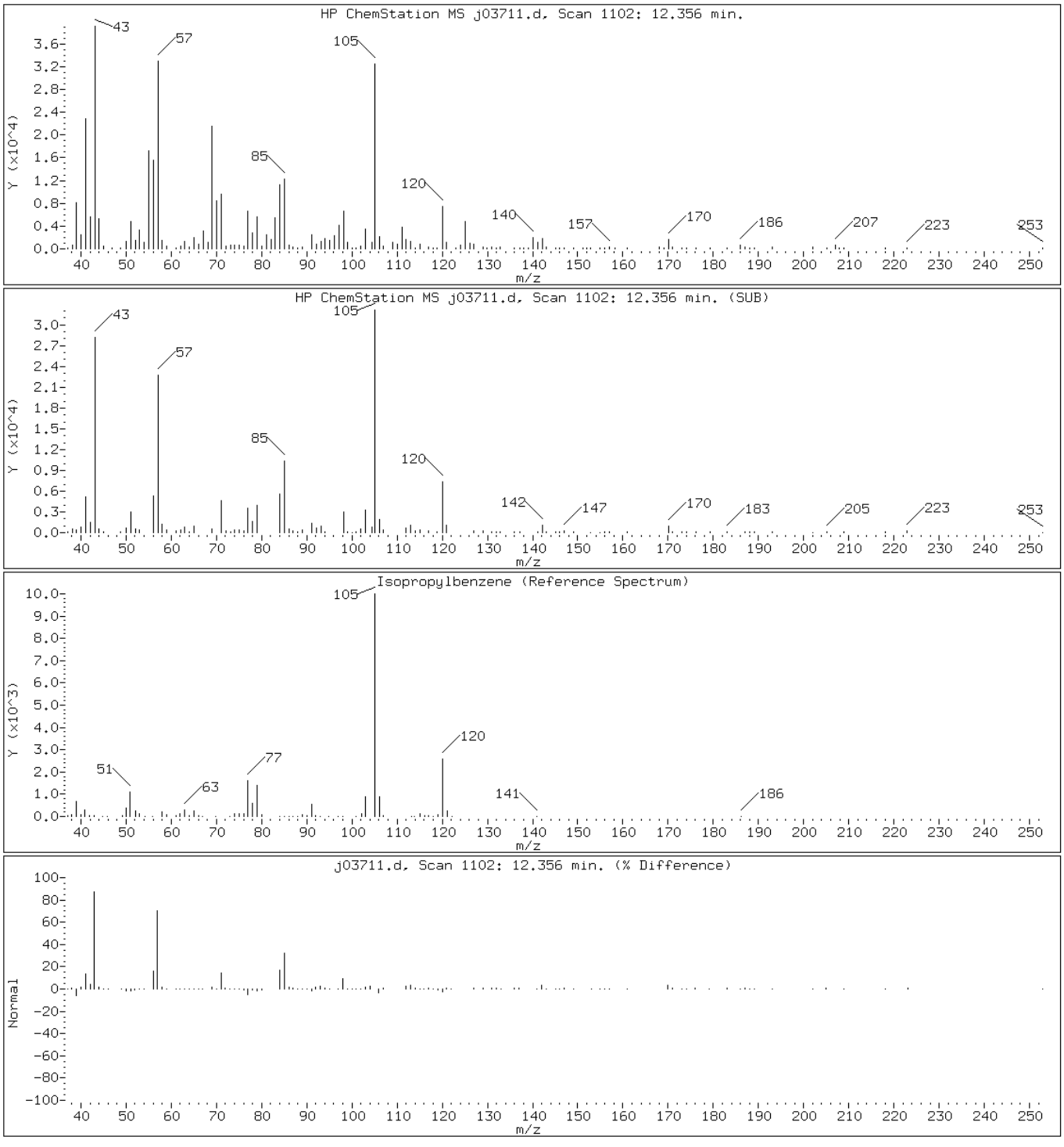
Data File: j03711.d

Date: 15-SEP-2011 15:09

Client ID: PMP-24-VD-S (4.5-6. Instrument: VOAMS8.i

Sample Info: 460-30837-C-5-A;500;;8.51;5 Operator:

88 Isopropylbenzene



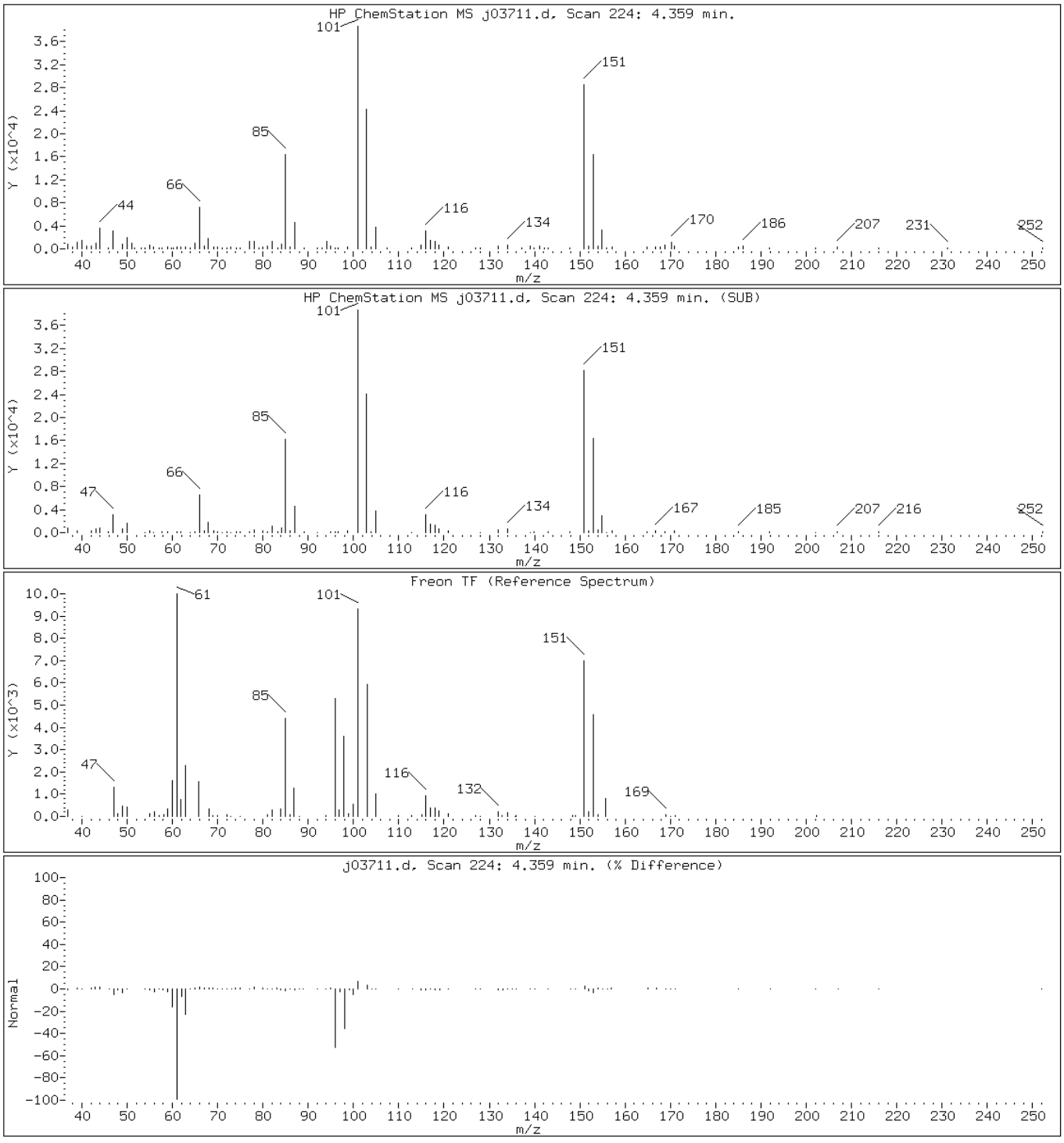
Data File: j03711.d

Date: 15-SEP-2011 15:09

Client ID: PMP-24-VD-S (4.5-6. Instrument: VOAMS8.i

Sample Info: 460-30837-C-5-A;500;;8.51;5 Operator:

14 Freon TF



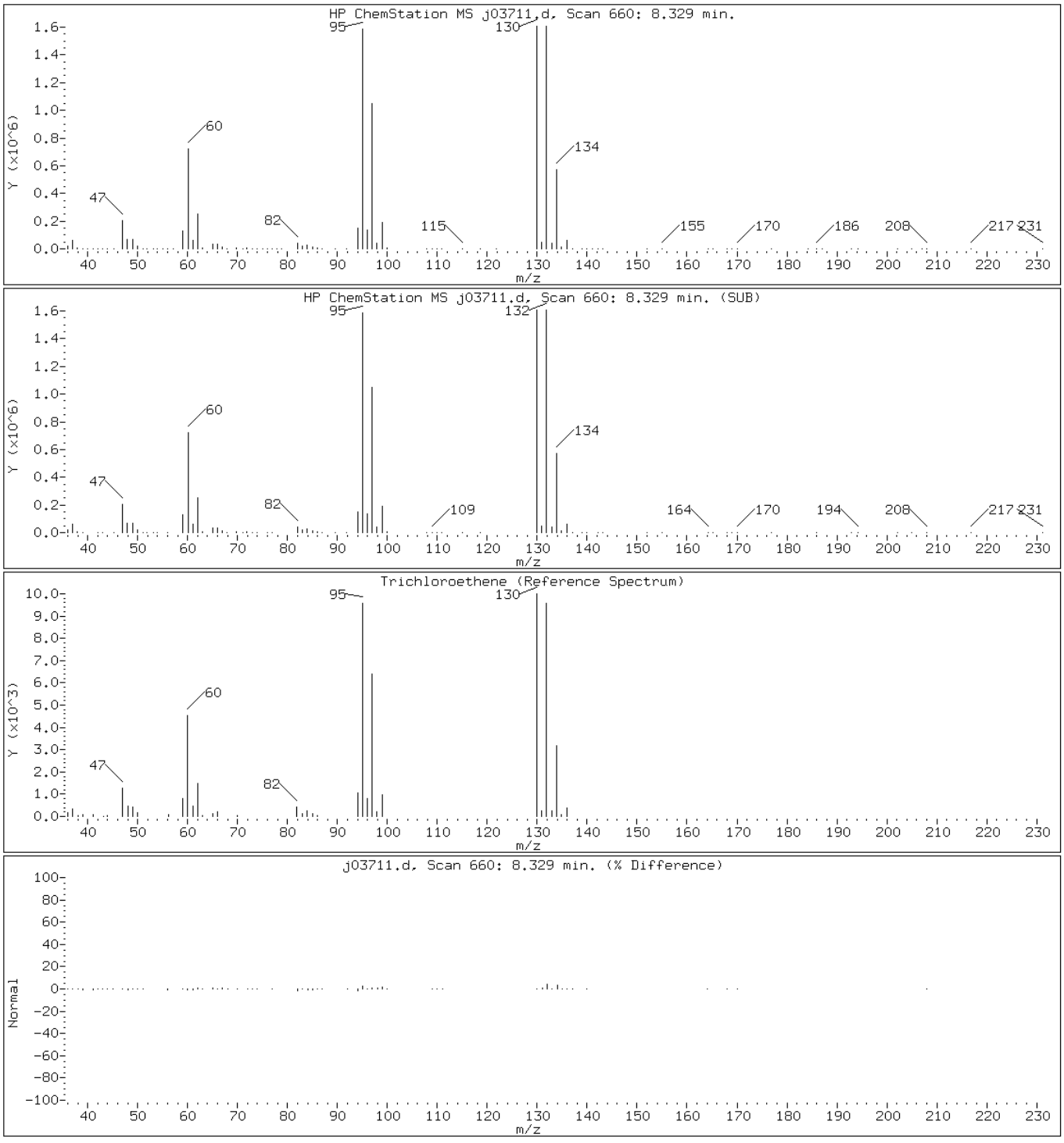
Data File: j03711.d

Date: 15-SEP-2011 15:09

Client ID: PMP-24-VD-S (4.5-6. Instrument: VOAMS8.i

Sample Info: 460-30837-C-5-A;500;;8.51;5 Operator:

54 Trichloroethene



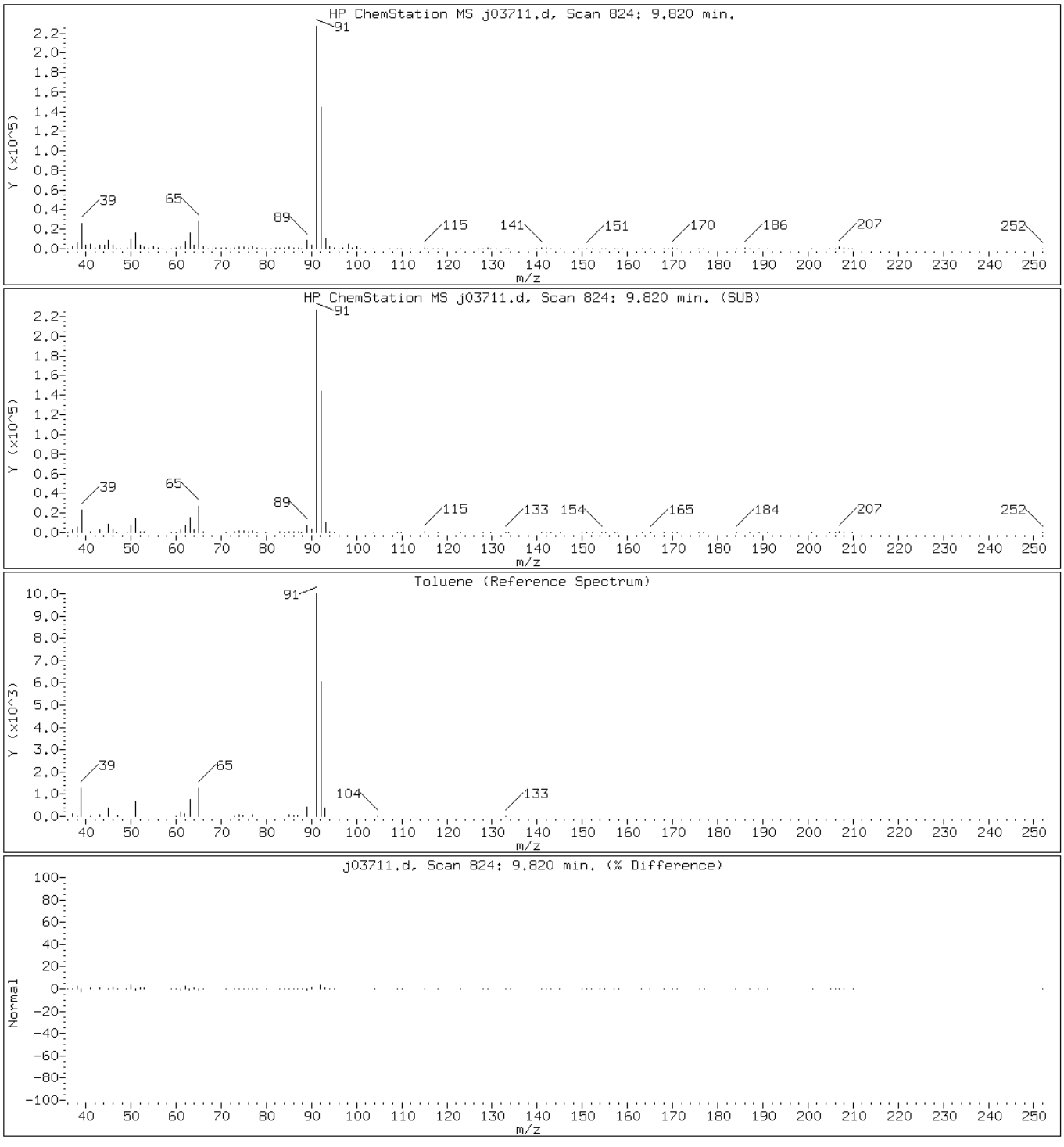
Data File: j03711.d

Date: 15-SEP-2011 15:09

Client ID: PMP-24-VD-S (4.5-6. Instrument: VOAMS8.i

Sample Info: 460-30837-C-5-A;500;;8.51;5 Operator:

66 Toluene



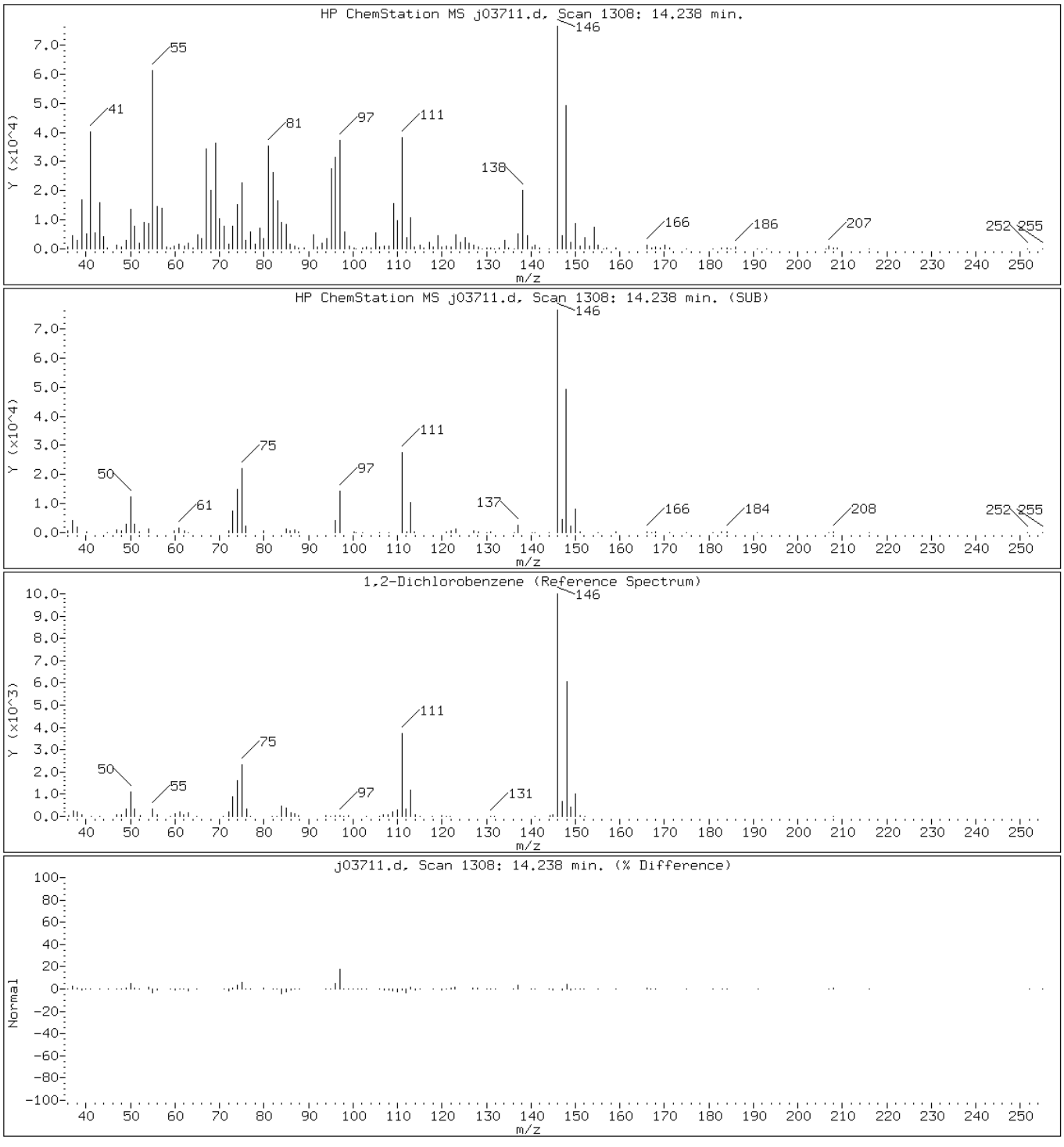
Data File: j03711.d

Date: 15-SEP-2011 15:09

Client ID: PMP-24-VD-S (4.5-6. Instrument: VOAMS8.i

Sample Info: 460-30837-C-5-A;500;;8.51;5 Operator:

111 1,2-Dichlorobenzene



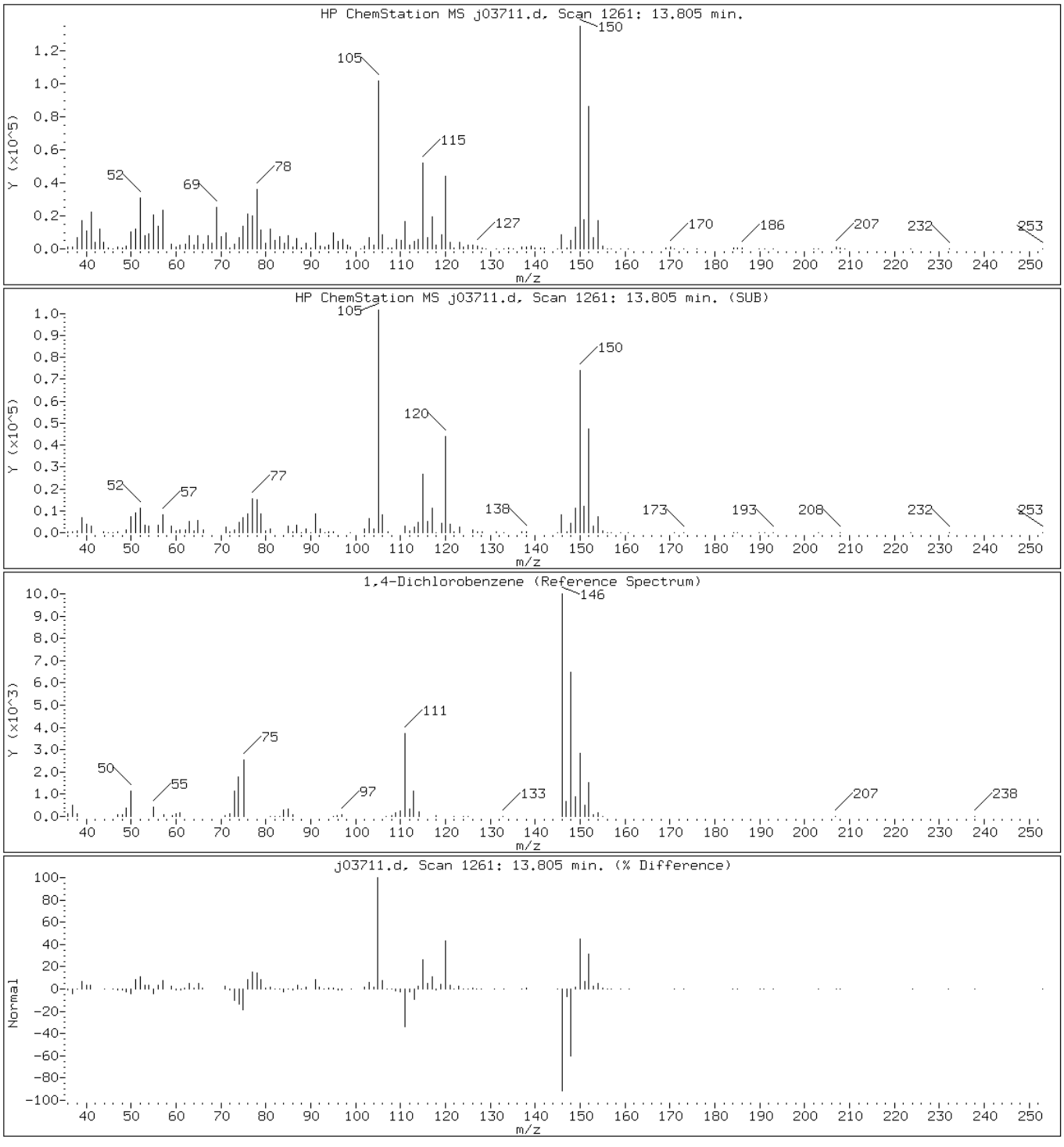
Data File: j03711.d

Date: 15-SEP-2011 15:09

Client ID: PMP-24-VD-S (4.5-6. Instrument: VOAMS8.i

Sample Info: 460-30837-C-5-A;500;;8.51;5 Operator:

109 1,4-Dichlorobenzene



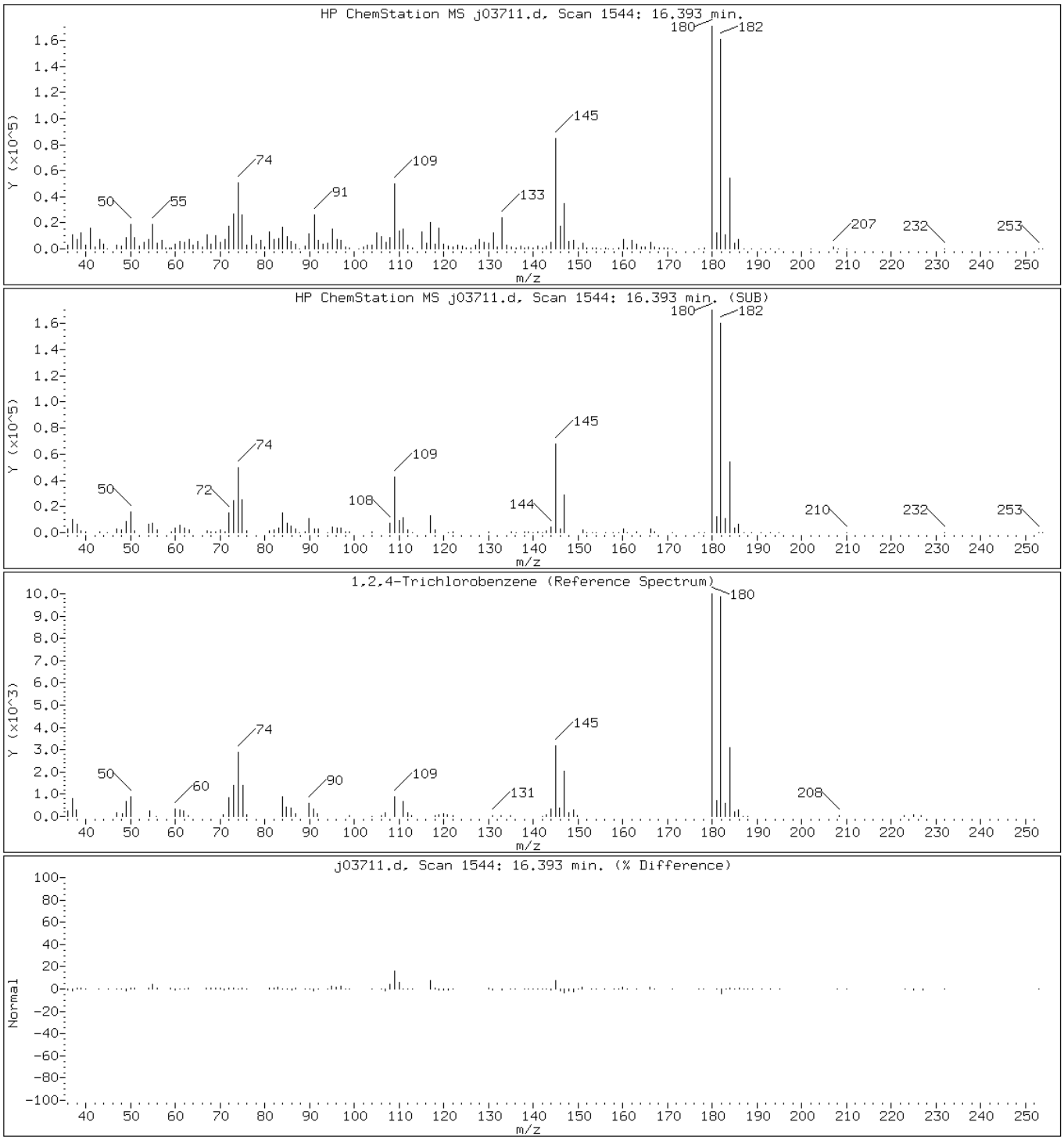
Data File: j03711.d

Date: 15-SEP-2011 15:09

Client ID: PMP-24-VD-S (4.5-6. Instrument: VOAMS8.i

Sample Info: 460-30837-C-5-A;500;;8.51;5 Operator:

114 1,2,4-Trichlorobenzene



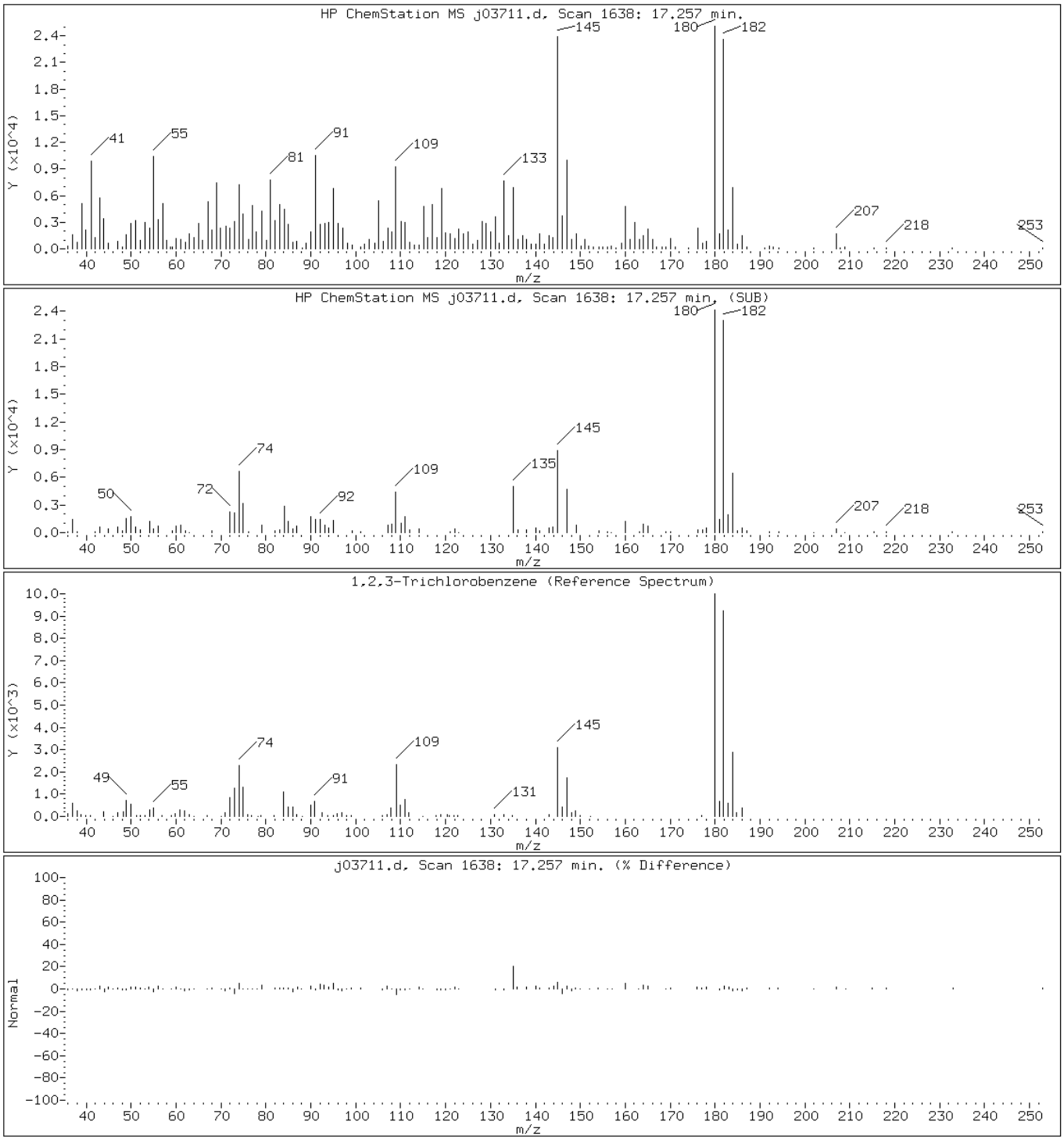
Data File: j03711.d

Date: 15-SEP-2011 15:09

Client ID: PMP-24-VD-S (4.5-6. Instrument: VOAMS8.i

Sample Info: 460-30837-C-5-A;500;;8.51;5 Operator:

117 1,2,3-Trichlorobenzene



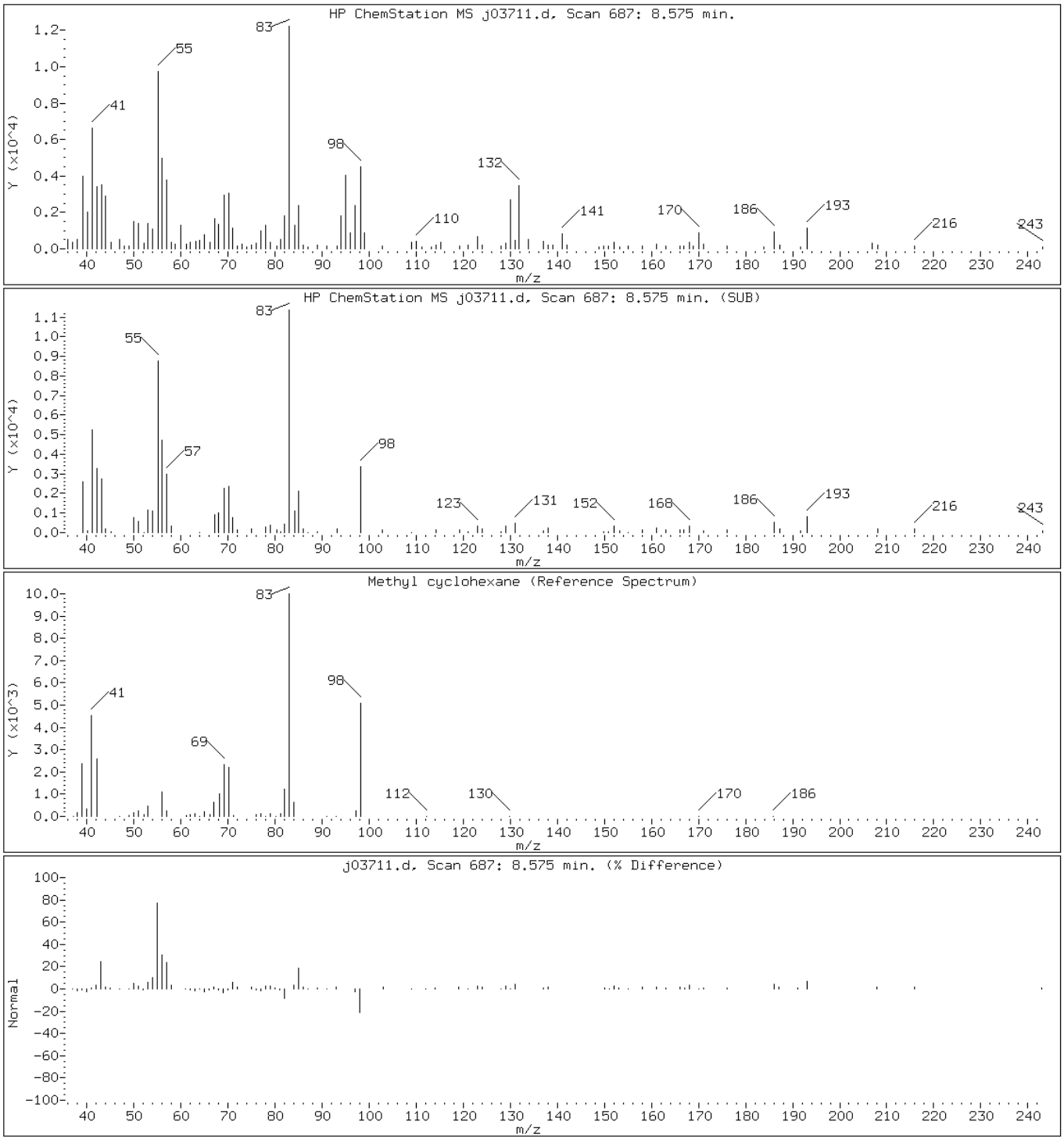
Data File: j03711.d

Date: 15-SEP-2011 15:09

Client ID: PMP-24-VD-S (4.5-6. Instrument: VOAMS8.i

Sample Info: 460-30837-C-5-A;500;;8.51;5 Operator:

56 Methyl cyclohexane



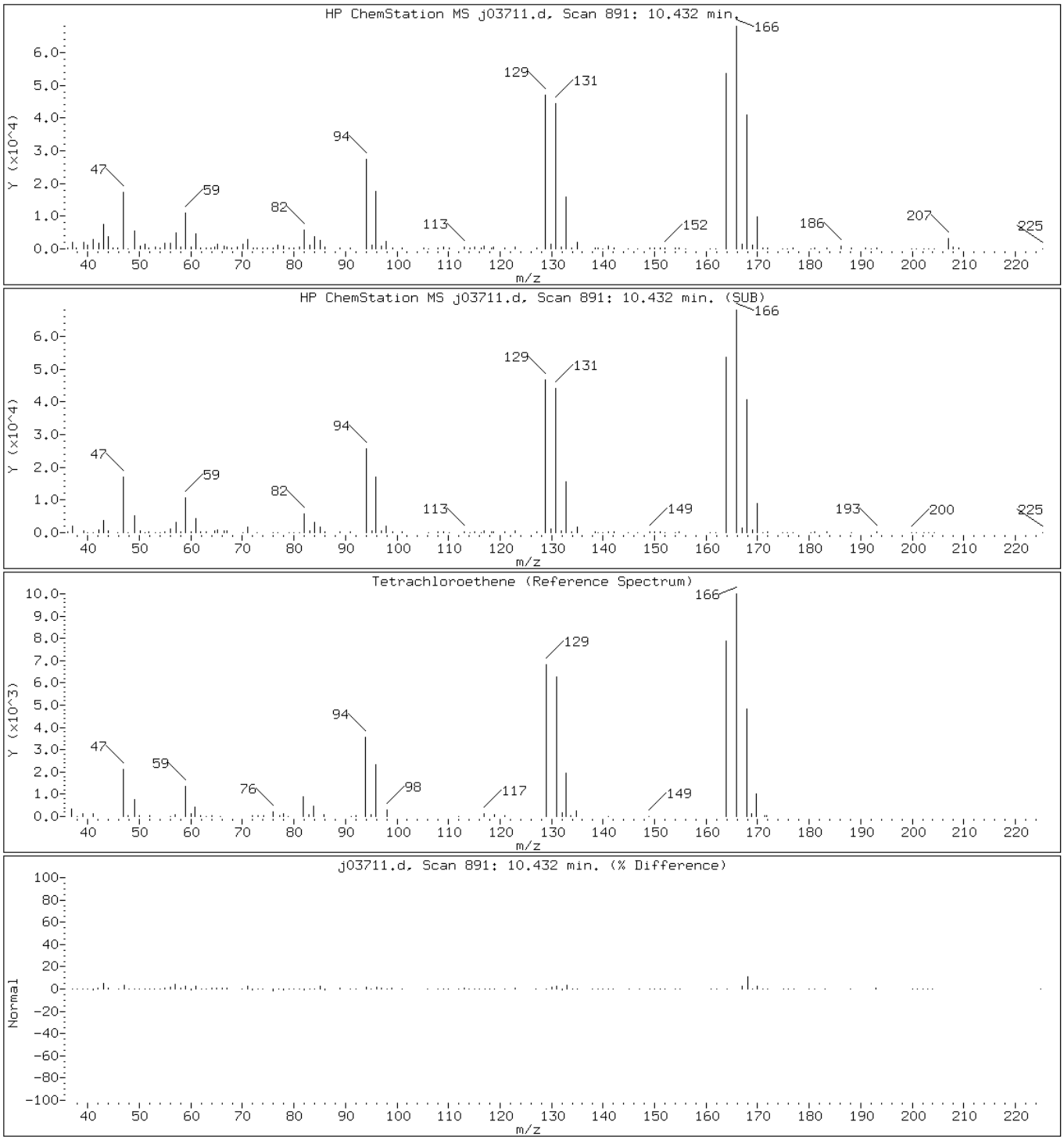
Data File: j03711.d

Date: 15-SEP-2011 15:09

Client ID: PMP-24-VD-S (4.5-6. Instrument: VOAMS8.i

Sample Info: 460-30837-C-5-A;500;;8.51;5 Operator:

71 Tetrachloroethene



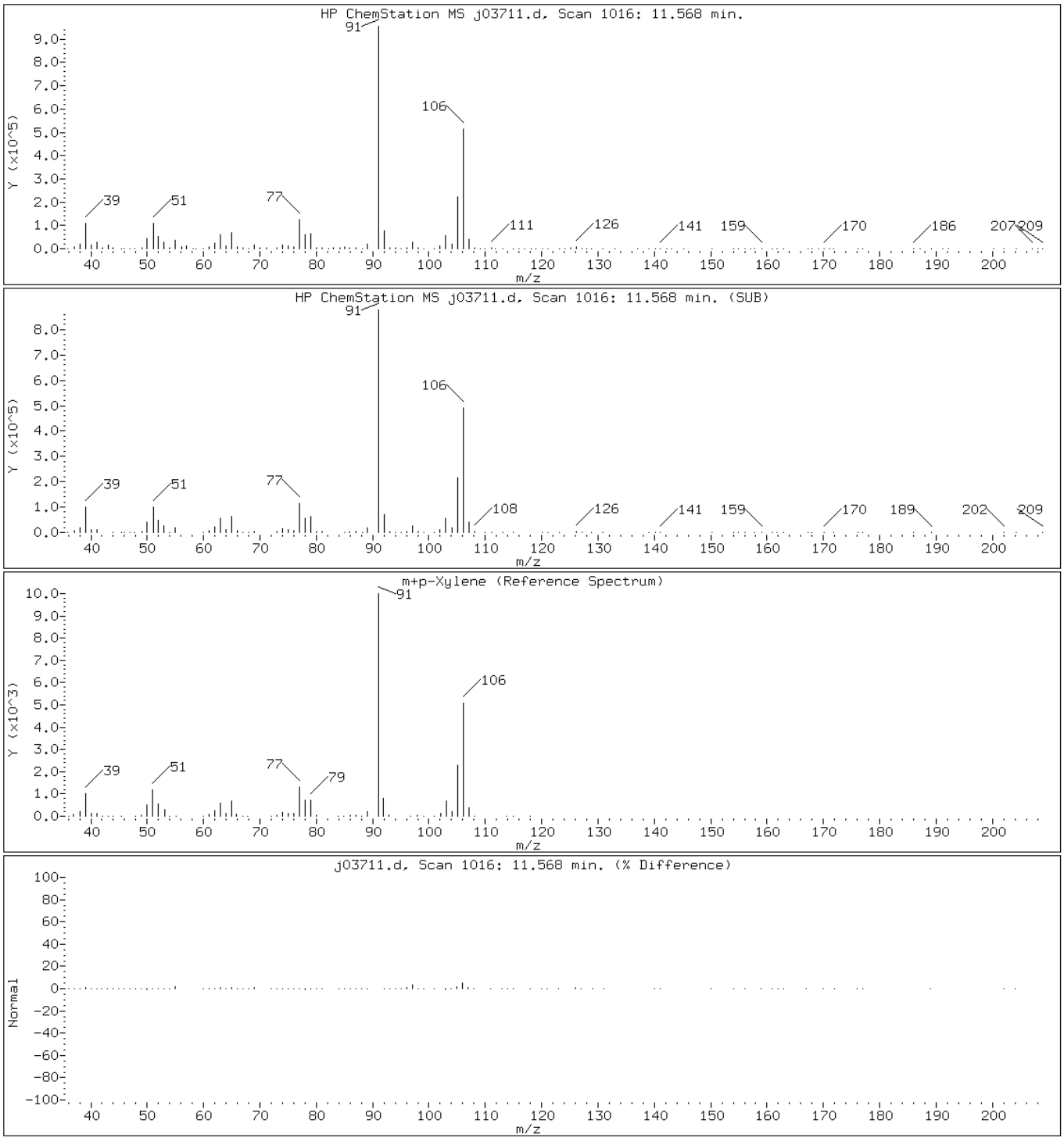
Data File: j03711.d

Date: 15-SEP-2011 15:09

Client ID: PMP-24-VD-S (4.5-6. Instrument: VOAMS8.i

Sample Info: 460-30837-C-5-A;500;;8.51;5 Operator:

82 m+p-Xylene



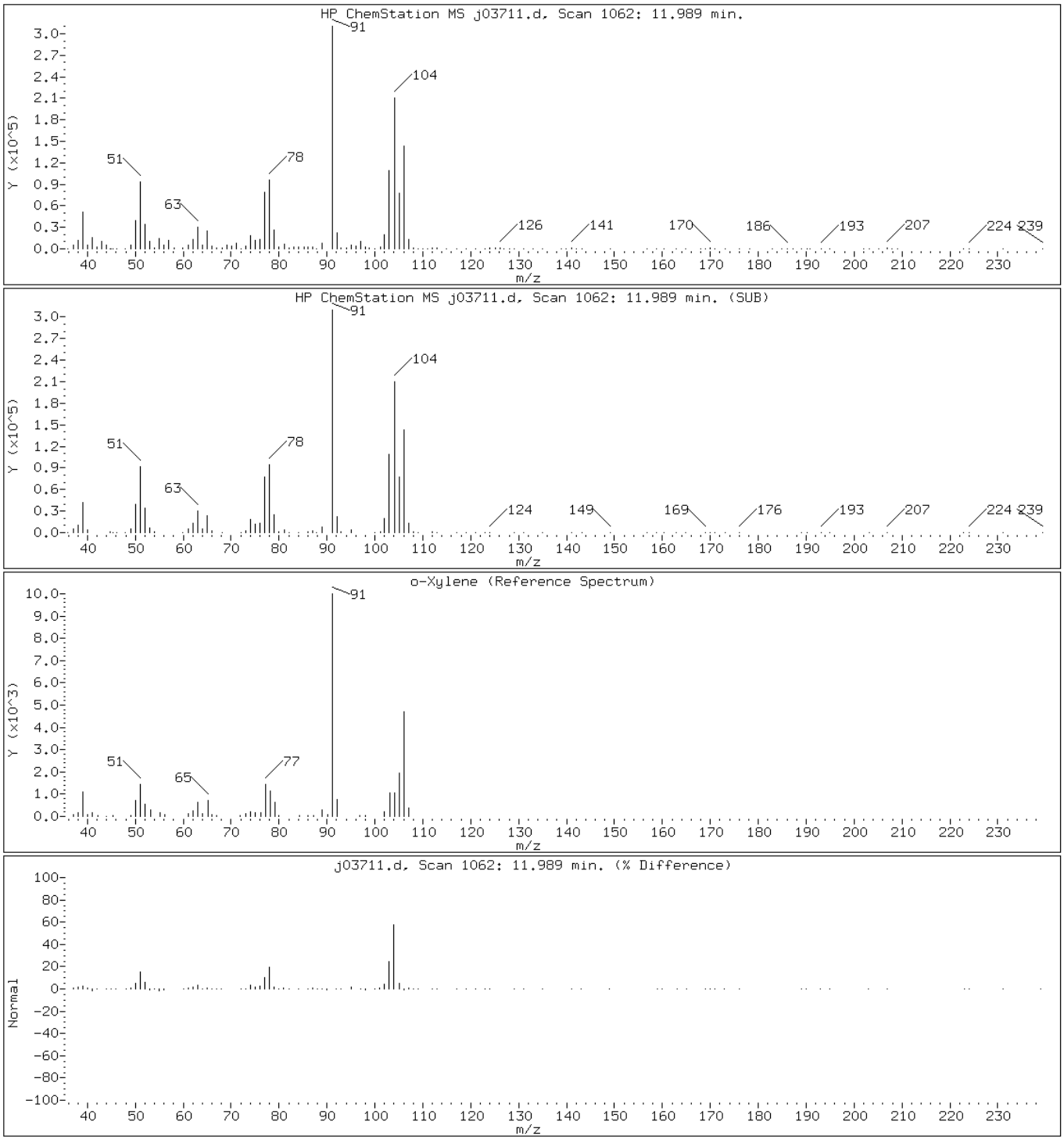
Data File: j03711.d

Date: 15-SEP-2011 15:09

Client ID: PMP-24-VD-S (4.5-6. Instrument: VOAMS8.i

Sample Info: 460-30837-C-5-A;500;;8.51;5 Operator:

84 o-Xylene



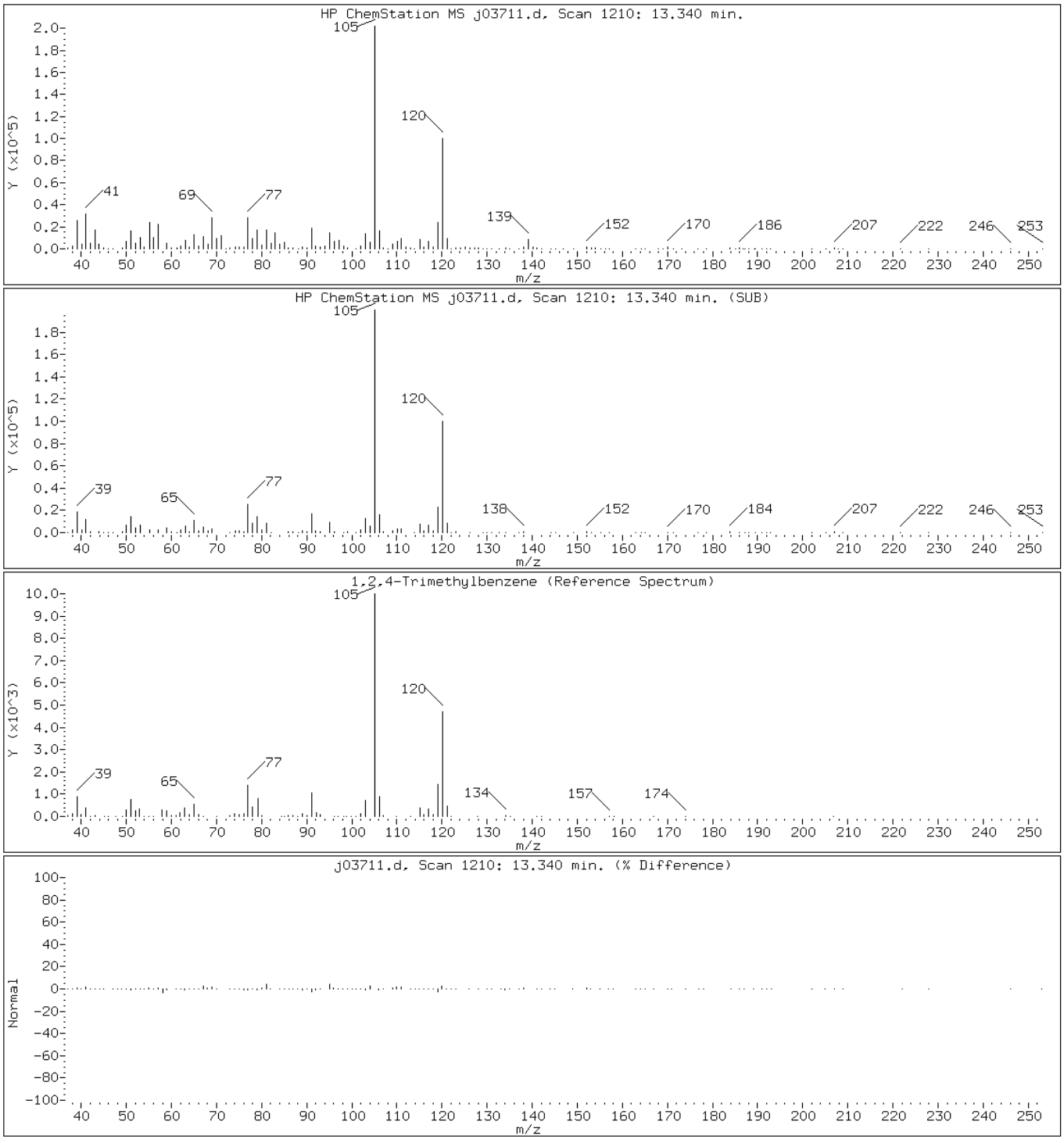
Data File: j03711.d

Date: 15-SEP-2011 15:09

Client ID: PMP-24-VD-S (4.5-6. Instrument: VOAMS8.i

Sample Info: 460-30837-C-5-A;500;;8.51;5 Operator:

101 1,2,4-Trimethylbenzene



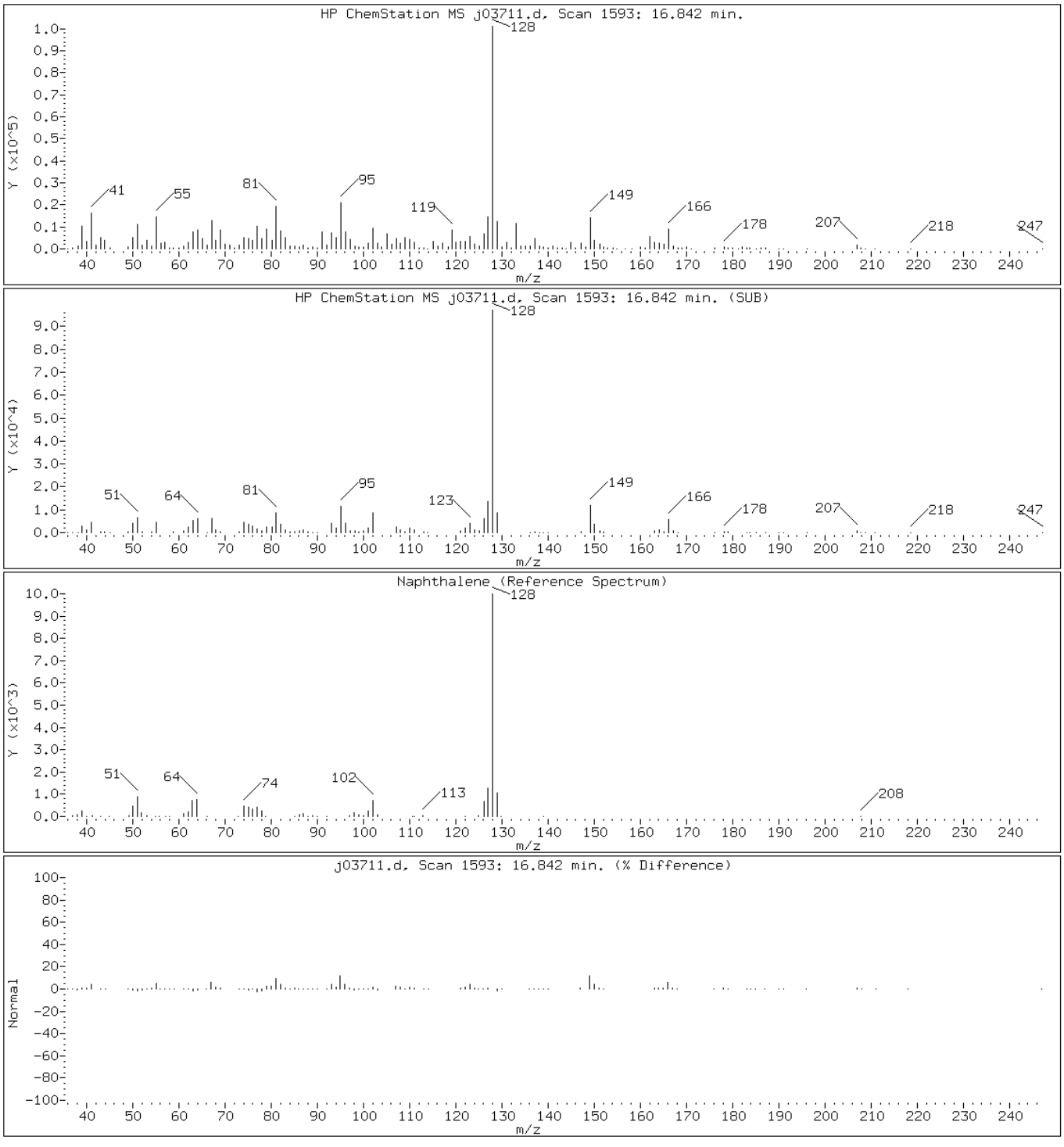
Data File: j03711.d

Date: 15-SEP-2011 15:09

Client ID: PMP-24-VD-S (4.5-6. Instrument: VOAMS8.i

Sample Info: 460-30837-C-5-A;500;;8.51;5 Operator:

116 Naphthalene



Data File: j03711.d

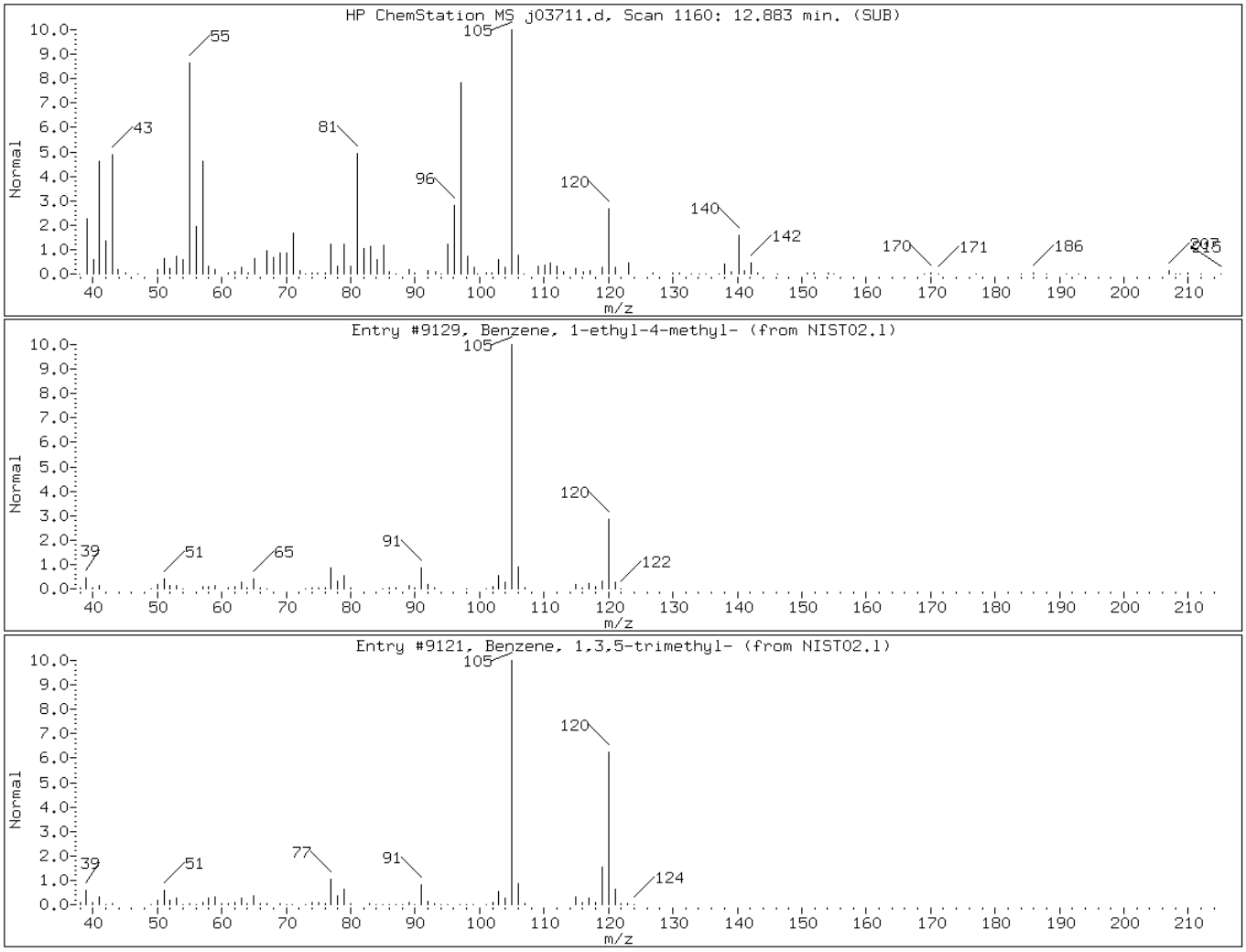
Date: 15-SEP-2011 15:09

Client ID: PMP-24-VD-S (4.5-6. Instrument: VOAMS8.i

Sample Info: 460-30837-C-5-A;500;;8.51;5 Operator:

Retention Time: 12.88

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H20 Cycloalkane/C9H12 Aromatic						
Benzene, 1-ethyl-4-methyl-	622-96-8	NIST02.l	9129	38	C9H12	120
Benzene, 1,3,5-trimethyl-	108-67-8	NIST02.l	9121	38	C9H12	120



Data File: j03711.d

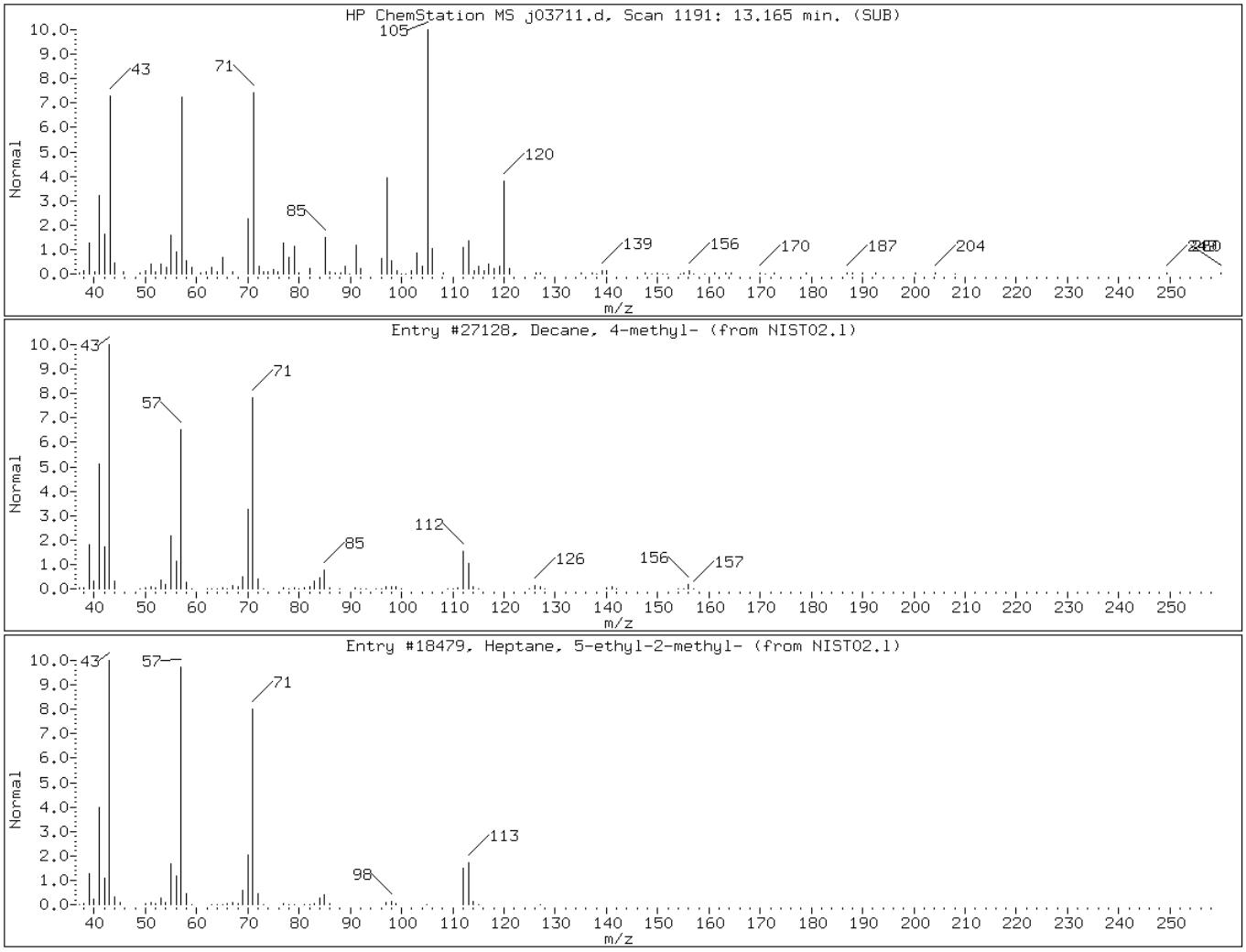
Date: 15-SEP-2011 15:09

Client ID: PMP-24-VD-S (4.5-6. Instrument: VOAMS8.i

Sample Info: 460-30837-C-5-A;500;;8.51;5 Operator:

Retention Time: 13.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H24 Alkane/C9H12 Aromatic-1						
Decane, 4-methyl-	2847-72-5	NIST02.l	27128	55	C11H24	156
Heptane, 5-ethyl-2-methyl-	13475-78-0	NIST02.l	18479	43	C10H22	142



Data File: j03711.d

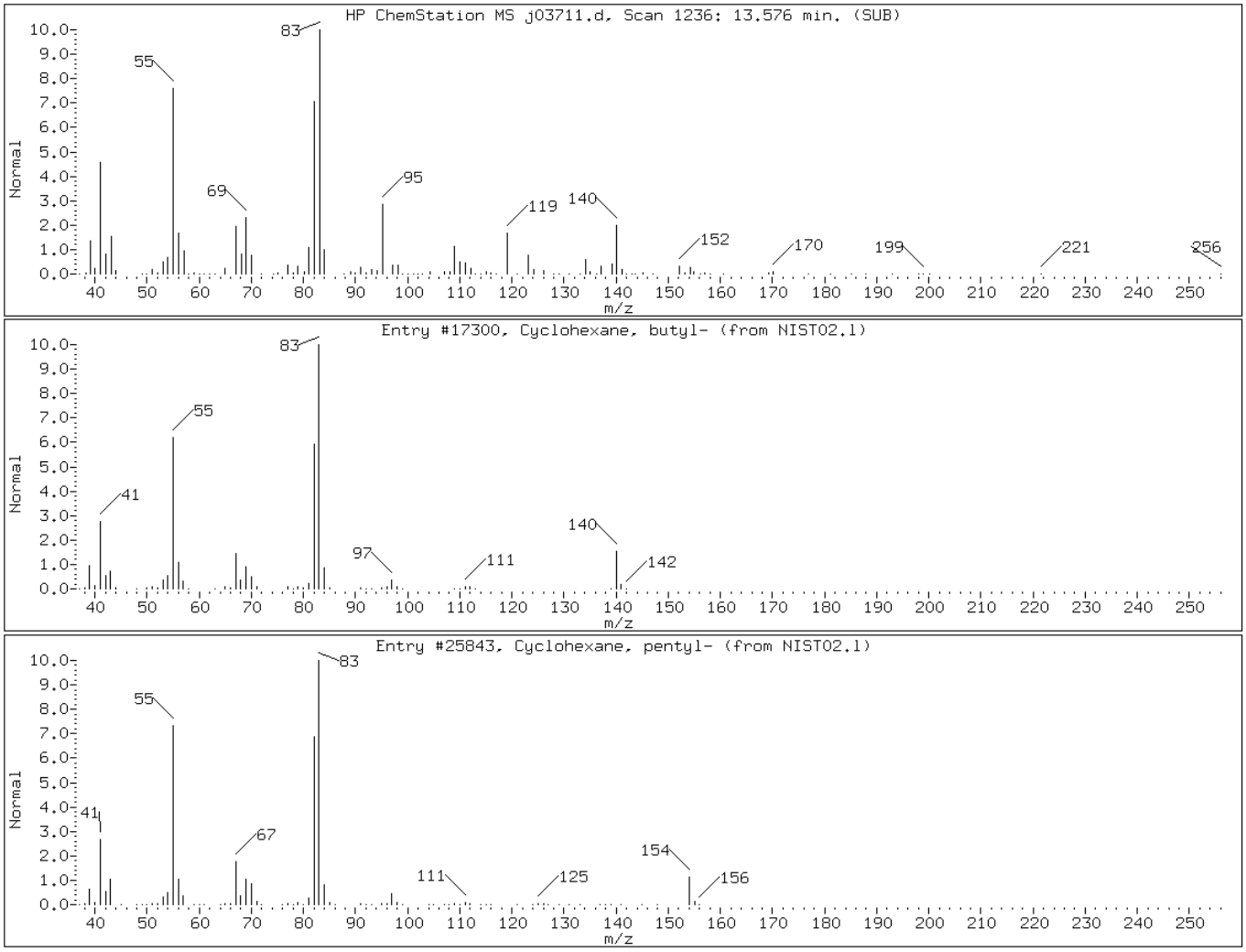
Date: 15-SEP-2011 15:09

Client ID: PMP-24-VD-S (4.5-6. Instrument: VOAMS8.i

Sample Info: 460-30837-C-5-A;500;;8.51;5 Operator:

Retention Time: 13.58

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H20 Cycloalkane-1						
Cyclohexane, butyl-	1678-93-9	NIST02.l	17300	70	C10H20	140
Cyclohexane, pentyl-	4292-92-6	NIST02.l	25843	64	C11H22	154



Data File: j03711.d

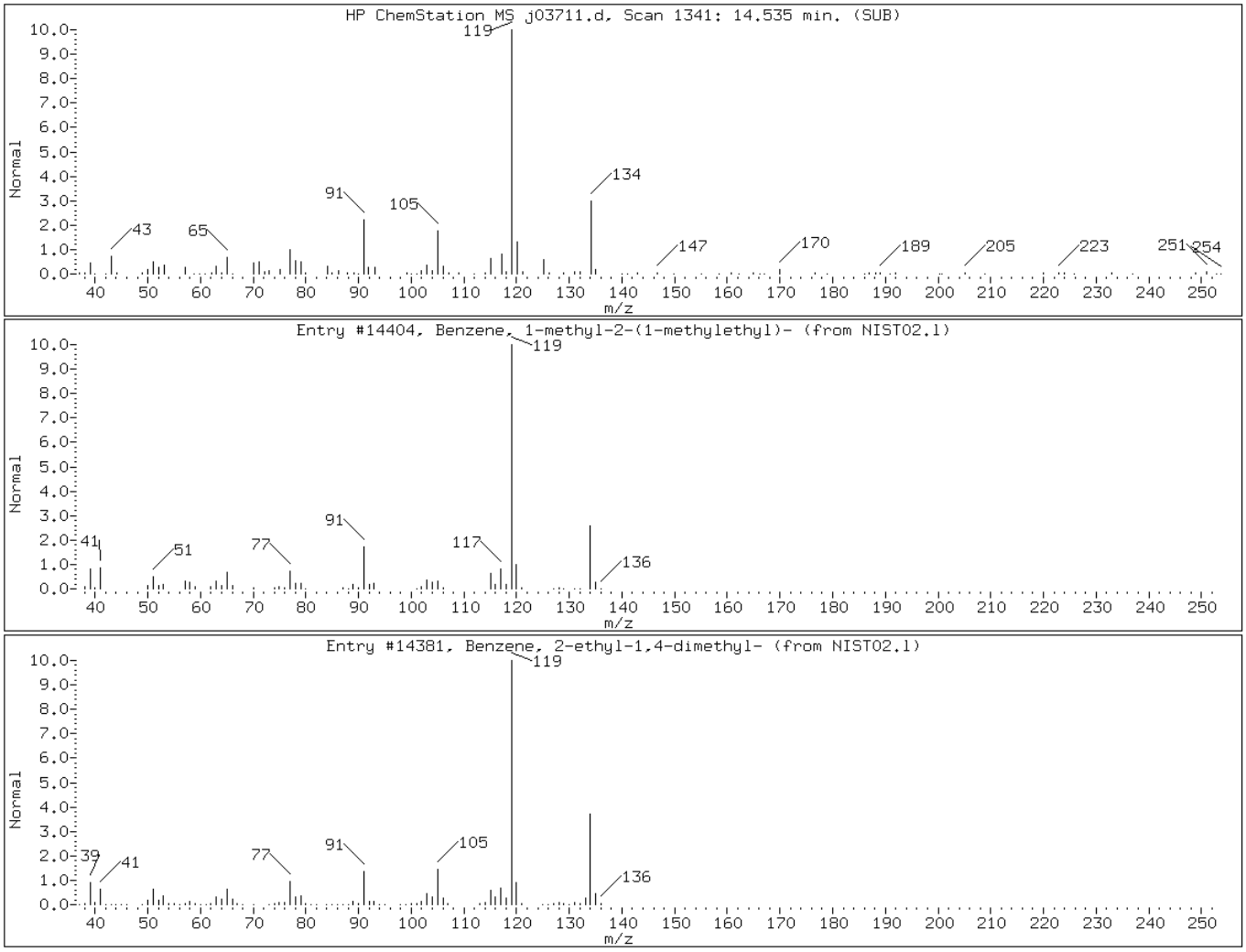
Date: 15-SEP-2011 15:09

Client ID: PMP-24-VD-S (4.5-6. Instrument: VOAMS8.i

Sample Info: 460-30837-C-5-A;500;;8.51;5 Operator:

Retention Time: 14.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H14 Aromatic-2						
Benzene, 1-methyl-2-(1-methylethyl	527-84-4	NIST02.l	14404	87	C10H14	134
Benzene, 2-ethyl-1,4-dimethyl-	1758-88-9	NIST02.l	14381	87	C10H14	134



Data File: j03711.d

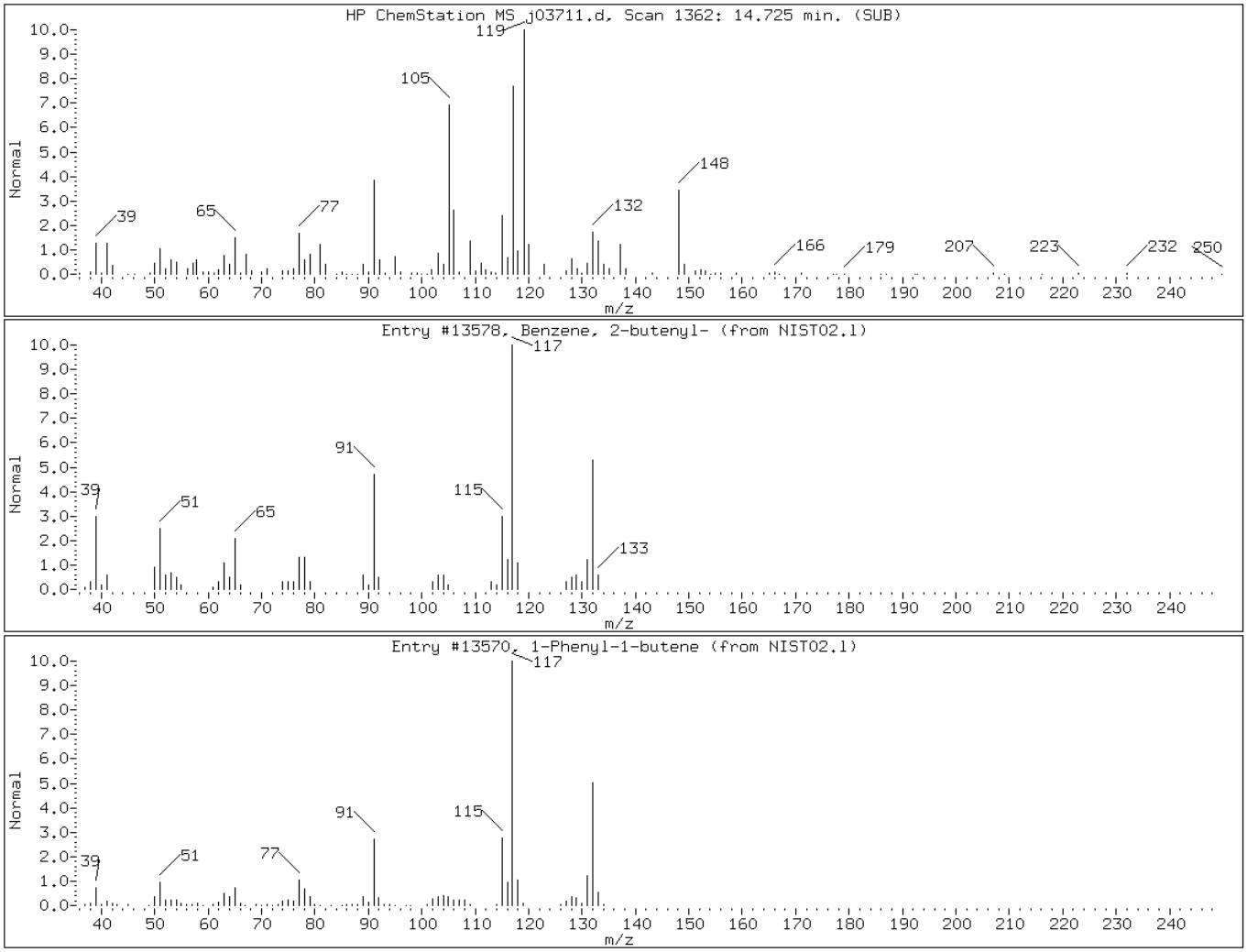
Date: 15-SEP-2011 15:09

Client ID: PMP-24-VD-S (4.5-6. Instrument: VOAMS8.i

Sample Info: 460-30837-C-5-A;500;;8.51;5 Operator:

Retention Time: 14.72

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Coeluting Aromatics						
Benzene, 2-butenyl-	1560-06-1	NIST02.l	13578	62	C10H12	132
1-Phenyl-1-butene	824-90-8	NIST02.l	13570	46	C10H12	132



Data File: j03711.d

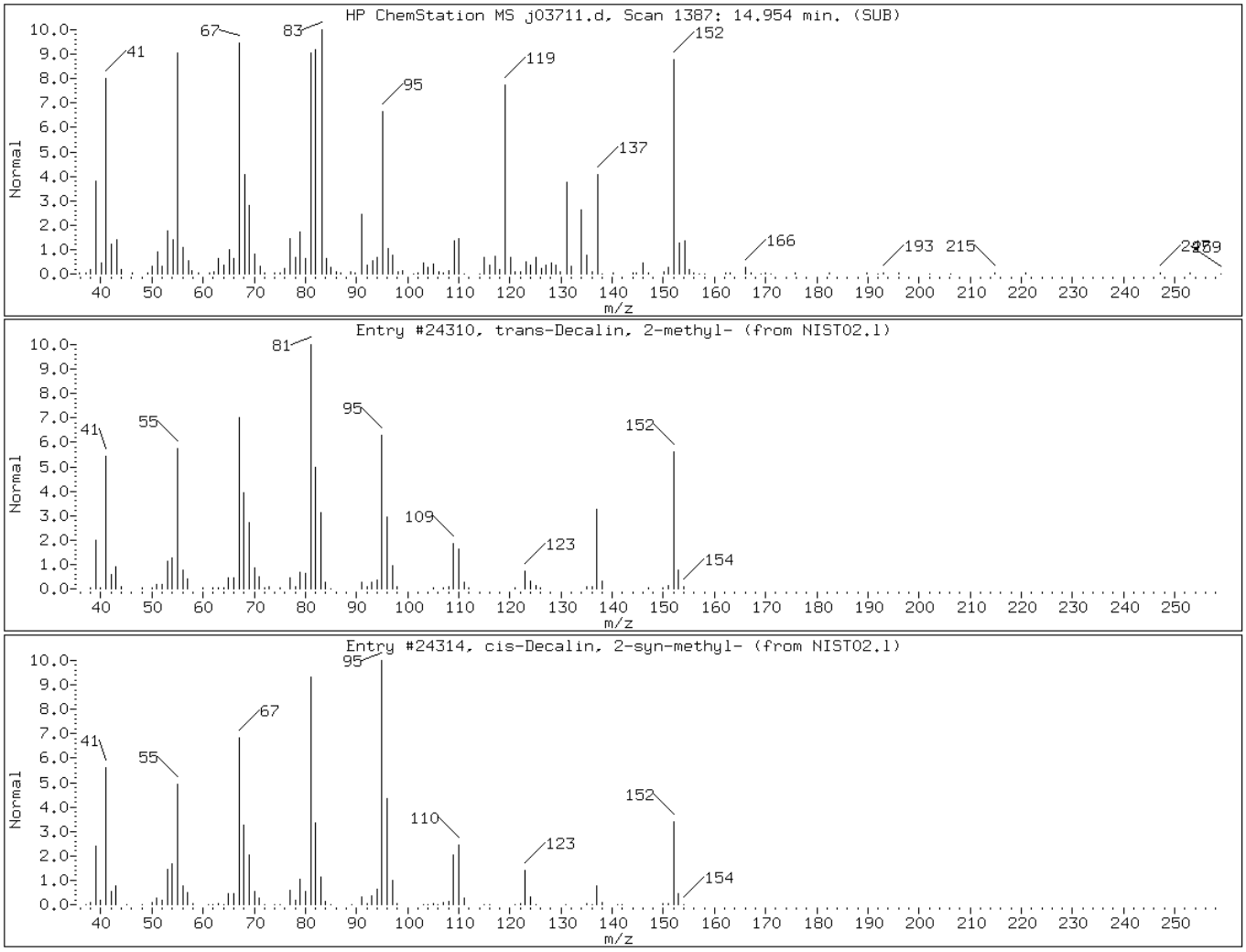
Date: 15-SEP-2011 15:09

Client ID: PMP-24-VD-S (4.5-6. Instrument: VOAMS8.i

Sample Info: 460-30837-C-5-A;500;;8.51;5 Operator:

Retention Time: 14.95

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer						
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.l	24310	60	C11H20	152
cis-Decalin, 2-syn-methyl-	1000155-85-6	NIST02.l	24314	45	C11H20	152



Data File: j03711.d

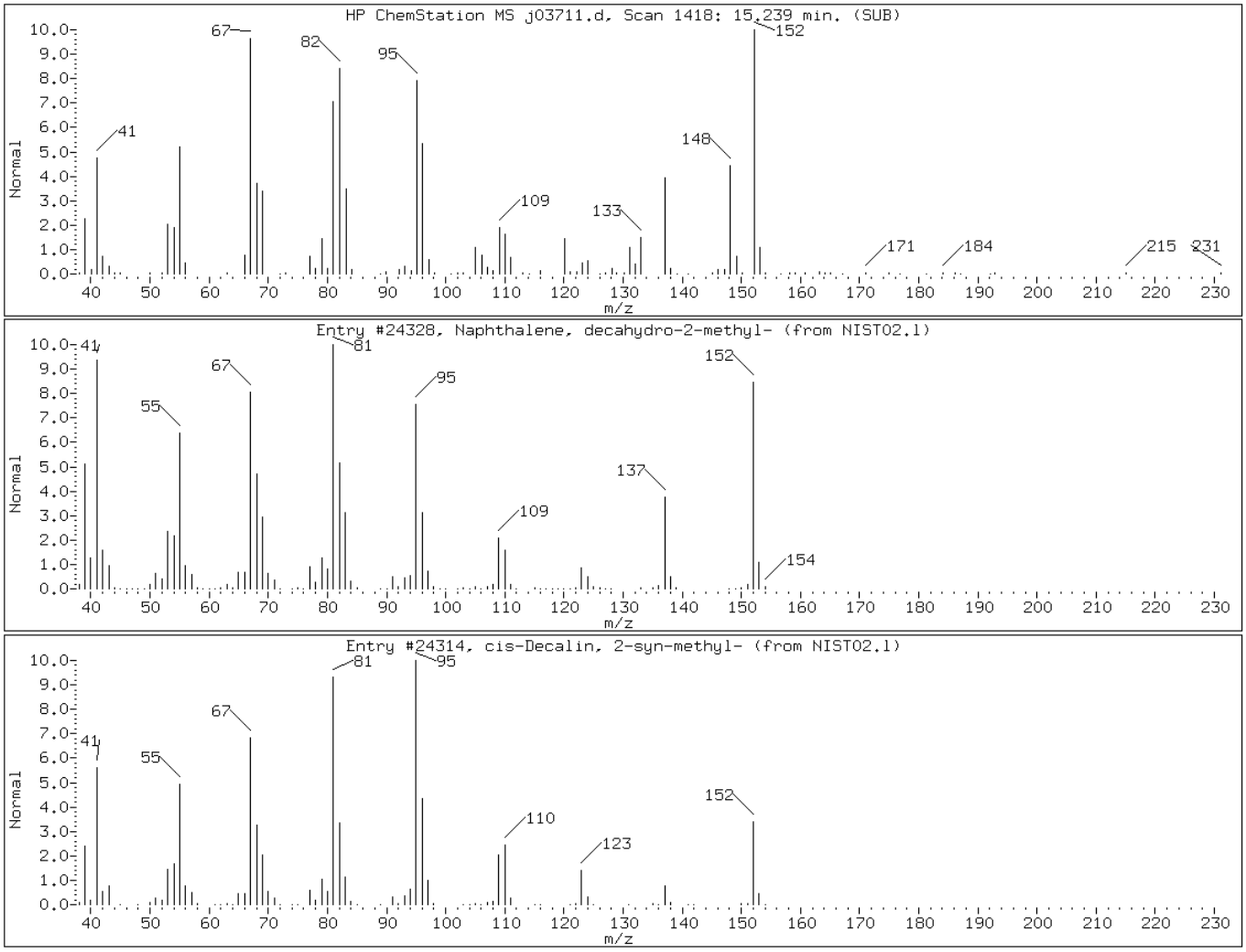
Date: 15-SEP-2011 15:09

Client ID: PMP-24-VD-S (4.5-6. Instrument: VOAMS8.i

Sample Info: 460-30837-C-5-A;500;;8.51;5 Operator:

Retention Time: 15.24

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
cis-Decalin, 2-syn-methyl-	1000155-85-6	NIST02.l	24314	60	C11H20	152



Data File: j03711.d

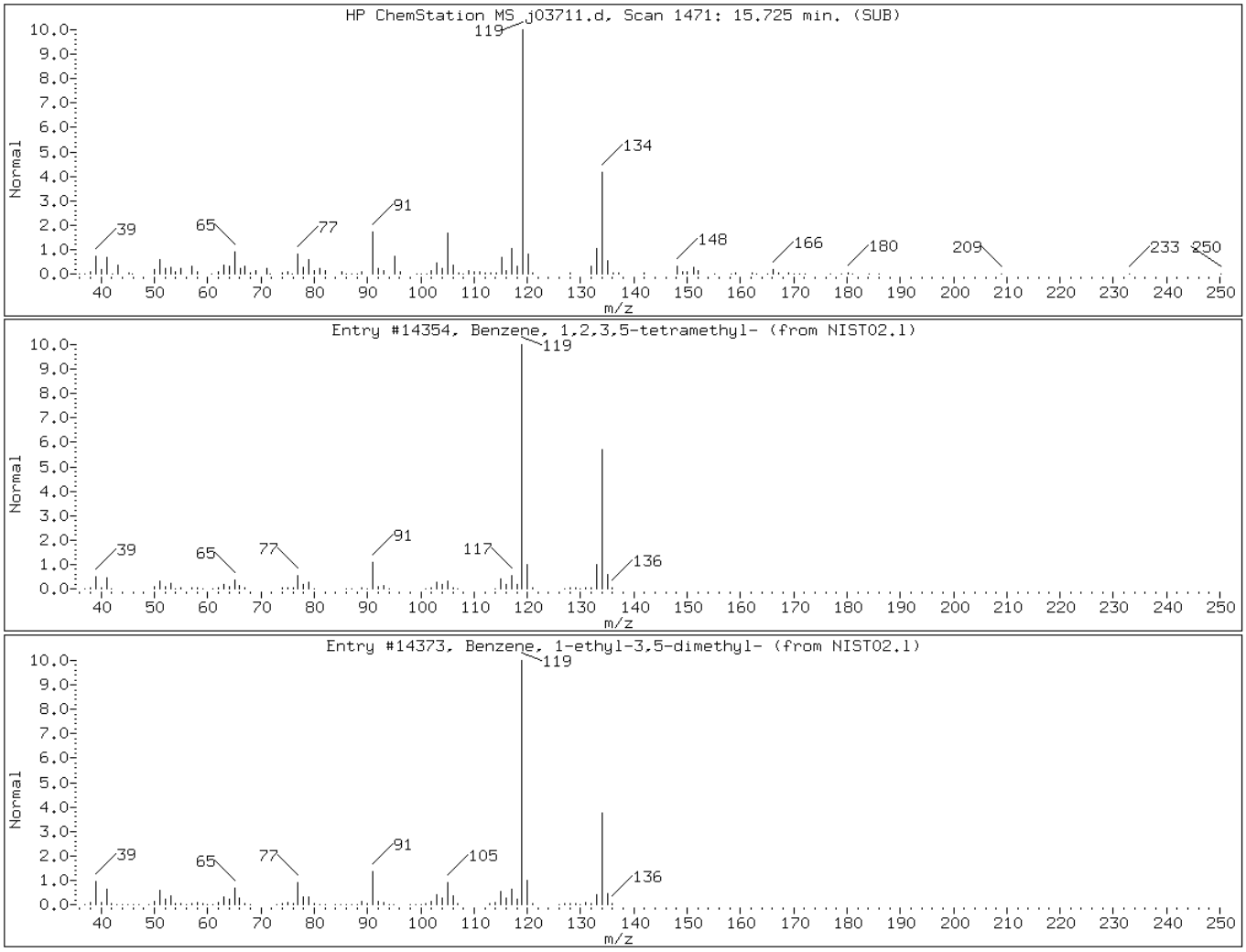
Date: 15-SEP-2011 15:09

Client ID: PMP-24-VD-S (4.5-6. Instrument: VOAMS8.i

Sample Info: 460-30837-C-5-A;500;;8.51;5 Operator:

Retention Time: 15.73

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H14 Aromatic-3						
Benzene, 1,2,3,5-tetramethyl-	527-53-7	NIST02.l	14354	93	C10H14	134
Benzene, 1-ethyl-3,5-dimethyl-	934-74-7	NIST02.l	14373	93	C10H14	134



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-24-WT-S (6.5-8.5) | Lab Sample ID: 460-30837-6

Matrix: Solid | Lab File ID: j03698.d

Analysis Method: 8260B | Date Collected: 09/08/2011 16:55

Sample wt/vol: 5.45(g) | Date Analyzed: 09/15/2011 08:11

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 14.1 | Level: (low/med) Medium

Analysis Batch No.: 86112 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	53	U	53	11
74-83-9	Bromomethane	53	U	53	17
75-01-4	Vinyl chloride	53	U	53	6.4
75-00-3	Chloroethane	53	U	53	24
75-09-2	Methylene Chloride	53	U	53	10
67-64-1	Acetone	530	U	530	130
75-15-0	Carbon disulfide	53	U *	53	7.8
75-69-4	Trichlorofluoromethane	53	U	53	8.4
75-35-4	1,1-Dichloroethene	53	U	53	7.5
75-34-3	1,1-Dichloroethane	53	U	53	5.3
156-60-5	trans-1,2-Dichloroethene	53	U	53	7.4
156-59-2	cis-1,2-Dichloroethene	180		53	10
67-66-3	Chloroform	33	J	53	8.3
78-93-3	2-Butanone	530	U	530	44
107-06-2	1,2-Dichloroethane	53	U	53	13
71-55-6	1,1,1-Trichloroethane	53	U	53	13
56-23-5	Carbon tetrachloride	53	U	53	9.6
71-43-2	Benzene	53	U	53	6.3
75-25-2	Bromoform	53	U	53	5.3
100-42-5	Styrene	1200		53	7.4
100-41-4	Ethylbenzene	4400		53	13
108-90-7	Chlorobenzene	450		53	8.8
110-82-7	Cyclohexane	53	U	53	6.6
98-82-8	Isopropylbenzene	740		53	11
591-78-6	2-Hexanone	530	U	530	29
1634-04-4	MTBE	53	U	53	9.9
76-13-1	Freon TF	69		53	15
79-20-9	Methyl acetate	110	U	110	18
123-91-1	1,4-Dioxane	2700	U	2700	450
79-01-6	Trichloroethene	3700		53	9.5
108-88-3	Toluene	880		53	5.1
10061-02-6	trans-1,3-Dichloropropene	53	U	53	6.5
108-10-1	4-Methyl-2-pentanone	530	U	530	36
10061-01-5	cis-1,3-Dichloropropene	53	U	53	5.5
95-50-1	1,2-Dichlorobenzene	1400		53	8.7
541-73-1	1,3-Dichlorobenzene	18	J	53	12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-24-WT-S (6.5-8.5) | Lab Sample ID: 460-30837-6

Matrix: Solid | Lab File ID: j03698.d

Analysis Method: 8260B | Date Collected: 09/08/2011 16:55

Sample wt/vol: 5.45(g) | Date Analyzed: 09/15/2011 08:11

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 14.1 | Level: (low/med) Medium

Analysis Batch No.: 86112 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	130		53	8.0
120-82-1	1,2,4-Trichlorobenzene	11000		53	23
87-61-6	1,2,3-Trichlorobenzene	1500		53	44
78-87-5	1,2-Dichloropropane	53	U	53	4.7
108-87-2	Methylcyclohexane	400		53	4.3
127-18-4	Tetrachloroethene	600		53	10
1330-20-7	Xylenes, Total	13000		160	23
96-12-8	1,2-Dibromo-3-Chloropropane	53	U	53	8.2
79-34-5	1,1,2,2-Tetrachloroethane	53	U	53	4.6
79-00-5	1,1,2-Trichloroethane	53	U	53	5.2
124-48-1	Dibromochloromethane	53	U	53	5.4
106-93-4	1,2-Dibromoethane	53	U	53	4.9
75-71-8	Dichlorodifluoromethane	53	U	53	15
74-97-5	Bromochloromethane	53	U	53	9.2
75-27-4	Bromodichloromethane	53	U	53	4.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	119		57-135
2037-26-5	Toluene-d8 (Surr)	116		46-130
460-00-4	Bromofluorobenzene	112		50-124

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-24-WT-S (6.5-8.5) Lab Sample ID: 460-30837-6

Matrix: Solid Lab File ID: j03698.d

Analysis Method: 8260B Date Collected: 09/08/2011 16:55

Sample wt/vol: 5.45(g) Date Analyzed: 09/15/2011 08:11

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.53(mm)

% Moisture: 14.1 Level: (low/med) Medium

Analysis Batch No.: 86112 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 101000

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C10H22 Alkane/C9H12 Aromatic	12.87	21000	J
95-63-6	1,2,4-Trimethylbenzene	13.35	9900	
	C10H20 Cycloalkane	13.58	8000	J
	C11H24 Alkane-1	14.13	9900	J
	Decahydronaphthalene isomer	14.19	7600	J
	Coeluting Aromatics	14.74	9800	J
	Decahydromethylnaphthalene isomer-1	15.26	8200	J
	C12H26 Alkane/C11H14 Aromatic	15.47	8200	J
	C10H14 Aromatic-4	15.73	8400	J
91-20-3	Naphthalene	16.86	10000	

Data File: /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03698.d
Report Date: 21-Sep-2011 18:06

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03698.d
Lab Smp Id: 460-30837-C-6-A Client Smp ID: PMP-24-WT-S (6.5-8.
Inj Date : 15-SEP-2011 08:11
Operator : Inst ID: VOAMS8.i
Smp Info : 460-30837-C-6-A;50;;5.45;5
Misc Info : 460-30837-C-6-A
Comment   :
Method   : /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/8260_09.m
Meth Date : 15-Sep-2011 04:53 audberto Quant Type: ISTD
Cal Date : 14-SEP-2011 06:22 Cal File: j03643.d
Als bottle: 9
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	5.45000	Weight of sample extracted (g)
M	14.08163	% 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	4.324	4.318	(0.548)	33020	1.28358	68
	36 cis-1,2-Dichloroethene	96	6.419	6.391	(0.813)	60130	3.38034	180
	42 Chloroform	83	6.810	6.777	(0.862)	20581	0.61112	33(a)
$	47 1,2-Dichloroethane-d4 (SUR)	65	7.484	7.452	(0.948)	846540	59.4513	3200
*	52 Fluorobenzene	96	7.896	7.862	(1.000)	2390712	50.0000	
	54 Trichloroethene	95	8.332	8.304	(1.055)	1343386	69.7058	3700
	56 Methyl cyclohexane	83	8.561	8.549	(1.084)	93173	7.52423	400
$	65 Toluene-d8 (SUR)	98	9.754	9.730	(0.860)	2317391	57.9348	3100
	66 Toluene	91	9.827	9.804	(0.866)	857391	16.4485	880
	71 Tetrachloroethene	166	10.440	10.425	(0.920)	199116	11.2290	600
*	78 Chlorobenzene-d5	117	11.345	11.328	(1.000)	1773536	50.0000	
	79 Chlorobenzene	112	11.372	11.365	(1.002)	303614	8.44851	450
	81 Ethylbenzene	106	11.462	11.448	(1.010)	1203516	82.2296	4400
	82 m+p-Xylene	106	11.573	11.568	(1.020)	3202193	163.092	8700

Data File: /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03698.d
Report Date: 21-Sep-2011 18:06

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
84	o-Xylene	106	11.997	11.984	(1.057)	1428140	73.0382	3900
85	Styrene	104	12.006	11.993	(1.058)	756378	21.8090	1200
88	Isopropylbenzene	105	12.349	12.338	(1.089)	622502	13.9407	740
$ 89	Bromofluorobenzene (SUR)	174	12.533	12.529	(0.910)	1078149	55.7707	3000
95	n-Propylbenzene	91	12.772	12.760	(0.927)	883804	17.2009	920
97	1,3,5-Trimethylbenzene	105	12.928	12.920	(0.938)	1825440	51.4330	2700
101	1,2,4-Trimethylbenzene	105	13.348	13.332	(0.969)	6930596	184.630	9800
103	sec-Butylbenzene	105	13.538	13.524	(0.983)	601149	13.2457	710
105	1,3-Dichlorobenzene	146	13.712	13.698	(0.995)	8373	0.34008	18(a)
107	p-Isopropyltoluene	119	13.667	13.661	(0.992)	940766	24.7499	1300(H)
* 108	1,4-Dichlorobenzene-d4	152	13.776	13.760	(1.000)	856866	50.0000	
109	1,4-Dichlorobenzene	146	13.804	13.797	(1.002)	74455	2.38177	130
106	n-Butylbenzene	91	14.133	14.128	(1.026)	1502719	45.6666	2400
111	1,2-Dichlorobenzene	146	14.253	14.238	(1.035)	672556	25.3351	1400
114	1,2,4-Trichlorobenzene	180	16.412	16.393	(1.191)	2740670	210.276	11000
116	Naphthalene	128	16.862	16.838	(1.224)	4306719	187.858	10000
117	1,2,3-Trichlorobenzene	180	17.273	17.269	(1.254)	383634	27.7231	1500
M 120	1,2-Dichloroethene (Total)	100				60130	3.44427	180
M 121	Xylene (Total)	100				4630333	236.130	13000

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03698.d
Report Date: 21-Sep-2011 18:06

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03698.d
Lab Smp Id: 460-30837-C-6-A Client Smp ID: PMP-24-WT-S (6.5-8.
Inj Date : 15-SEP-2011 08:11
Operator : Inst ID: VOAMS8.i
Smp Info : 460-30837-C-6-A;50;;5.45;5
Misc Info : 460-30837-C-6-A
Comment   :
Method   : /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/8260_09.m
Meth Date : 15-Sep-2011 04:53 audberto Quant Type: ISTD
Cal Date : 14-SEP-2011 06:22 Cal File: j03643.d
Als bottle: 9
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	5.45000	Weight of sample extracted (g)
M	14.08163	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 78 Chlorobenzene-d5	11.345	6016087	50.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
C9H18 Cycloalkane					CAS #:		
10.789	7848933	65.2328704	3500	0		0	78
Unknown					CAS #:		
11.009	4170444	34.6607714	1800	0		0	78

Data File: /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03698.d
Report Date: 21-Sep-2011 18:06

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
C9H18 Cycloalkane-1					CAS #:		
11.914	4463666	37.0977473	2000	0		0	78
Unknown-1					CAS #:		
12.204	14257023	118.490826	6300	0		0	78
C10H22 Alkane/C9H12 Aromatic					CAS #:		
12.873	48166291	400.312440	21000	0		0	78(L)
C11H24 Alkane/C9H12 Aromatic-1					CAS #:		
13.174	11451653	95.1752593	5100	0		0	78
C10H20 Cycloalkane					CAS #:		
13.585	18083596	150.293667	8000	0		0	78(L)
C11H24 Alkane-1					CAS #:		
14.133	22208552	184.576382	9800	0		0	78(L)
Decahydronaphthalene isomer					CAS #:		
14.188	17056334	141.756038	7600	0		0	78
C10H14 Aromatic					CAS #:		
14.464	8618720	71.6306097	3800	0		0	78
C10H14 Aromatic-1					CAS #:		
14.547	12412842	103.163743	5500	0		0	78
Coeluting Aromatics					CAS #:		
14.740	22081367	183.519340	9800	0		0	78
Decahydromethylnaphthalene isomer					CAS #:		
14.971	15522508	129.008335	6900	0		0	78
C10H14 Aromatic-2					CAS #:		
15.054	7065317	58.7202019	3100	0		0	78
C10H14 Aromatic-3					CAS #:		
15.128	6227527	51.7572848	2800	0		0	78
Decahydromethylnaphthalene isomer-1					CAS #:		
15.256	18583771	154.450647	8200	0		0	78
C12H26 Alkane/C11H14 Aromatic					CAS #:		
15.473	18589983	154.502274	8200	0		0	78

Data File: /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03698.d
Report Date: 21-Sep-2011 18:06

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
====	====	==========	==========	====	=======	=========	======
C10H14 Aromatic-4					CAS #:		
15.727	19029081	158.151639	8400	0		0	78
Unknown-2					CAS #:		
17.061	6653668	55.2989653	3000	0		0	78

QC Flag Legend

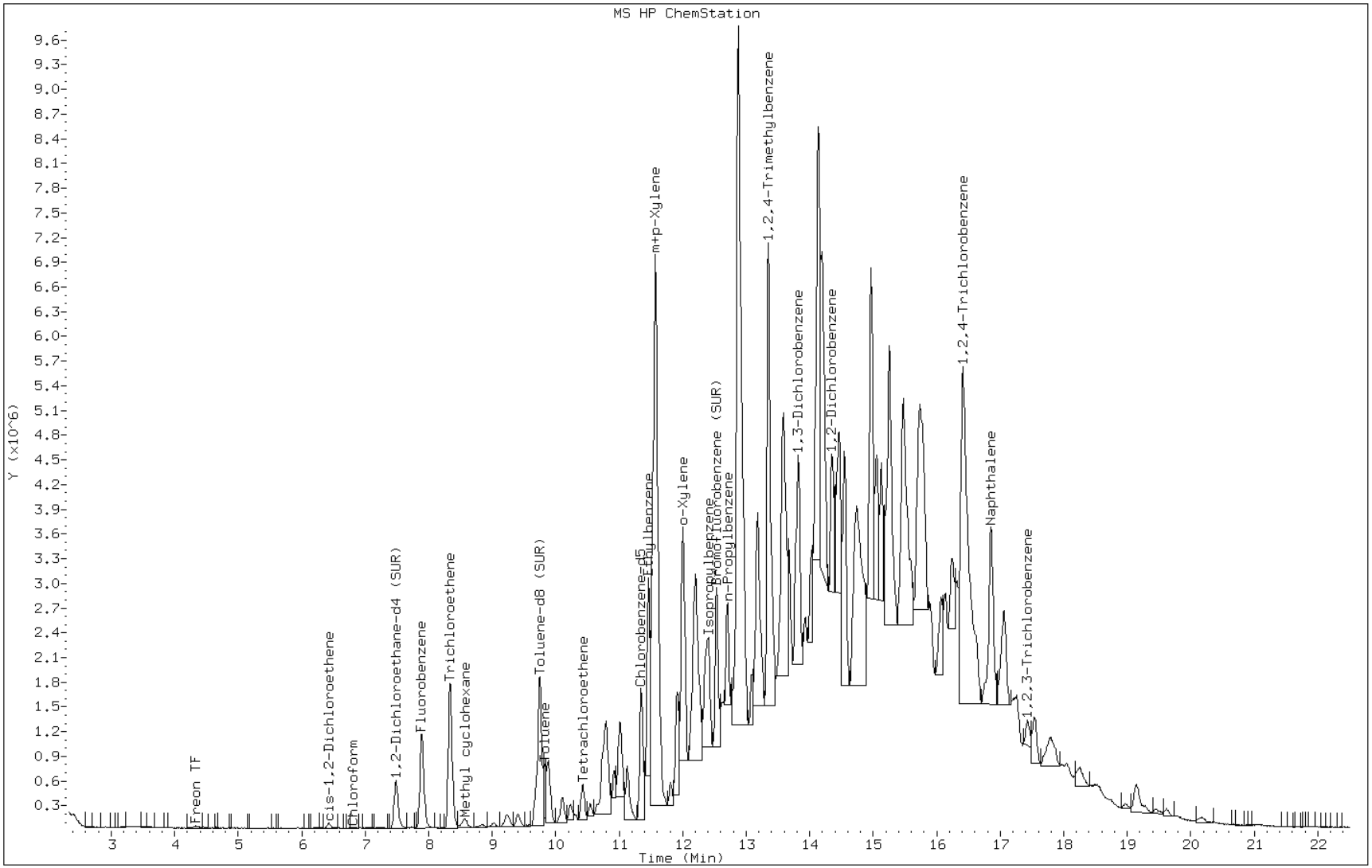
L - Operator selected an alternate library search match.

Data File: j03698.d

Date: 15-SEP-2011 08:11

Client ID: PMP-24-WT-S (6.5-8. Instrument: VOAMS8.i

Sample Info: 460-30837-C-6-A;50;;5.45;5 Operator:



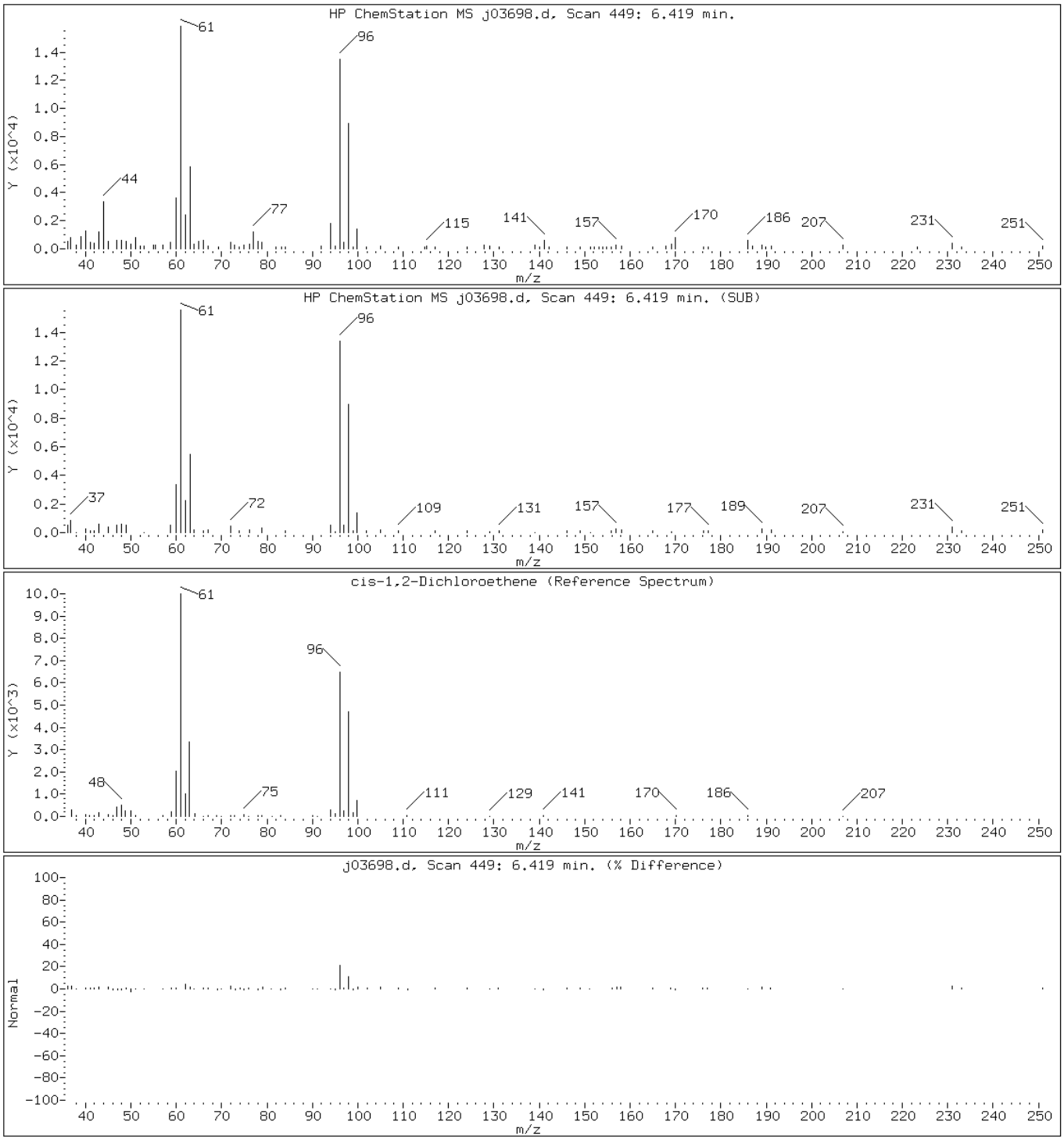
Data File: j03698.d

Date: 15-SEP-2011 08:11

Client ID: PMP-24-WT-S (6.5-8. Instrument: VOAMS8.i

Sample Info: 460-30837-C-6-A;50;;5.45;5 Operator:

36 cis-1,2-Dichloroethene



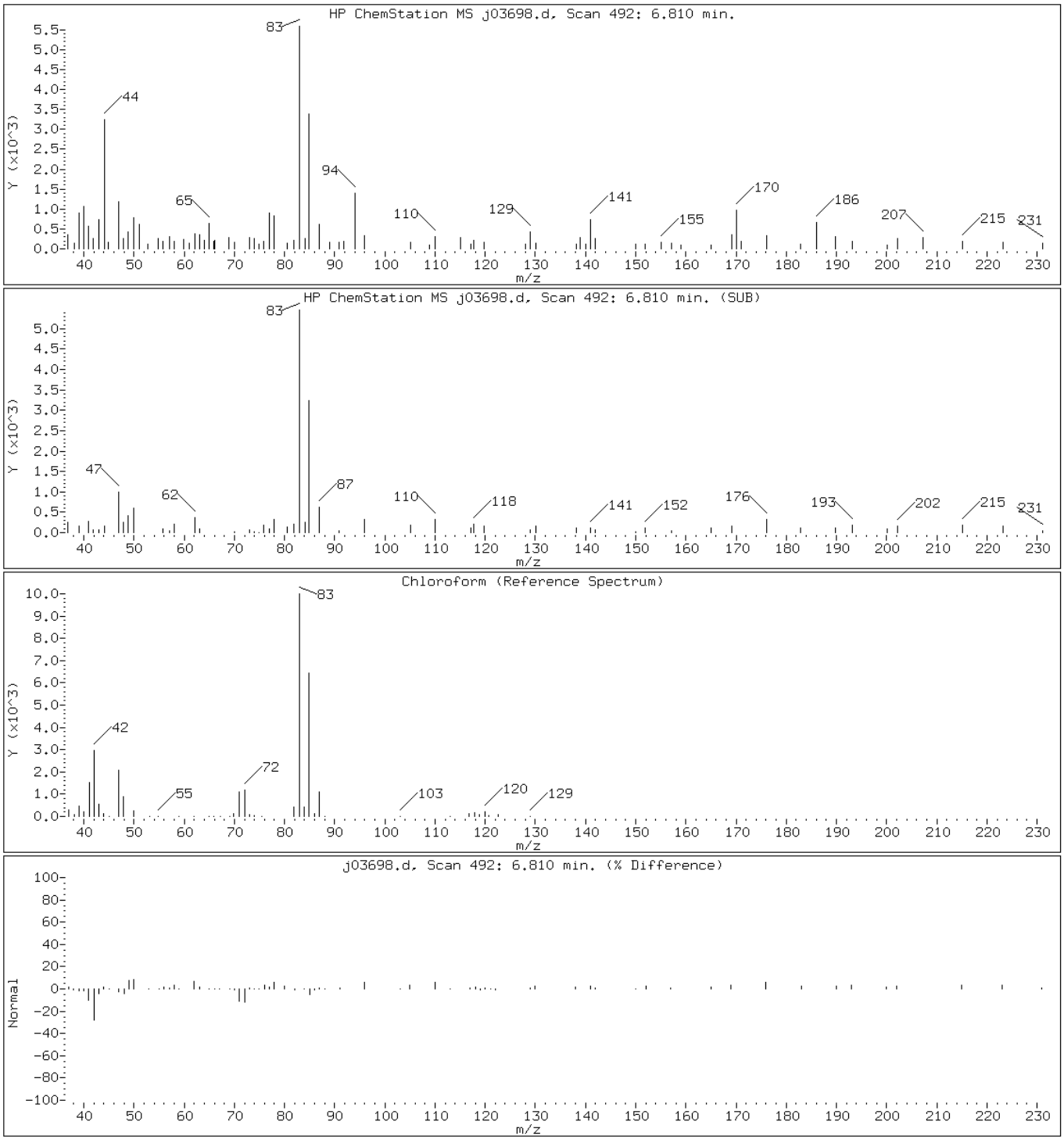
Data File: j03698.d

Date: 15-SEP-2011 08:11

Client ID: PMP-24-WT-S (6.5-8. Instrument: VOAMS8.i

Sample Info: 460-30837-C-6-A;50;;5.45;5 Operator:

42 Chloroform



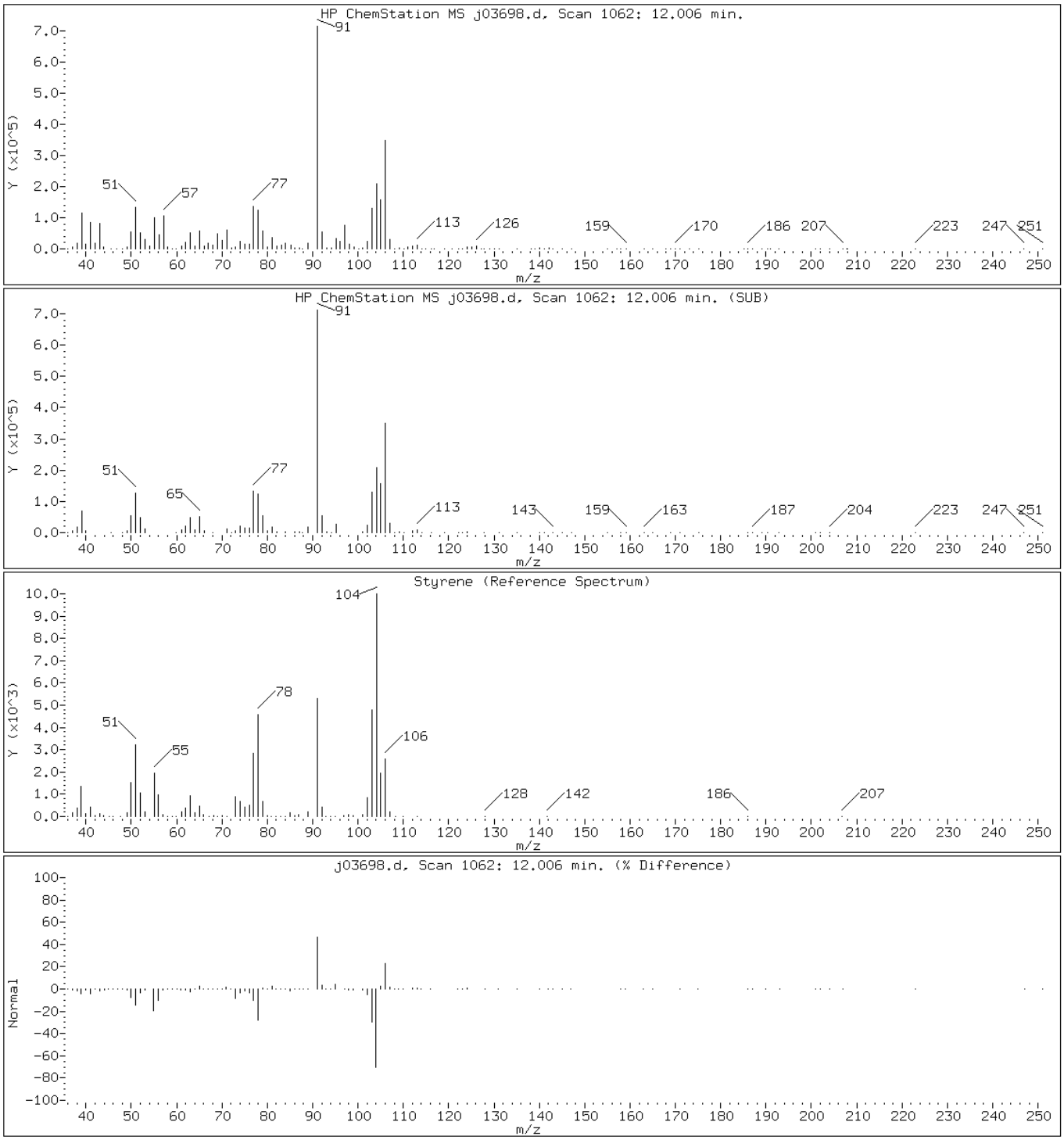
Data File: j03698.d

Date: 15-SEP-2011 08:11

Client ID: PMP-24-WT-S (6.5-8. Instrument: VOAMS8.i

Sample Info: 460-30837-C-6-A;50;;5.45;5 Operator:

85 Styrene



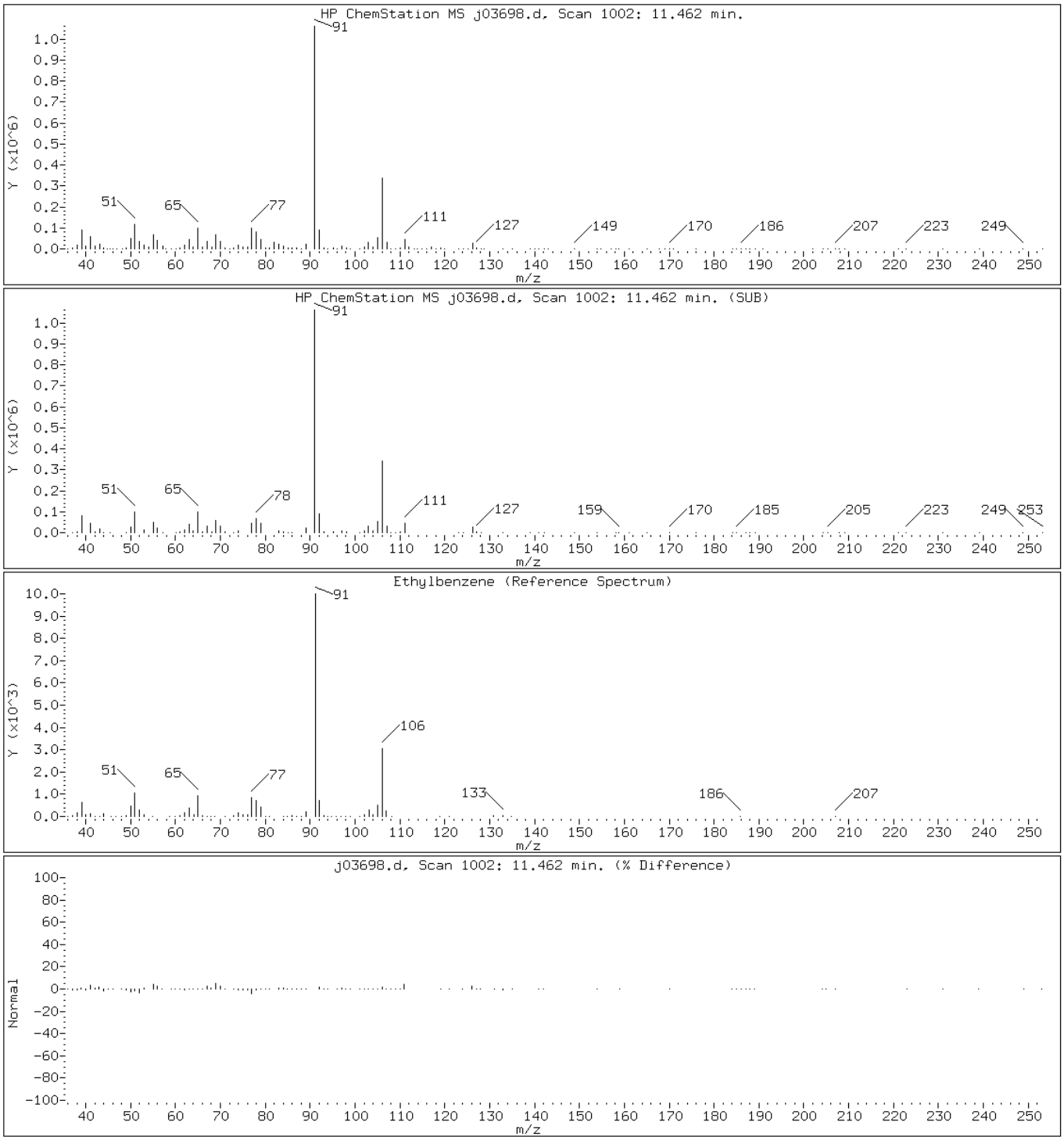
Data File: j03698.d

Date: 15-SEP-2011 08:11

Client ID: PMP-24-WT-S (6.5-8. Instrument: VOAMS8.i

Sample Info: 460-30837-C-6-A;50;;5.45;5 Operator:

81 Ethylbenzene



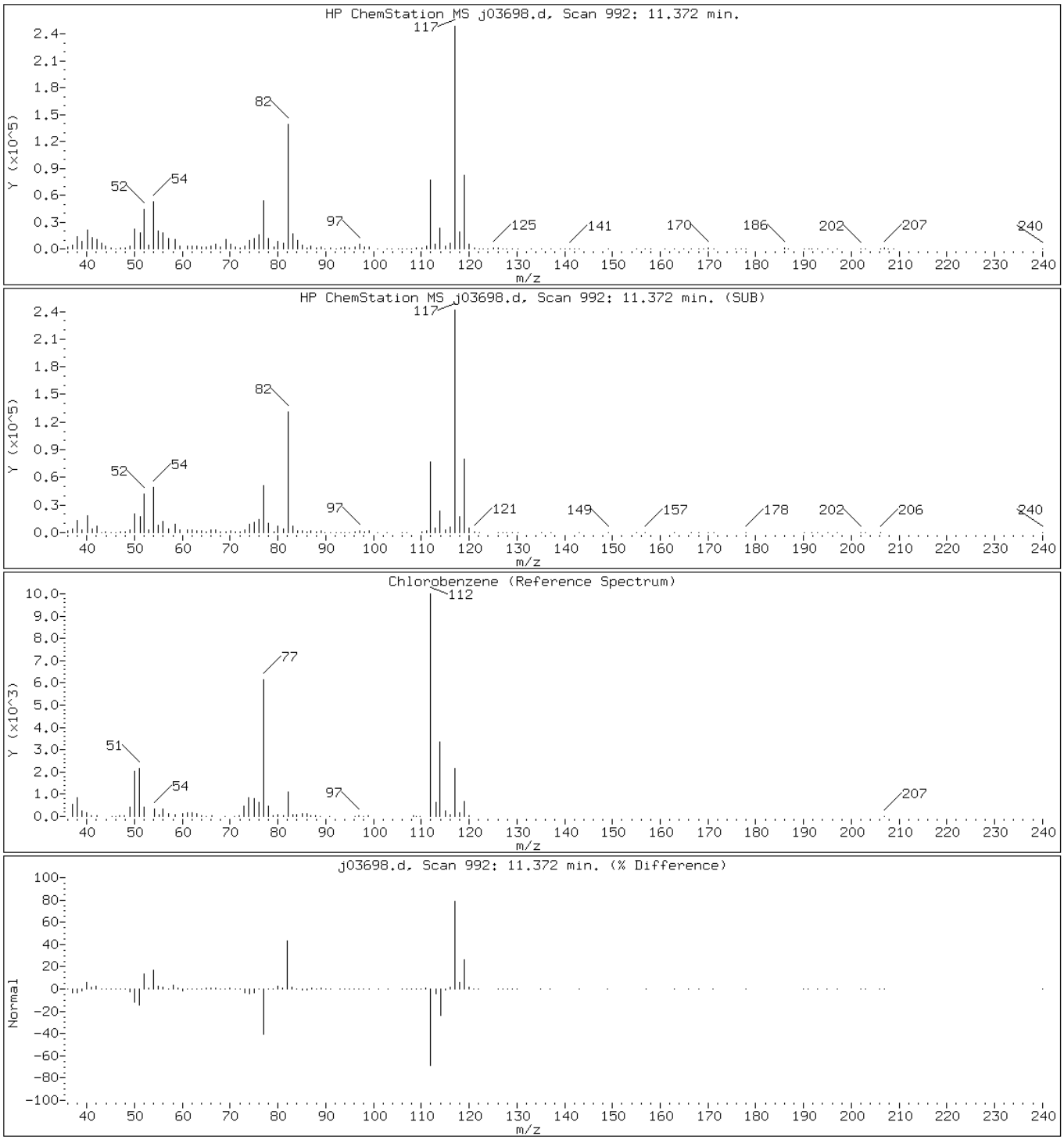
Data File: j03698.d

Date: 15-SEP-2011 08:11

Client ID: PMP-24-WT-S (6.5-8. Instrument: VOAMS8.i

Sample Info: 460-30837-C-6-A;50;;5.45;5 Operator:

79 Chlorobenzene



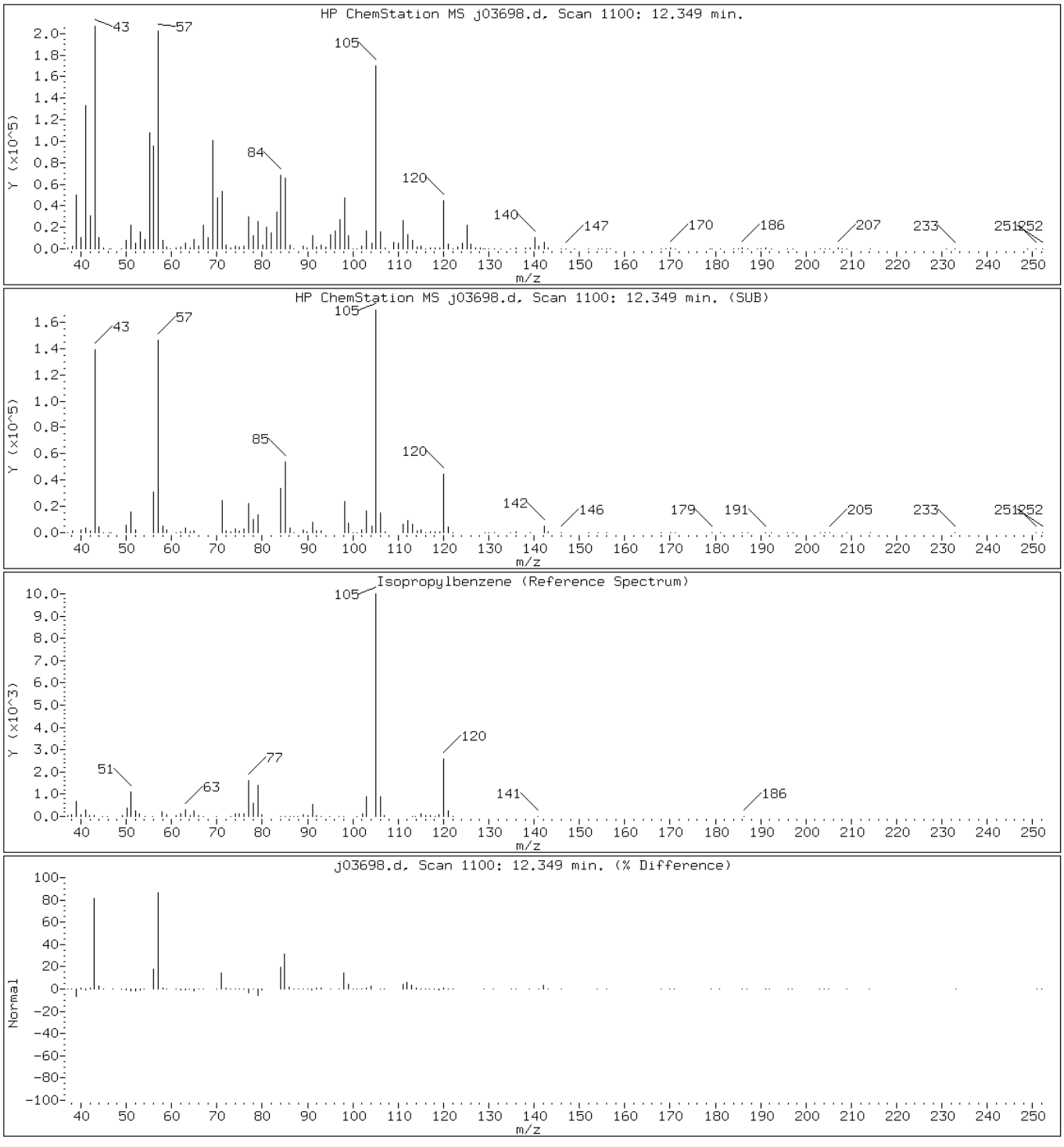
Data File: j03698.d

Date: 15-SEP-2011 08:11

Client ID: PMP-24-WT-S (6.5-8. Instrument: VOAMS8.i

Sample Info: 460-30837-C-6-A;50;;5.45;5 Operator:

88 Isopropylbenzene



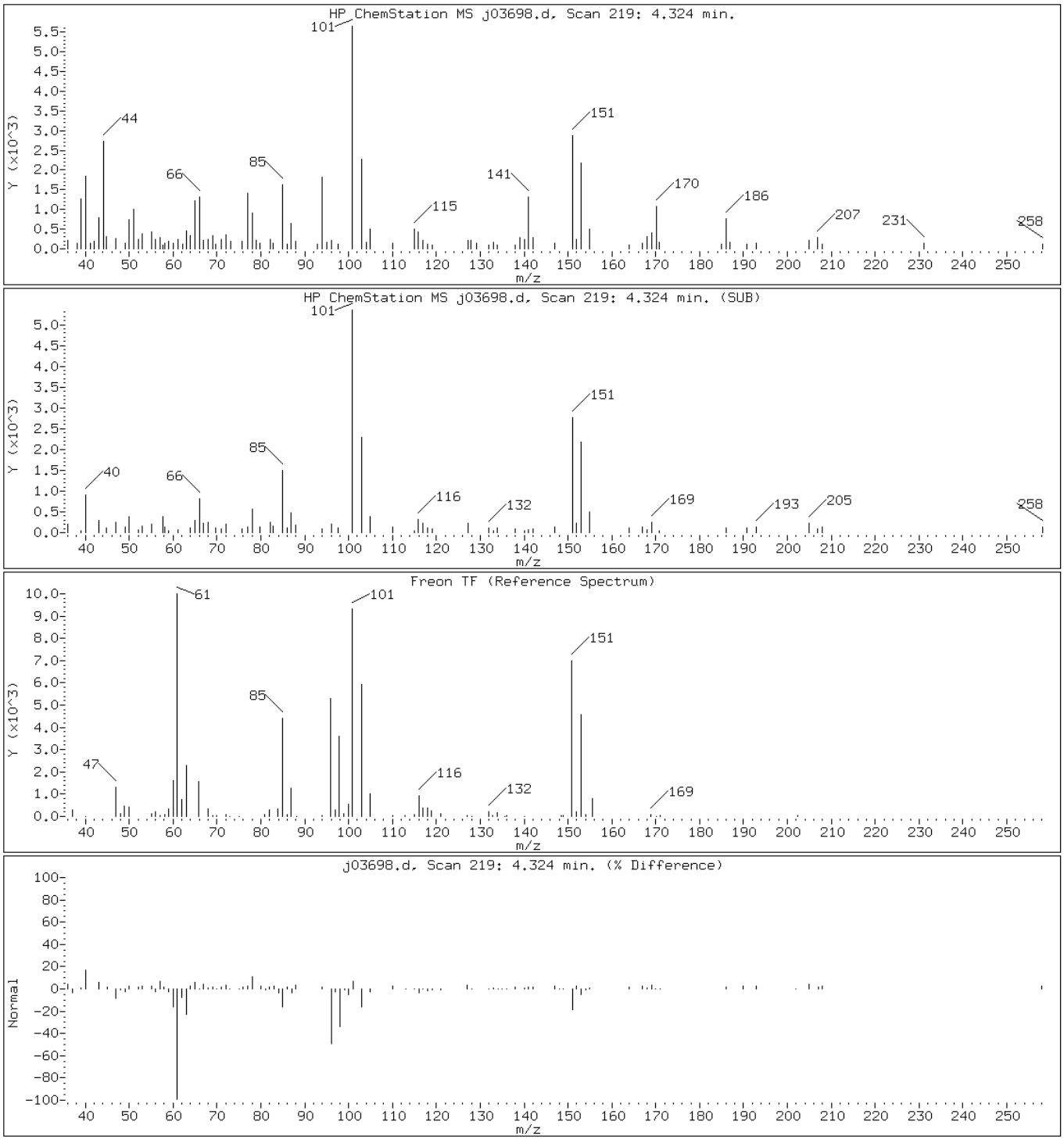
Data File: j03698.d

Date: 15-SEP-2011 08:11

Client ID: PMP-24-WT-S (6.5-8. Instrument: VOAMS8.i

Sample Info: 460-30837-C-6-A;50;;5.45;5 Operator:

14 Freon TF



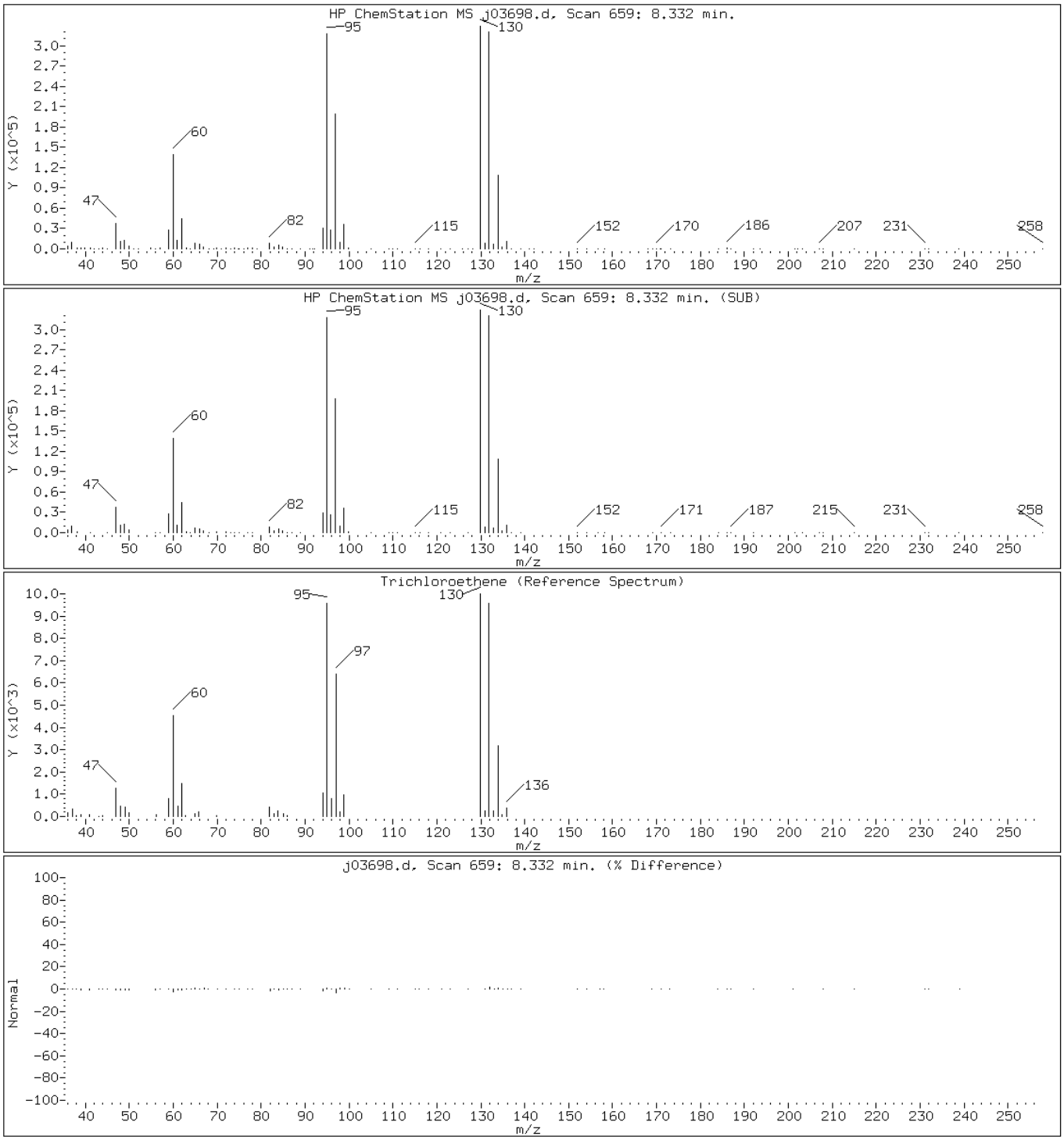
Data File: j03698.d

Date: 15-SEP-2011 08:11

Client ID: PMP-24-WT-S (6.5-8. Instrument: VOAMS8.i

Sample Info: 460-30837-C-6-A;50;;5.45;5 Operator:

54 Trichloroethene



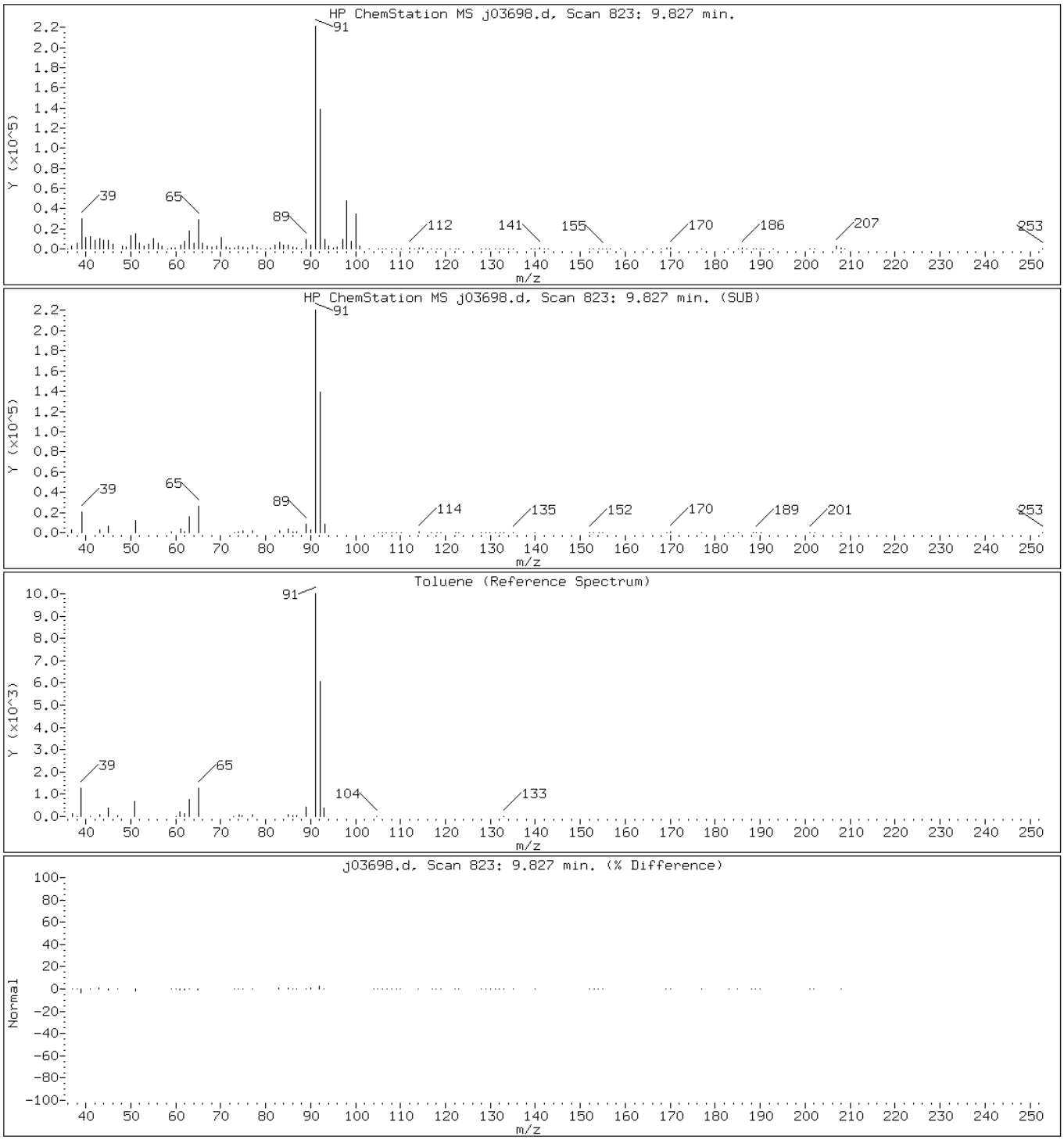
Data File: j03698.d

Date: 15-SEP-2011 08:11

Client ID: PMP-24-WT-S (6.5-8. Instrument: VOAMS8.i

Sample Info: 460-30837-C-6-A;50;;5.45;5 Operator:

66 Toluene



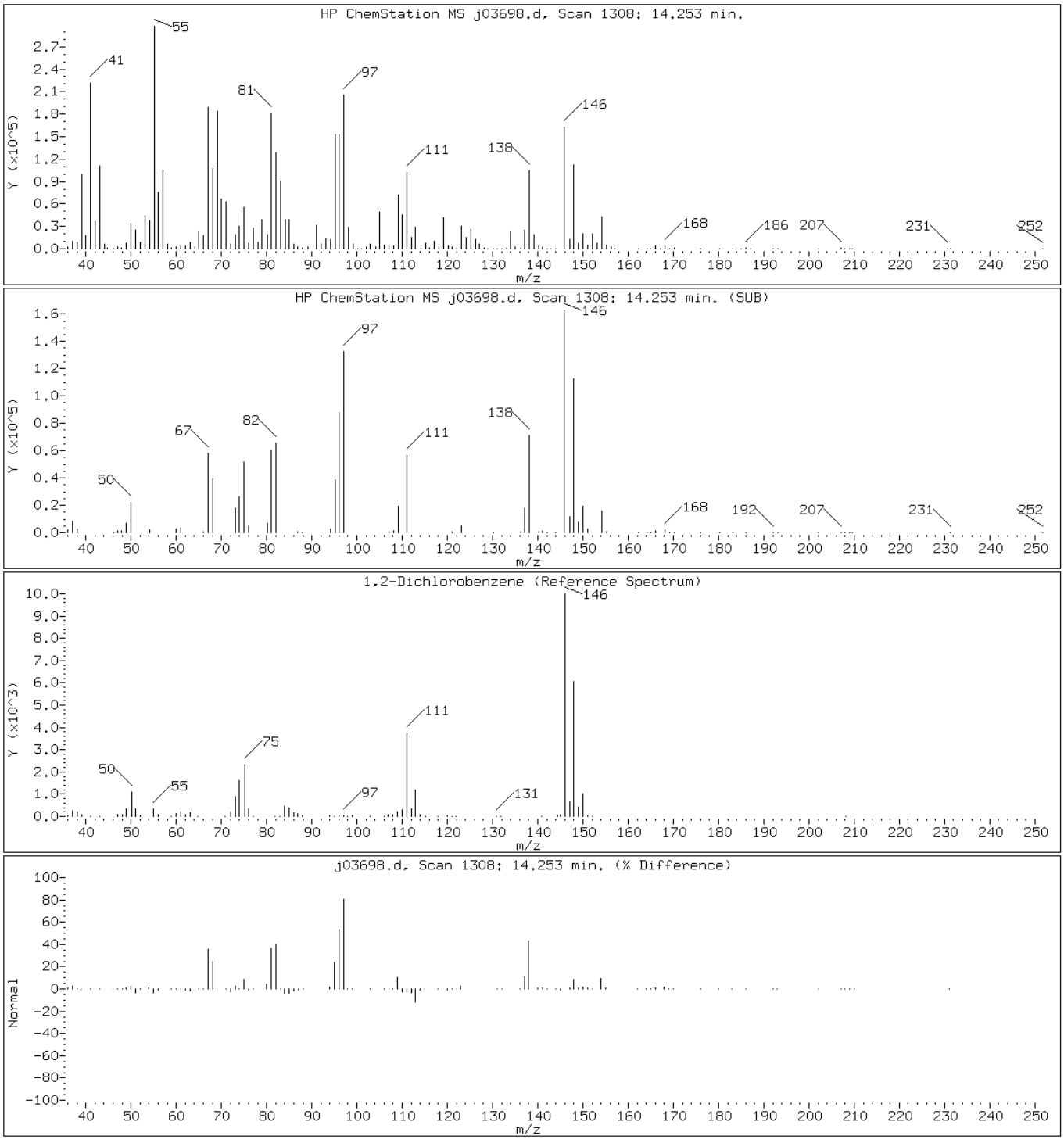
Data File: j03698.d

Date: 15-SEP-2011 08:11

Client ID: PMP-24-WT-S (6.5-8. Instrument: VOAMS8.i

Sample Info: 460-30837-C-6-A;50;;5.45;5 Operator:

111 1,2-Dichlorobenzene



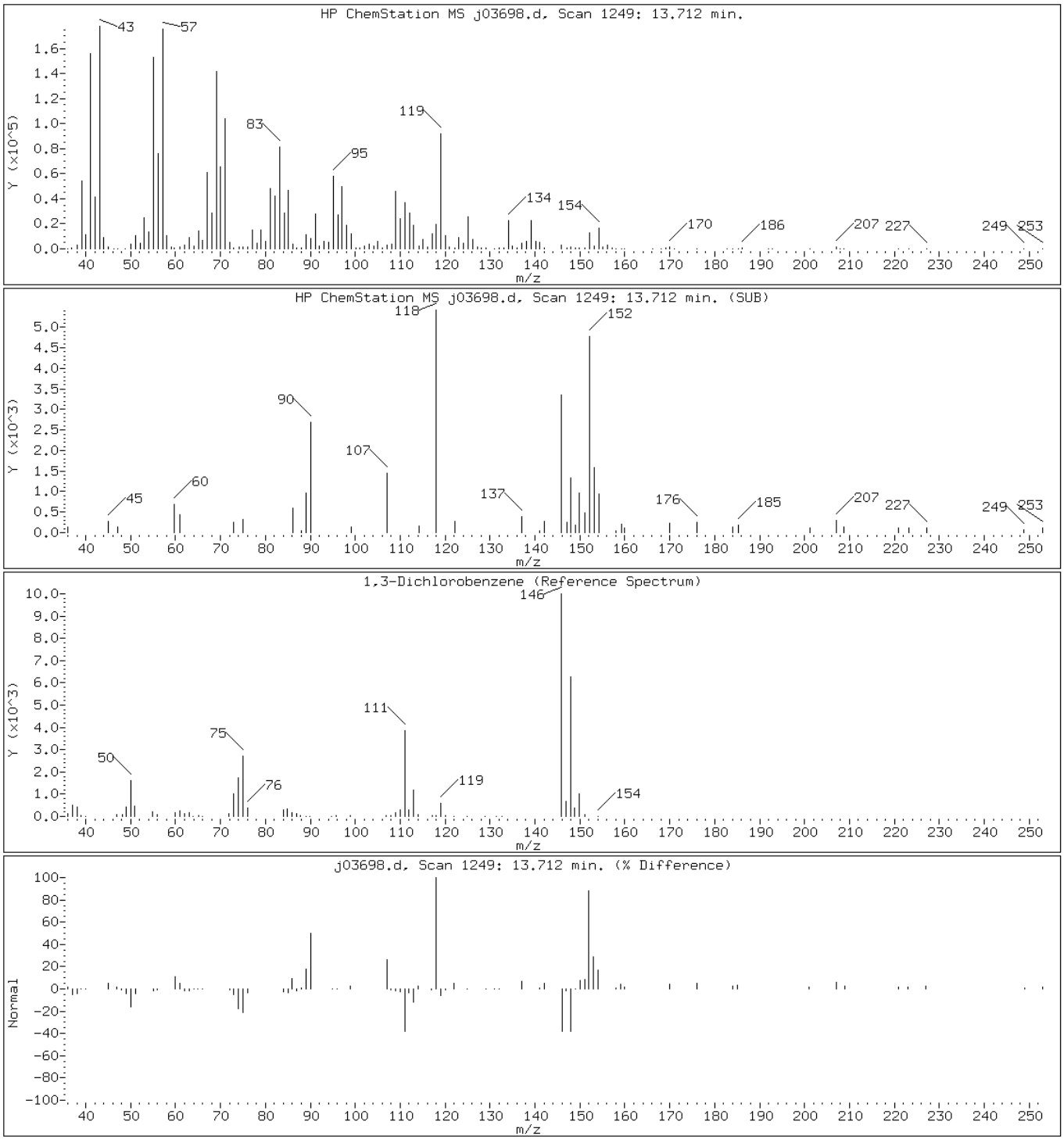
Data File: j03698.d

Date: 15-SEP-2011 08:11

Client ID: PMP-24-WT-S (6.5-8. Instrument: VOAMS8.i

Sample Info: 460-30837-C-6-A;50;;5.45;5 Operator:

105 1,3-Dichlorobenzene



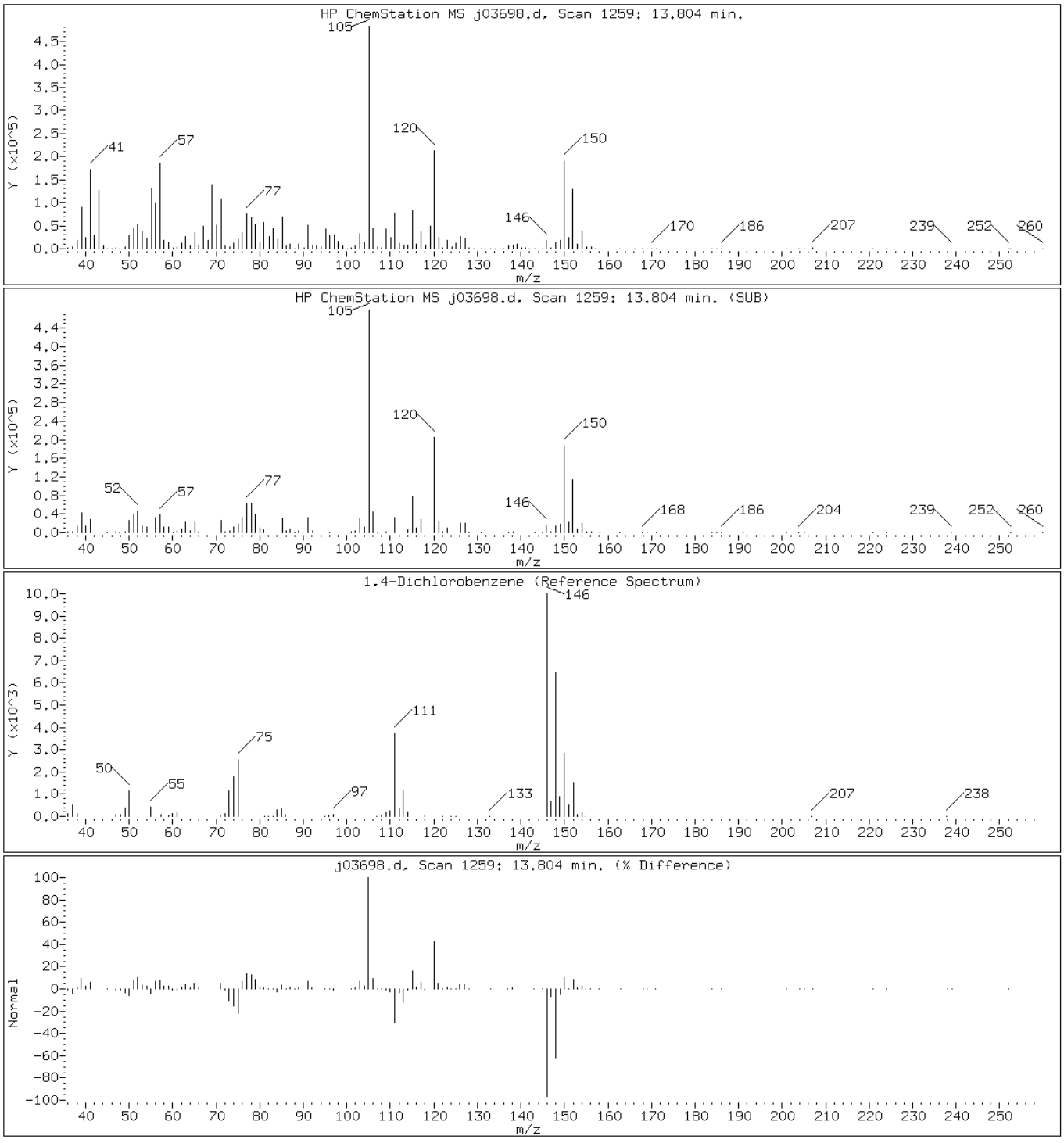
Data File: j03698.d

Date: 15-SEP-2011 08:11

Client ID: PMP-24-WT-S (6.5-8. Instrument: VOAMS8.i

Sample Info: 460-30837-C-6-A;50;;5.45;5 Operator:

109 1,4-Dichlorobenzene



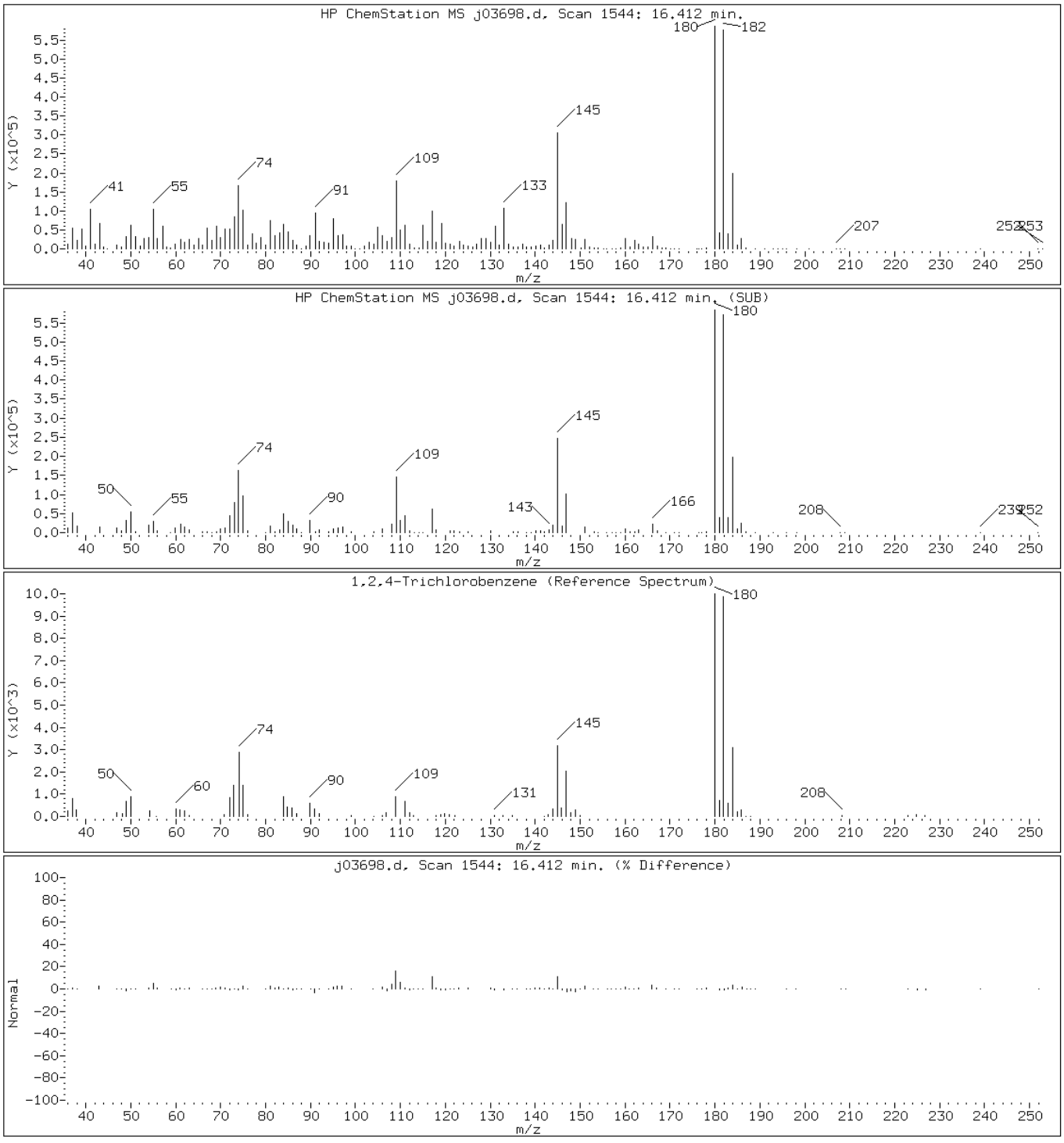
Data File: j03698.d

Date: 15-SEP-2011 08:11

Client ID: PMP-24-WT-S (6.5-8. Instrument: VOAMS8.i

Sample Info: 460-30837-C-6-A;50;;5.45;5 Operator:

114 1,2,4-Trichlorobenzene



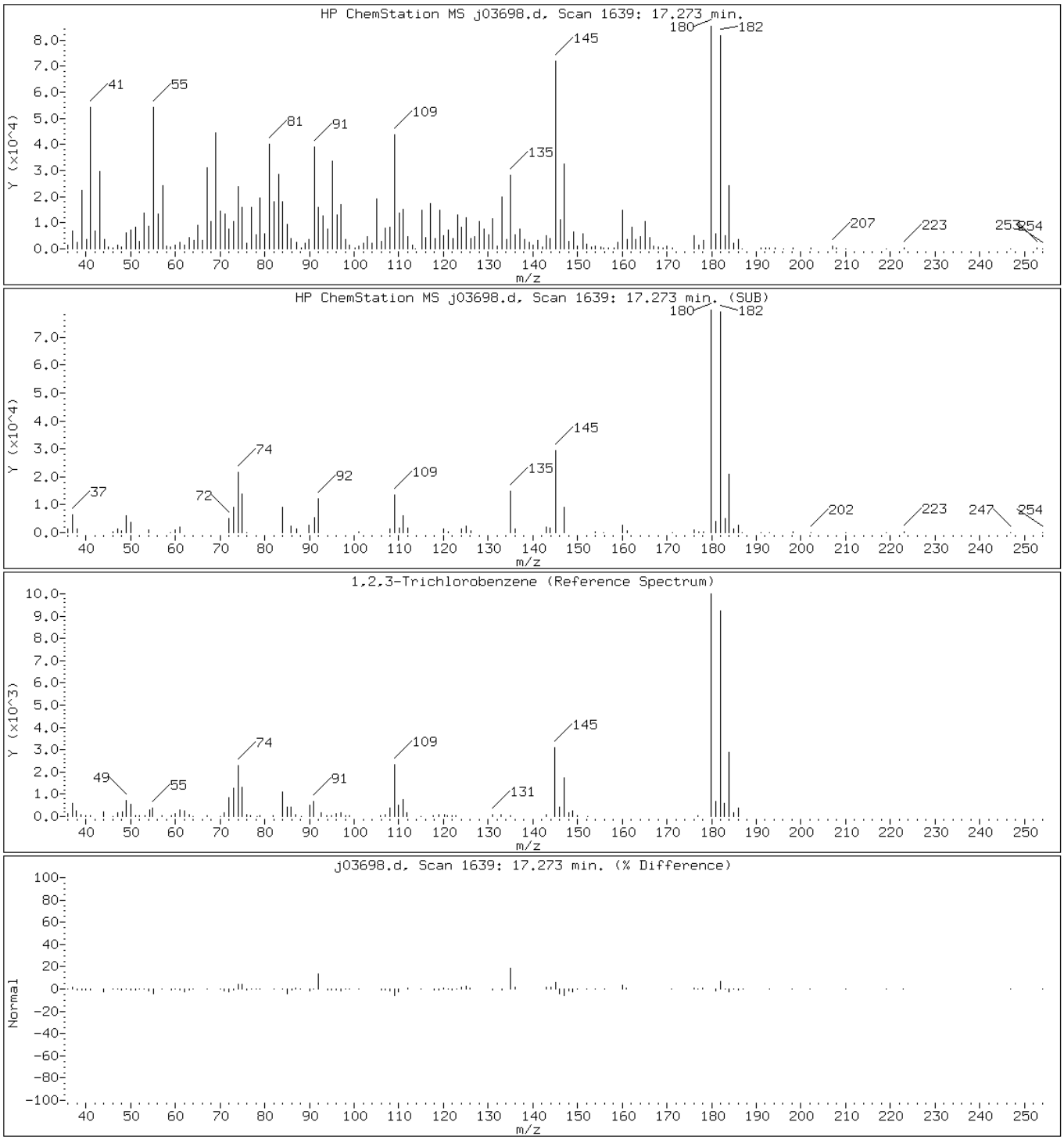
Data File: j03698.d

Date: 15-SEP-2011 08:11

Client ID: PMP-24-WT-S (6.5-8. Instrument: VOAMS8.i

Sample Info: 460-30837-C-6-A;50;;5.45;5 Operator:

117 1,2,3-Trichlorobenzene



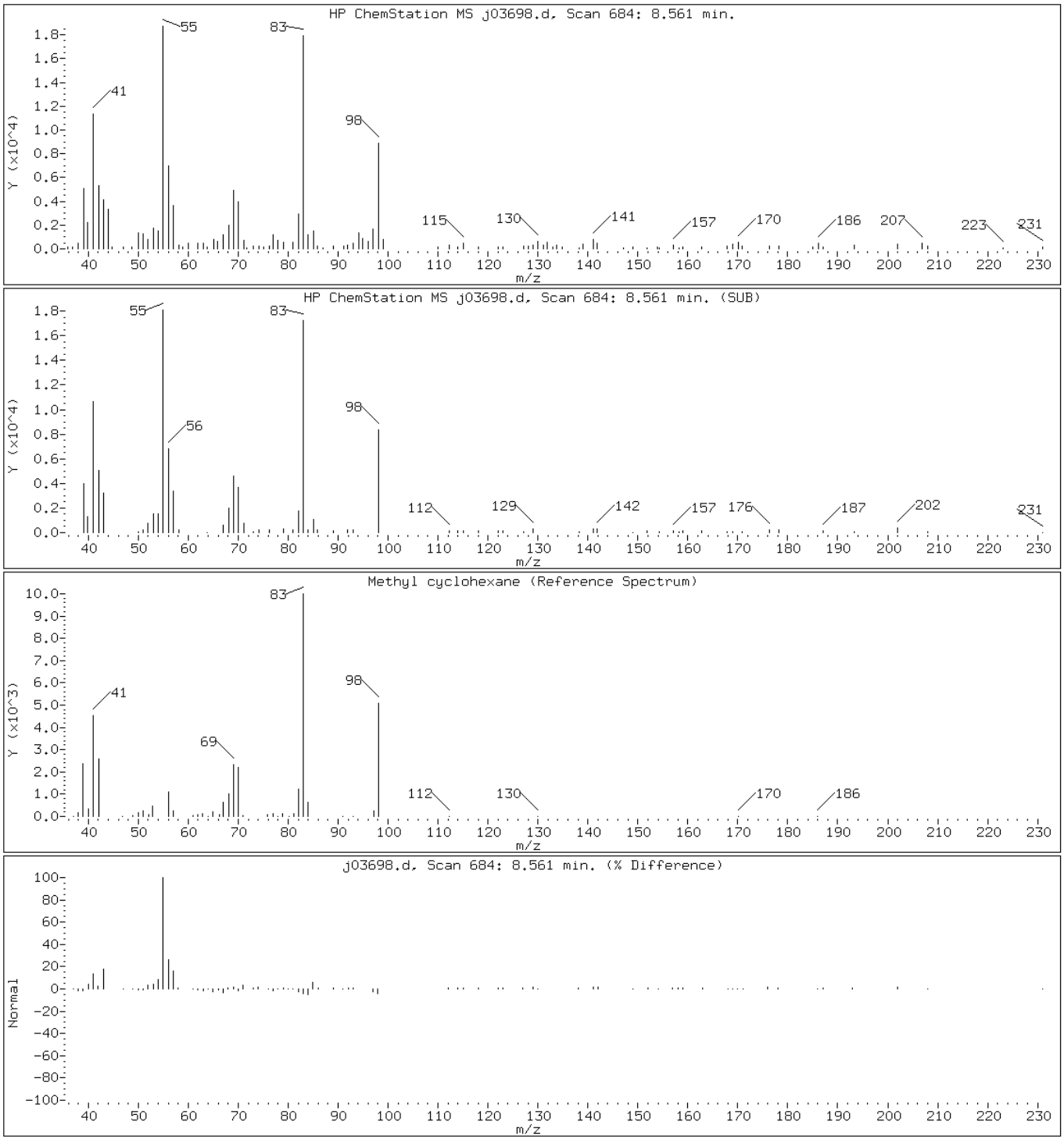
Data File: j03698.d

Date: 15-SEP-2011 08:11

Client ID: PMP-24-WT-S (6.5-8. Instrument: VOAMS8.i

Sample Info: 460-30837-C-6-A;50;;5.45;5 Operator:

56 Methyl cyclohexane



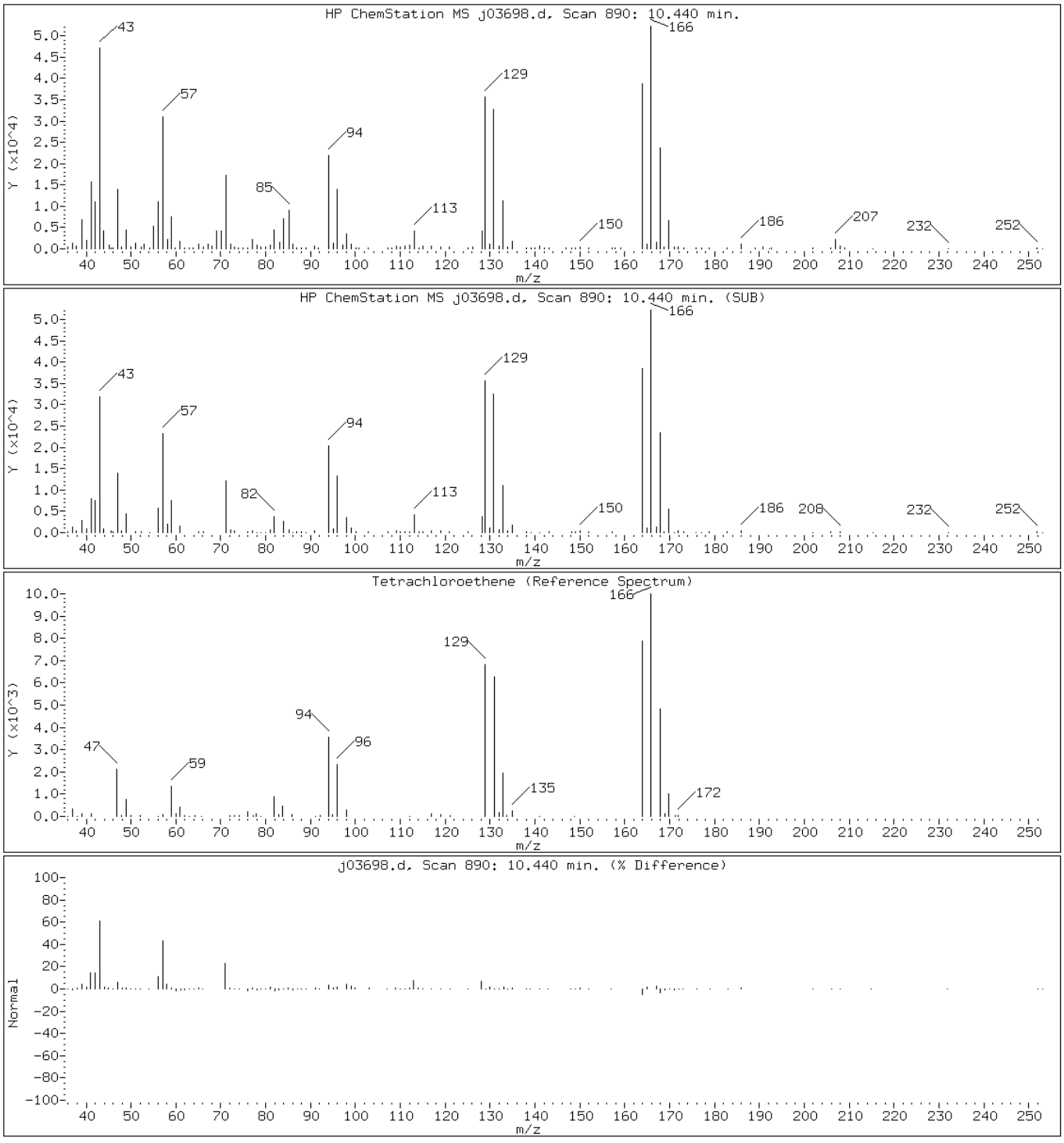
Data File: j03698.d

Date: 15-SEP-2011 08:11

Client ID: PMP-24-WT-S (6.5-8. Instrument: VOAMS8.i

Sample Info: 460-30837-C-6-A;50;;5.45;5 Operator:

71 Tetrachloroethene



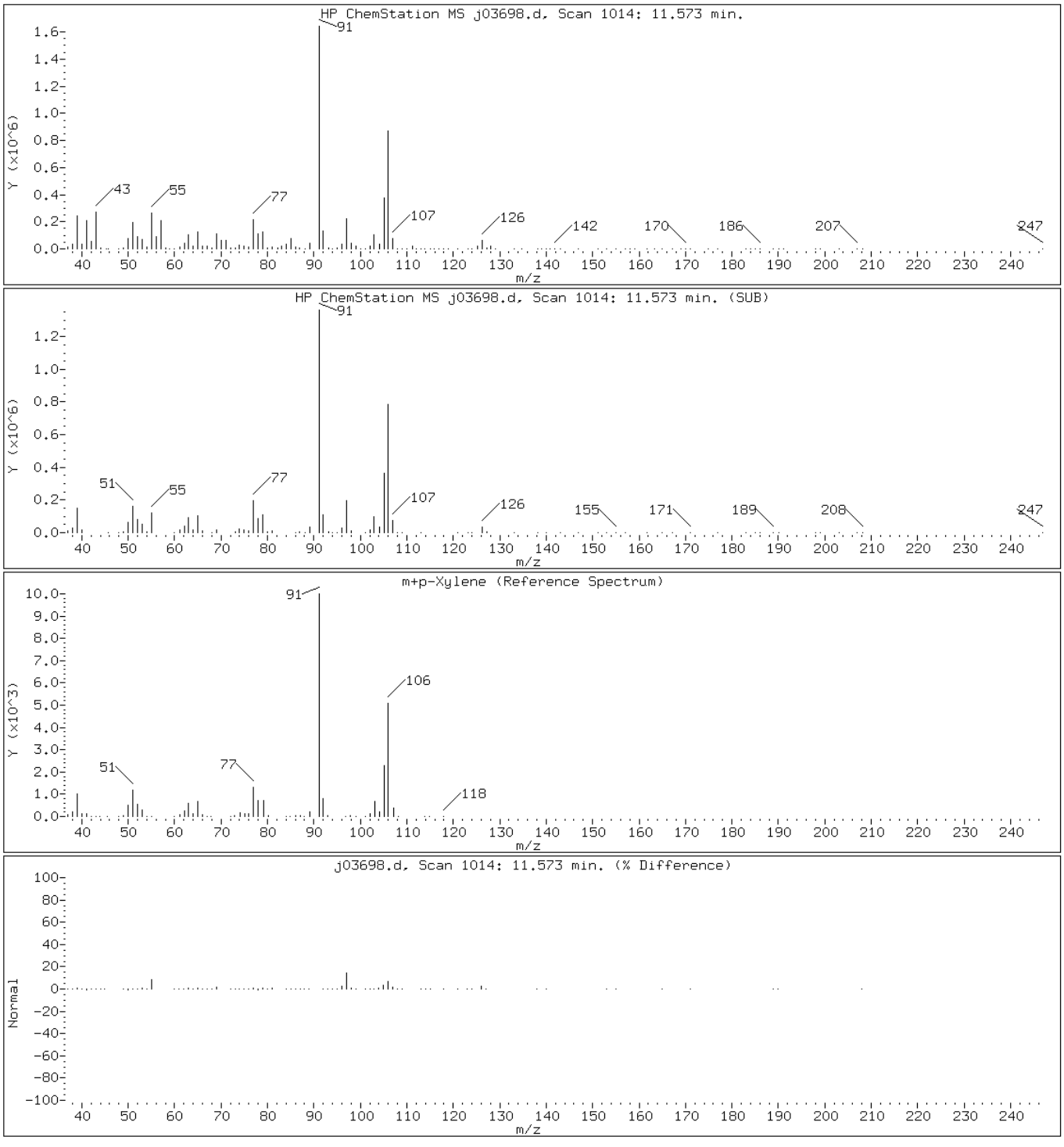
Data File: j03698.d

Date: 15-SEP-2011 08:11

Client ID: PMP-24-WT-S (6.5-8. Instrument: VOAMS8.i

Sample Info: 460-30837-C-6-A;50;;5.45;5 Operator:

82 m+p-Xylene



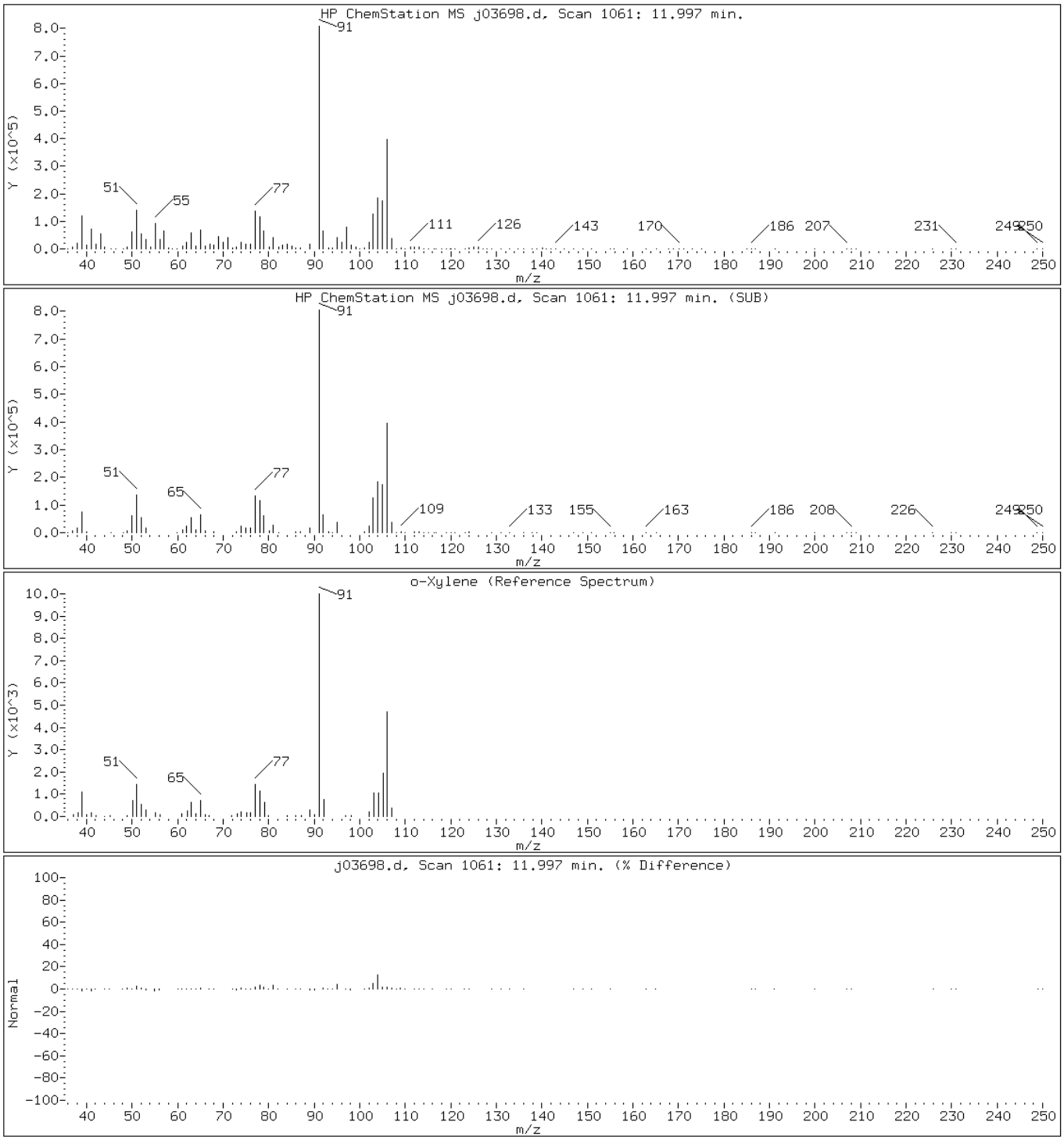
Data File: j03698.d

Date: 15-SEP-2011 08:11

Client ID: PMP-24-WT-S (6.5-8. Instrument: VOAMS8.i

Sample Info: 460-30837-C-6-A;50;;5.45;5 Operator:

84 o-Xylene



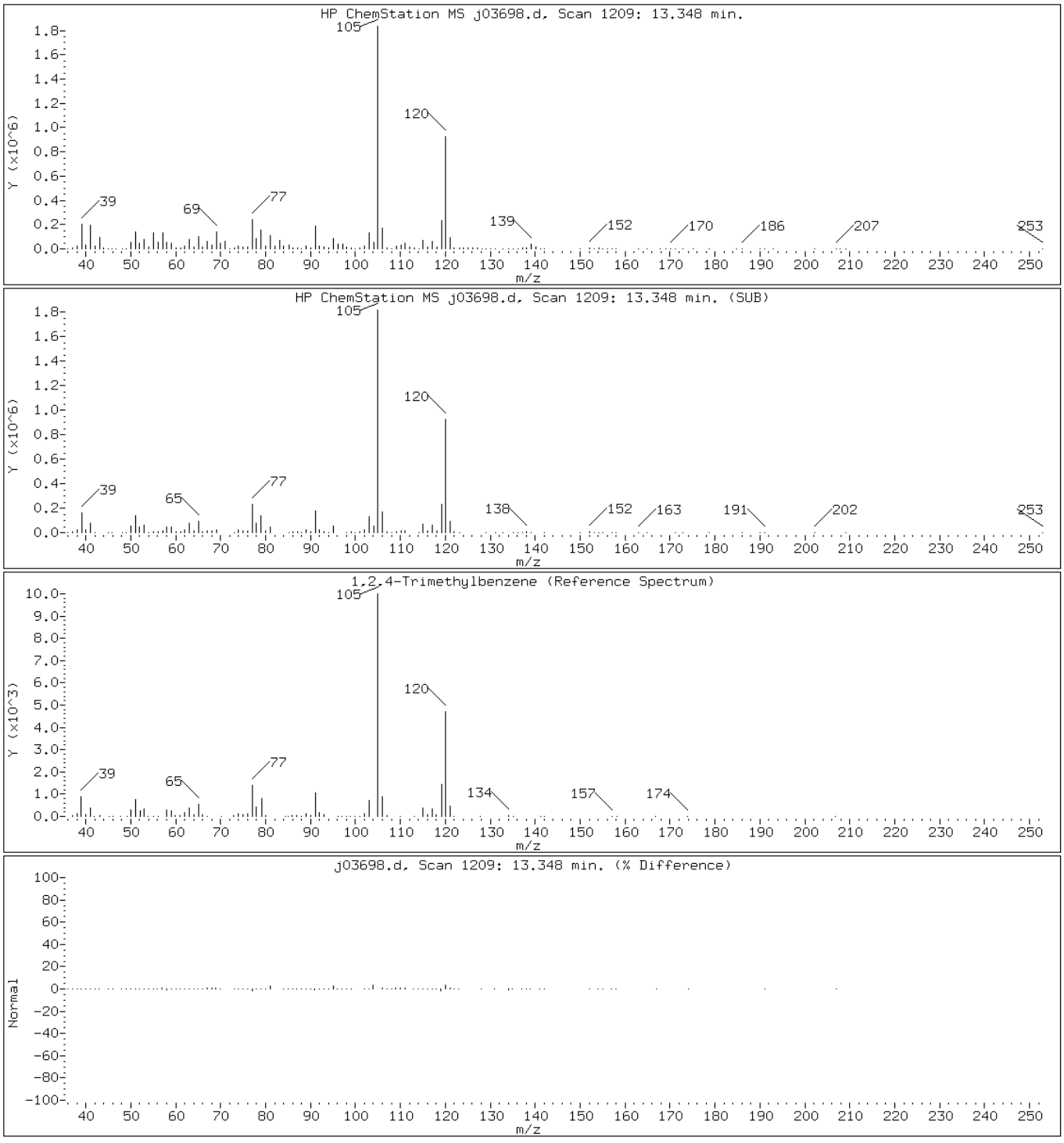
Data File: j03698.d

Date: 15-SEP-2011 08:11

Client ID: PMP-24-WT-S (6.5-8. Instrument: VOAMS8.i

Sample Info: 460-30837-C-6-A;50;;5.45;5 Operator:

101 1,2,4-Trimethylbenzene



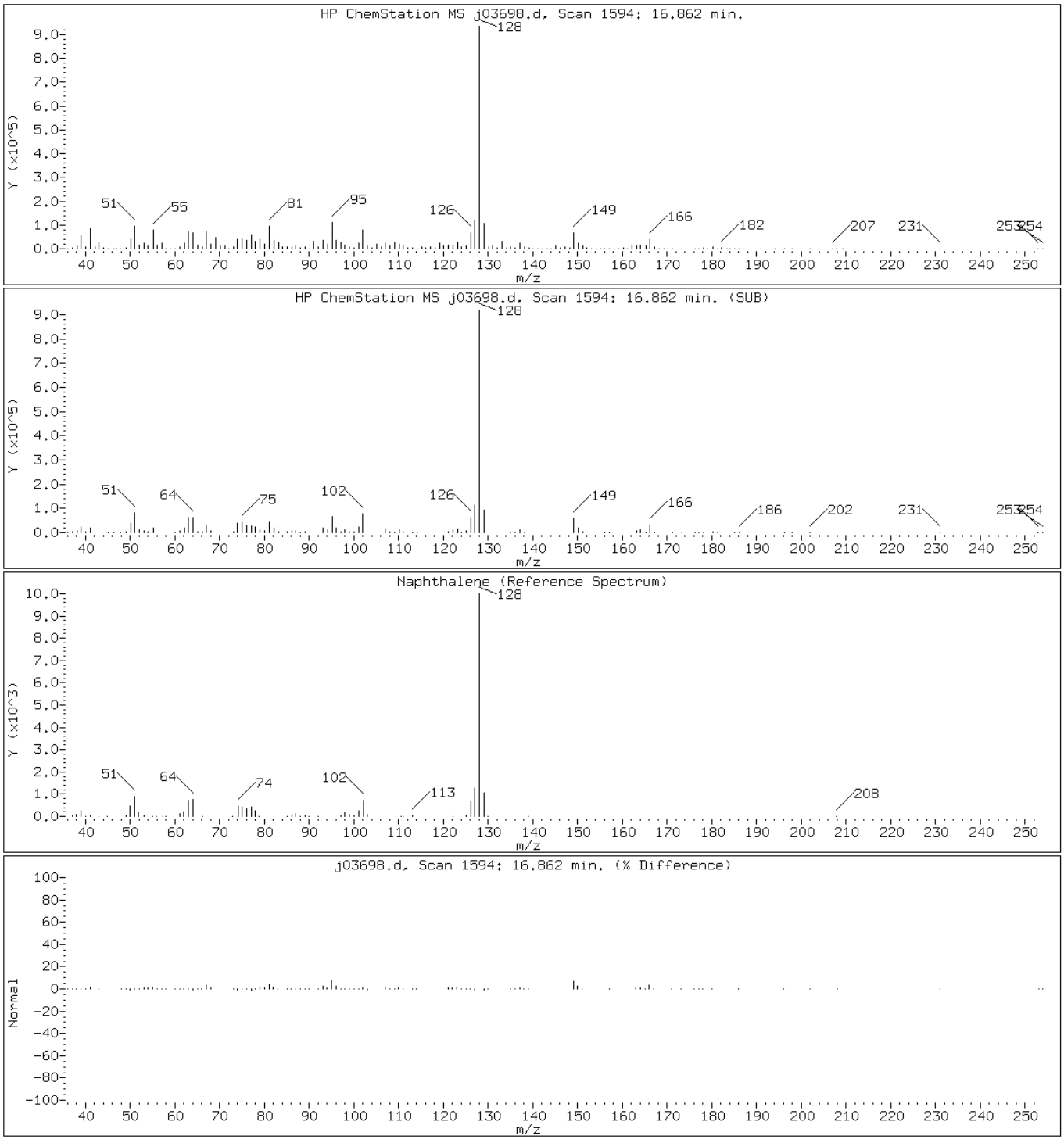
Data File: j03698.d

Date: 15-SEP-2011 08:11

Client ID: PMP-24-WT-S (6.5-8. Instrument: VOAMS8.i

Sample Info: 460-30837-C-6-A;50;;5.45;5 Operator:

116 Naphthalene



Data File: j03698.d

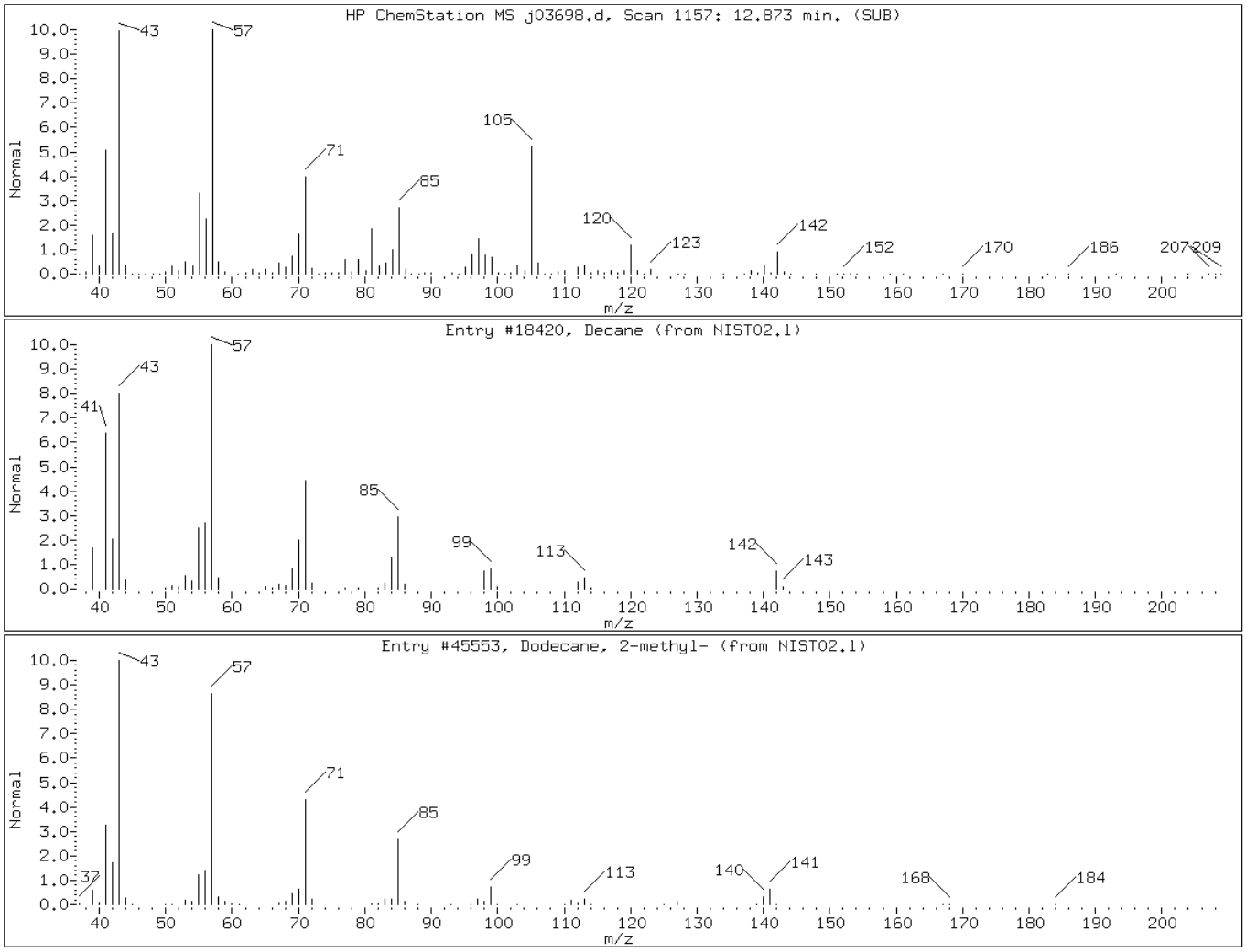
Date: 15-SEP-2011 08:11

Client ID: PMP-24-WT-S (6.5-8. Instrument: VOAMS8.i

Sample Info: 460-30837-C-6-A;50;;5.45;5 Operator:

Retention Time: 12.87

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H22 Alkane/C9H12 Aromatic						
Decane	124-18-5	NIST02.l	18420	95	C10H22	142
Dodecane, 2-methyl-	1560-97-0	NIST02.l	45553	47	C13H28	184



Data File: j03698.d

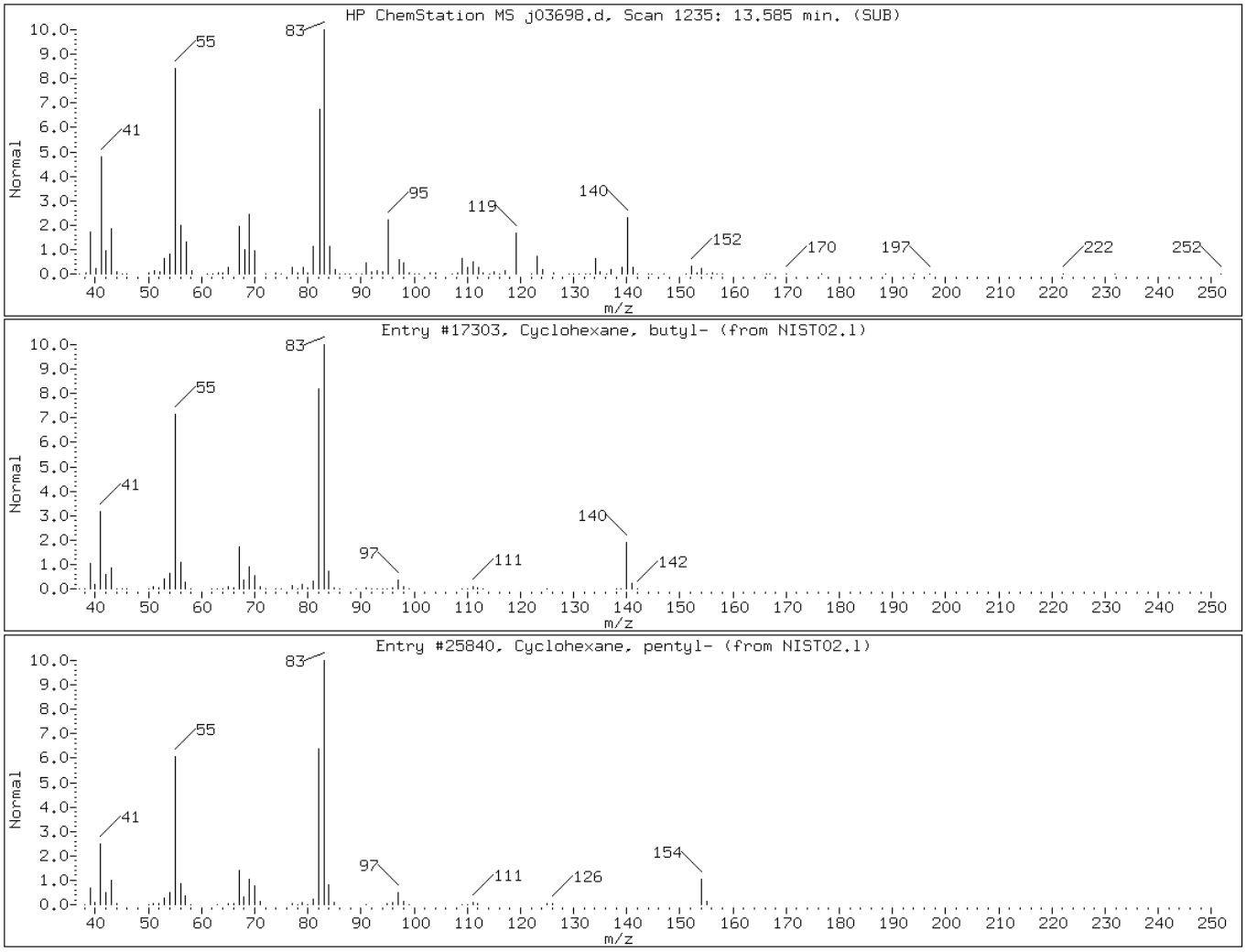
Date: 15-SEP-2011 08:11

Client ID: PMP-24-WT-S (6.5-8. Instrument: VOAMS8.i

Sample Info: 460-30837-C-6-A;50;;5.45;5 Operator:

Retention Time: 13.58

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H20 Cycloalkane						
Cyclohexane, butyl-	1678-93-9	NIST02.l	17303	87	C10H20	140
Cyclohexane, pentyl-	4292-92-6	NIST02.l	25840	76	C11H22	154



Data File: j03698.d

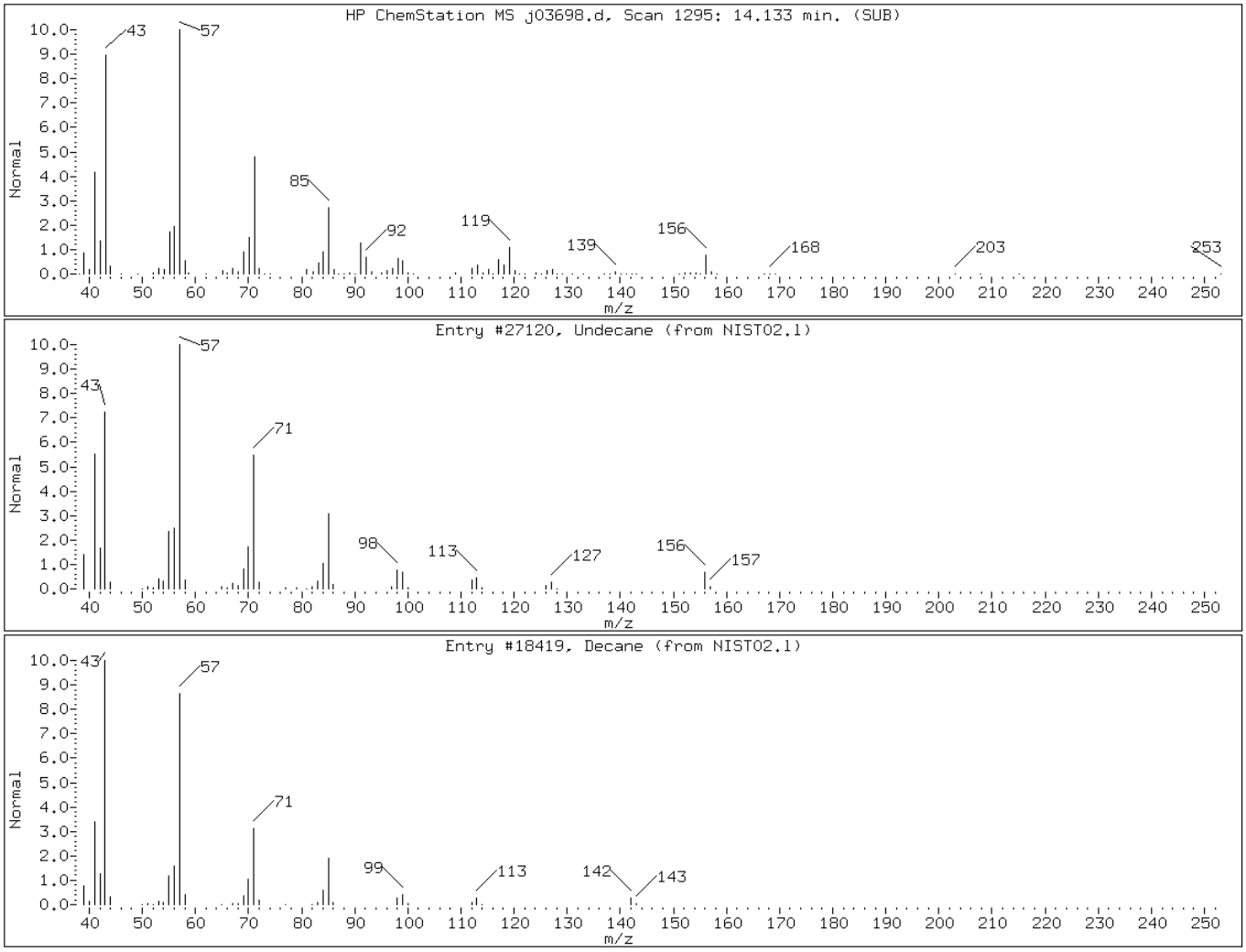
Date: 15-SEP-2011 08:11

Client ID: PMP-24-WT-S (6.5-8. Instrument: VOAMS8.i

Sample Info: 460-30837-C-6-A;50;;5.45;5 Operator:

Retention Time: 14.13

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H24 Alkane-1						
Undecane	1120-21-4	NIST02.l	27120	96	C11H24	156
Decane	124-18-5	NIST02.l	18419	80	C10H22	142



Data File: j03698.d

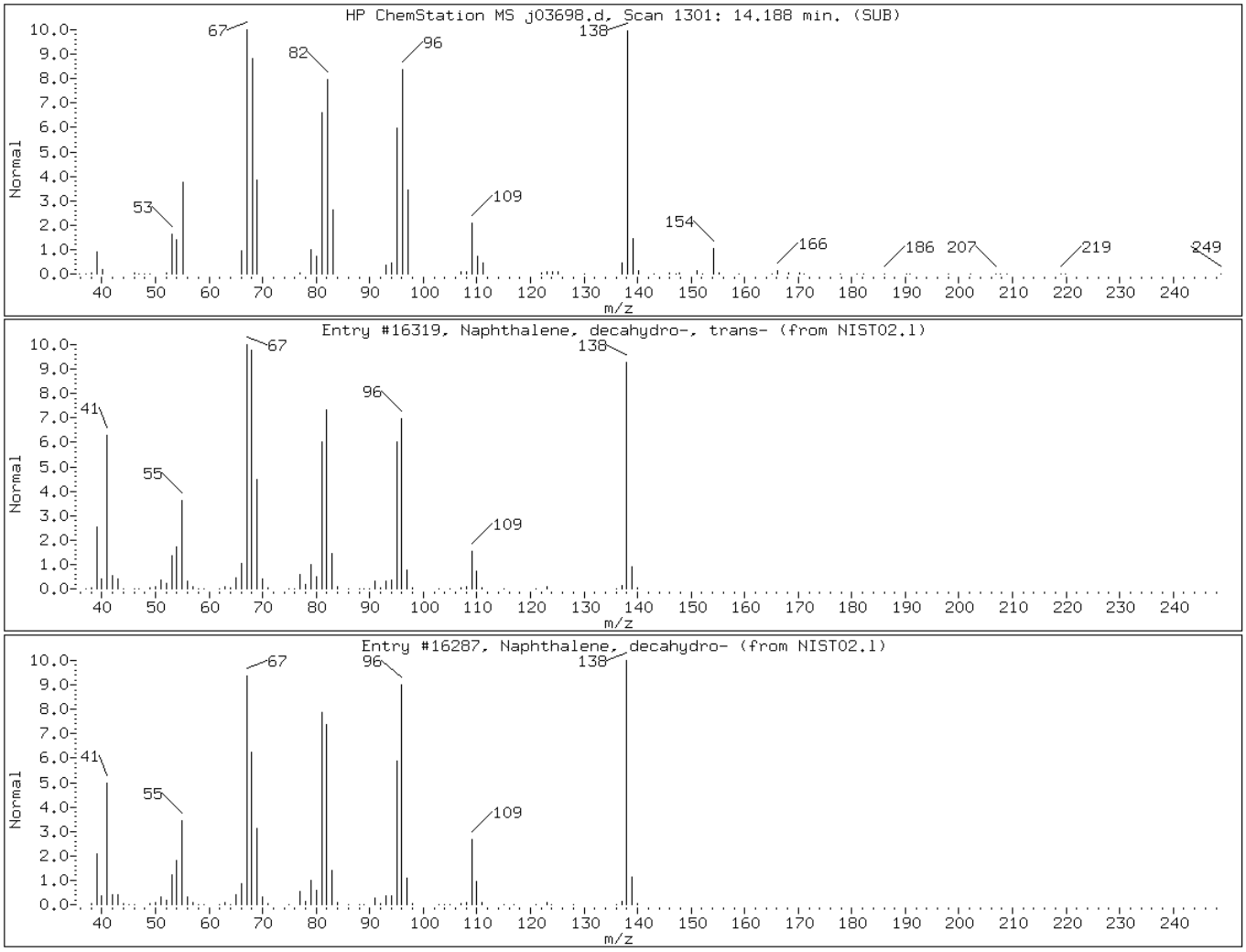
Date: 15-SEP-2011 08:11

Client ID: PMP-24-WT-S (6.5-8. Instrument: VOAMS8.i

Sample Info: 460-30837-C-6-A;50;;5.45;5 Operator:

Retention Time: 14.19

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydronaphthalene isomer						
Naphthalene, decahydro-, trans-	493-02-7	NIST02.l	16319	97	C10H18	138
Naphthalene, decahydro-	91-17-8	NIST02.l	16287	96	C10H18	138



Data File: j03698.d

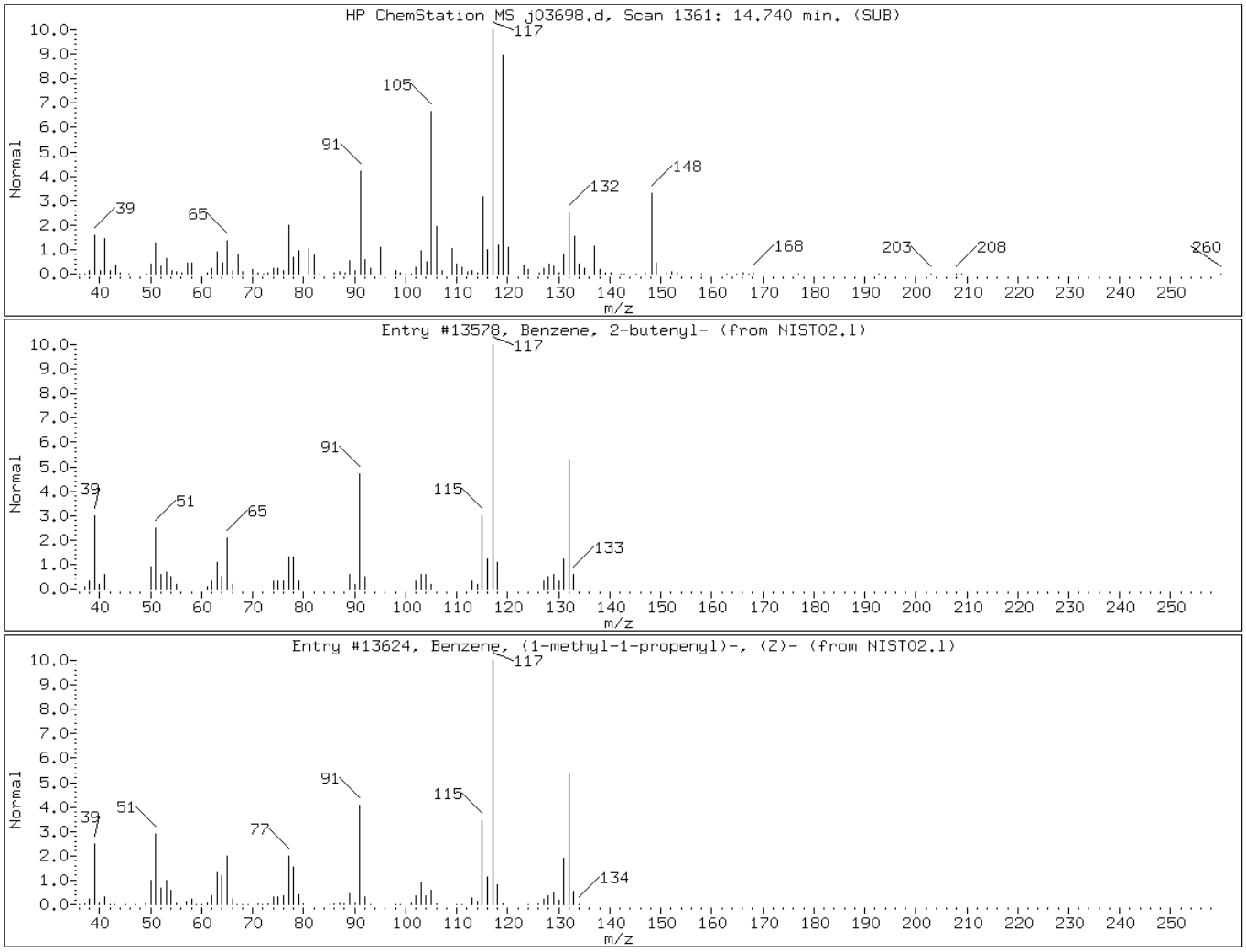
Date: 15-SEP-2011 08:11

Client ID: PMP-24-WT-S (6.5-8. Instrument: VOAMS8.i

Sample Info: 460-30837-C-6-A;50;;5.45;5 Operator:

Retention Time: 14.74

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Coeluting Aromatics						
Benzene, 2-butenyl-	1560-06-1	NIST02.l	13578	52	C10H12	132
Benzene, (1-methyl-1-propenyl)-, (	767-99-7	NIST02.l	13624	46	C10H12	132



Data File: j03698.d

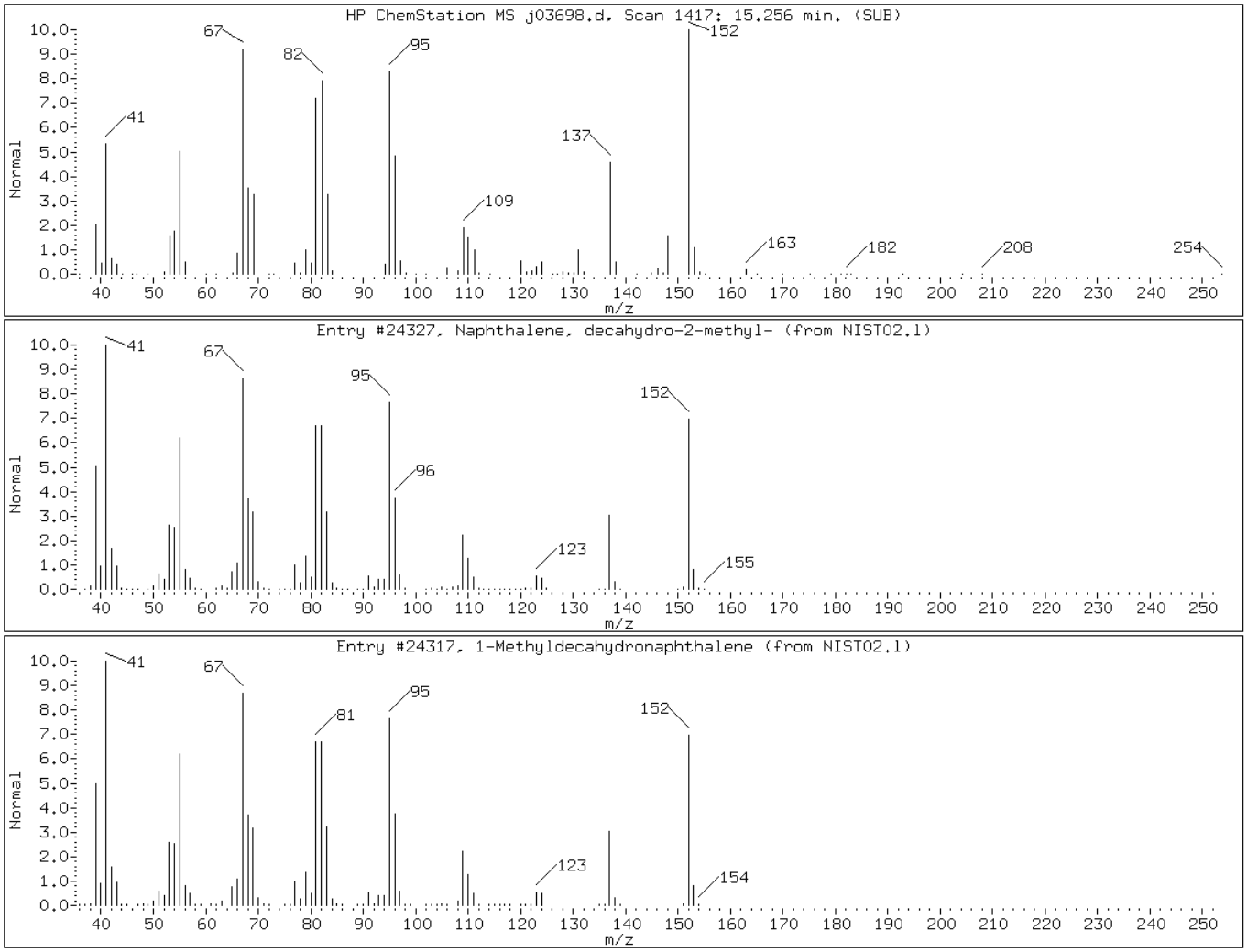
Date: 15-SEP-2011 08:11

Client ID: PMP-24-WT-S (6.5-8. Instrument: VOAMS8.i

Sample Info: 460-30837-C-6-A;50;;5.45;5 Operator:

Retention Time: 15.26

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer-						
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24327	80	C11H20	152
1-Methyldecahydronaphthalene	2958-75-0	NIST02.l	24317	80	C11H20	152



Data File: j03698.d

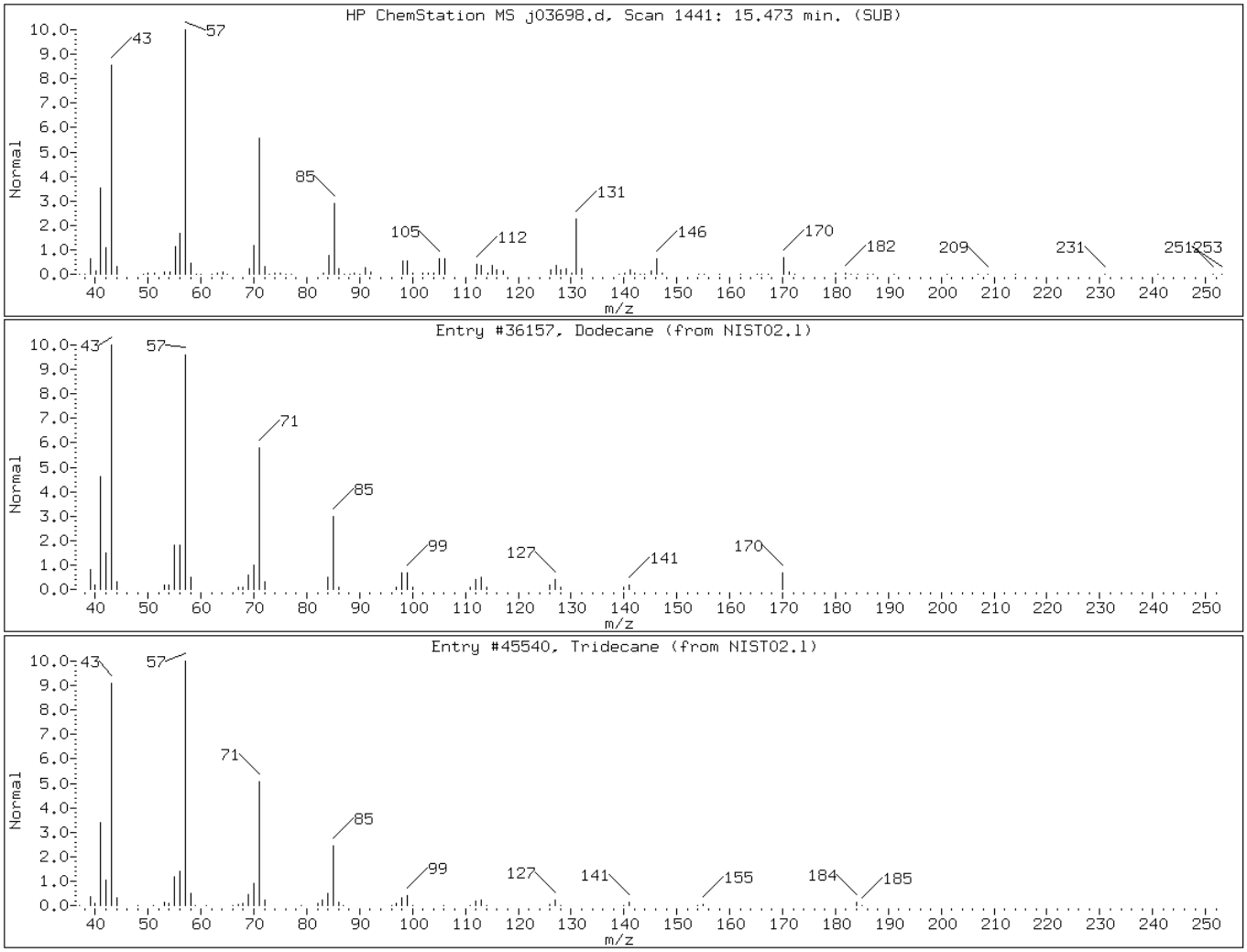
Date: 15-SEP-2011 08:11

Client ID: PMP-24-WT-S (6.5-8. Instrument: VOAMS8.i

Sample Info: 460-30837-C-6-A;50;;5.45;5 Operator:

Retention Time: 15.47

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C12H26 Alkane/C11H14 Aromatic						
Dodecane	112-40-3	NIST02.l	36157	96	C12H26	170
Tridecane	629-50-5	NIST02.l	45540	58	C13H28	184



Data File: j03698.d

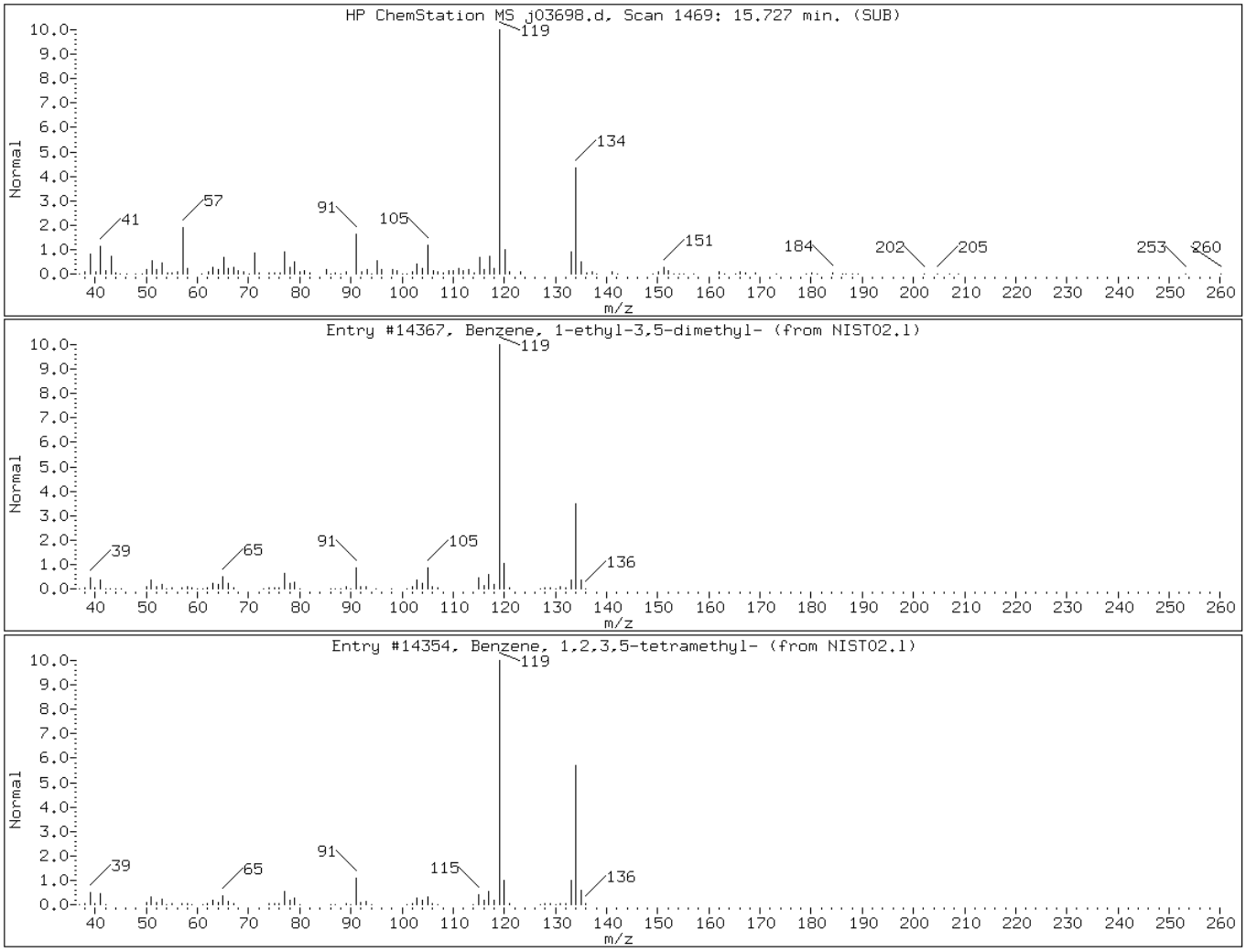
Date: 15-SEP-2011 08:11

Client ID: PMP-24-WT-S (6.5-8. Instrument: VOAMS8.i

Sample Info: 460-30837-C-6-A;50;;5.45;5 Operator:

Retention Time: 15.73

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H14 Aromatic-4						
Benzene, 1-ethyl-3,5-dimethyl-	934-74-7	NIST02.l	14367	95	C10H14	134
Benzene, 1,2,3,5-tetramethyl-	527-53-7	NIST02.l	14354	94	C10H14	134



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-24-SI-S (10.5-12.5) | Lab Sample ID: 460-30837-7

Matrix: Solid | Lab File ID: j03702.d

Analysis Method: 8260B | Date Collected: 09/08/2011 17:05

Sample wt/vol: 6.01(g) | Date Analyzed: 09/15/2011 10:02

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 13.4 | Level: (low/med) Medium

Analysis Batch No.: 86112 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	48	U	48	10
74-83-9	Bromomethane	48	U	48	15
75-01-4	Vinyl chloride	48	U	48	5.8
75-00-3	Chloroethane	48	U	48	21
75-09-2	Methylene Chloride	48	U	48	9.3
67-64-1	Acetone	480	U	480	120
75-15-0	Carbon disulfide	26	J *	48	7.0
75-69-4	Trichlorofluoromethane	48	U	48	7.5
75-35-4	1,1-Dichloroethene	48	U	48	6.8
75-34-3	1,1-Dichloroethane	48	U	48	4.8
156-60-5	trans-1,2-Dichloroethene	48	U	48	6.6
156-59-2	cis-1,2-Dichloroethene	200		48	9.3
67-66-3	Chloroform	33	J	48	7.4
78-93-3	2-Butanone	480	U	480	39
107-06-2	1,2-Dichloroethane	48	U	48	12
71-55-6	1,1,1-Trichloroethane	48	U	48	12
56-23-5	Carbon tetrachloride	48	U	48	8.7
71-43-2	Benzene	48	U	48	5.7
75-25-2	Bromoform	48	U	48	4.8
100-42-5	Styrene	770		48	6.7
100-41-4	Ethylbenzene	4800		48	12
108-90-7	Chlorobenzene	480		48	7.9
110-82-7	Cyclohexane	48	U	48	6.0
98-82-8	Isopropylbenzene	860		48	10
591-78-6	2-Hexanone	480	U	480	26
1634-04-4	MTBE	48	U	48	8.9
76-13-1	Freon TF	37	J	48	14
79-20-9	Methyl acetate	96	U	96	16
123-91-1	1,4-Dioxane	2400	U	2400	410
79-01-6	Trichloroethene	1800		48	8.5
108-88-3	Toluene	1000		48	4.5
10061-02-6	trans-1,3-Dichloropropene	48	U	48	5.9
108-10-1	4-Methyl-2-pentanone	480	U	480	33
10061-01-5	cis-1,3-Dichloropropene	48	U	48	4.9
95-50-1	1,2-Dichlorobenzene	1600		48	7.8
541-73-1	1,3-Dichlorobenzene	25	J	48	11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-24-SI-S (10.5-12.5) Lab Sample ID: 460-30837-7

Matrix: Solid Lab File ID: j03702.d

Analysis Method: 8260B Date Collected: 09/08/2011 17:05

Sample wt/vol: 6.01(g) Date Analyzed: 09/15/2011 10:02

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.53(mm)

% Moisture: 13.4 Level: (low/med) Medium

Analysis Batch No.: 86112 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	170		48	7.2
120-82-1	1,2,4-Trichlorobenzene	12000		48	21
87-61-6	1,2,3-Trichlorobenzene	1700		48	40
78-87-5	1,2-Dichloropropane	48	U	48	4.2
108-87-2	Methylcyclohexane	970		48	3.8
127-18-4	Tetrachloroethene	570		48	9.4
1330-20-7	Xylenes, Total	15000		140	21
96-12-8	1,2-Dibromo-3-Chloropropane	48	U	48	7.4
79-34-5	1,1,2,2-Tetrachloroethane	48	U	48	4.1
79-00-5	1,1,2-Trichloroethane	48	U	48	4.7
124-48-1	Dibromochloromethane	48	U	48	4.8
106-93-4	1,2-Dibromoethane	48	U	48	4.4
75-71-8	Dichlorodifluoromethane	48	U	48	14
74-97-5	Bromochloromethane	48	U	48	8.3
75-27-4	Bromodichloromethane	48	U	48	4.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		57-135
2037-26-5	Toluene-d8 (Surr)	110		46-130
460-00-4	Bromofluorobenzene	109		50-124

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-24-SI-S (10.5-12.5) Lab Sample ID: 460-30837-7

Matrix: Solid Lab File ID: j03702.d

Analysis Method: 8260B Date Collected: 09/08/2011 17:05

Sample wt/vol: 6.01(g) Date Analyzed: 09/15/2011 10:02

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.53(mm)

% Moisture: 13.4 Level: (low/med) Medium

Analysis Batch No.: 86112 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 99900

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C9H18 Cycloalkane-2	12.20	7000	J
	C10H22 Alkane/C9H12 Aromatic	12.86	17000	J
95-63-6	1,2,4-Trimethylbenzene	13.33	15000	
	C9H12 Aromatic-2	13.81	6300	J
	C10H14 Aromatic-1	14.08	11000	J
	Decahydronaphthalene isomer	14.18	7400	J
	Coeluting Aromatics	14.72	11000	J
	Decahydromethylnaphthalene isomer-1	15.23	7100	J
	C10H14 Aromatic-6	15.72	9100	J
91-20-3	Naphthalene	16.83	9000	

Data File: /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03702.d
Report Date: 21-Sep-2011 18:14

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03702.d
Lab Smp Id: 460-30837-C-7-A Client Smp ID: PMP-24-SI-S (10.5-1
Inj Date : 15-SEP-2011 10:02
Operator : Inst ID: VOAMS8.i
Smp Info : 460-30837-C-7-A;50;;6.01;5
Misc Info : 460-30837-C-7-A
Comment   :
Method   : /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/8260_09.m
Meth Date : 15-Sep-2011 04:53 audberto Quant Type: ISTD
Cal Date : 14-SEP-2011 06:22 Cal File: j03643.d
Als bottle: 13
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	13.43284	% 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	4.327	4.318	(0.549)	19754	0.77627	37(a)
	18 Carbon Disulfide	76	4.610	4.592	(0.585)	22979	0.54728	26(a)
	36 cis-1,2-Dichloroethene	96	6.404	6.391	(0.813)	72924	4.14431	200
	42 Chloroform	83	6.805	6.777	(0.864)	22711	0.68174	33(a)
$	47 1,2-Dichloroethane-d4 (SUR)	65	7.473	7.452	(0.949)	755993	53.6711	2600
*	52 Fluorobenzene	96	7.876	7.862	(1.000)	2364930	50.0000	
	54 Trichloroethene	95	8.324	8.304	(1.057)	732609	38.4282	1800
	56 Methyl cyclohexane	83	8.552	8.549	(1.086)	247203	20.1807	970
$	65 Toluene-d8 (SUR)	98	9.740	9.730	(0.860)	2120892	54.8495	2600
	66 Toluene	91	9.813	9.804	(0.866)	1076969	21.3729	1000
	71 Tetrachloroethene	166	10.434	10.425	(0.921)	203763	11.8870	570
*	78 Chlorobenzene-d5	117	11.327	11.328	(1.000)	1714455	50.0000	
	79 Chlorobenzene	112	11.363	11.365	(1.003)	348705	10.0376	480
	81 Ethylbenzene	106	11.446	11.448	(1.011)	1402494	99.1269	4800

Data File: /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03702.d
Report Date: 21-Sep-2011 18:14

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	82 m+p-Xylene	106	11.564	11.568	(1.021)	4091806	215.582	10000
	84 o-Xylene	106	11.978	11.984	(1.057)	1938169	102.538	4900
	85 Styrene	104	11.986	11.993	(1.058)	539061	16.0786	770
	88 Isopropylbenzene	105	12.340	12.338	(1.089)	769495	17.8264	860
$	89 Bromofluorobenzene (SUR)	174	12.524	12.529	(0.910)	941039	54.3640	2600
	95 n-Propylbenzene	91	12.754	12.760	(0.927)	961593	20.9008	1000
	97 1,3,5-Trimethylbenzene	105	12.920	12.920	(0.939)	2728674	85.8624	4100
	101 1,2,4-Trimethylbenzene	105	13.333	13.332	(0.969)	10438266	310.555	15000
	103 sec-Butylbenzene	105	13.517	13.524	(0.982)	844707	20.7862	1000
	105 1,3-Dichlorobenzene	146	13.679	13.698	(0.994)	11319	0.51349	25(a)
*	108 1,4-Dichlorobenzene-d4	152	13.762	13.760	(1.000)	767248	50.0000	
	109 1,4-Dichlorobenzene	146	13.790	13.797	(1.002)	98304	3.51203	170
	111 1,2-Dichlorobenzene	146	14.234	14.238	(1.034)	766928	32.2646	1600
	114 1,2,4-Trichlorobenzene	180	16.391	16.393	(1.191)	2814433	241.158	12000
	116 Naphthalene	128	16.834	16.838	(1.223)	3838650	186.999	9000
	117 1,2,3-Trichlorobenzene	180	17.252	17.269	(1.254)	429826	35.3187	1700
M	120 1,2-Dichloroethene (Total)	100				72924	4.22270	200
M	121 Xylene (Total)	100				6029976	318.120	15000

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03702.d
Report Date: 21-Sep-2011 18:14

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03702.d
Lab Smp Id: 460-30837-C-7-A Client Smp ID: PMP-24-SI-S (10.5-1
Inj Date : 15-SEP-2011 10:02
Operator : Inst ID: VOAMS8.i
Smp Info : 460-30837-C-7-A;50;;6.01;5
Misc Info : 460-30837-C-7-A
Comment   :
Method   : /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/8260_09.m
Meth Date : 15-Sep-2011 04:53 audberto Quant Type: ISTD
Cal Date : 14-SEP-2011 06:22 Cal File: j03643.d
Als bottle: 13
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	13.43284	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 78 Chlorobenzene-d5	11.327	6492041	50.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
C9H18 Cycloalkane					CAS #:		
10.778	13977714	107.652681	5200	0		0	78
C9H18 Cycloalkane-1					CAS #:		
11.900	6489175	49.9779174	2400	0		0	78

Data File: /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03702.d
Report Date: 21-Sep-2011 18:14

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
C9H18 Cycloalkane-2					CAS #:		
12.195	18941243	145.880480	7000	0		0	78
C10H22 Alkane/C9H12 Aromatic					CAS #:		
12.865	46278153	356.422177	17000	0		0	78(L)
C9H12 Aromatic-1					CAS #:		
13.158	12125556	93.3878444	4500	0		0	78
C10H20 Cycloalkane/C10H14 Aromatic					CAS #:		
13.572	16810531	129.470296	6200	0		0	78(L)
C9H12 Aromatic-2					CAS #:		
13.807	17009756	131.004671	6300	0		0	78(L)
C10H14 Aromatic-1					CAS #:		
14.081	28748513	221.413492	11000	0		0	78
Decahydronaphthalene isomer					CAS #:		
14.179	19981243	153.890282	7400	0		0	78(L)
C9H8 Aromatic/C10H14 aromatic-1					CAS #:		
14.333	6785896	52.2631895	2500	0		0	78
C10H14 Aromatic-2					CAS #:		
14.444	14674979	113.022830	5400	0		0	78
C10H14 Aromatic-3					CAS #:		
14.534	14146297	108.951059	5200	0		0	78
Coeluting Aromatics					CAS #:		
14.718	29320037	225.815223	11000	0		0	78
Decahydromethylnaphthalene isomer					CAS #:		
14.948	14166396	109.105861	5200	0		0	78
C10H14 Aromatic-4					CAS #:		
15.040	7663182	59.0198178	2800	0		0	78
C10H14 Aromatic-5					CAS #:		
15.114	9105659	70.1293905	3400	0		0	78
Decahydromethylnaphthalene isomer-1					CAS #:		
15.233	19148753	147.478664	7100	0		0	78

Data File: /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03702.d
Report Date: 21-Sep-2011 18:14

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
C12H26 Alkane/C11H14 Aromatic					CAS #:		
15.443	7145180	55.0302959	2600	0		0	78
C10H14 Aromatic-6					CAS #:		
15.720	24555504	189.120039	9100	0		0	78
C11H14 Aromatic-1/C11H16 Aromatic					CAS #:		
16.215	14396249	110.876131	5300	0		0	78

QC Flag Legend

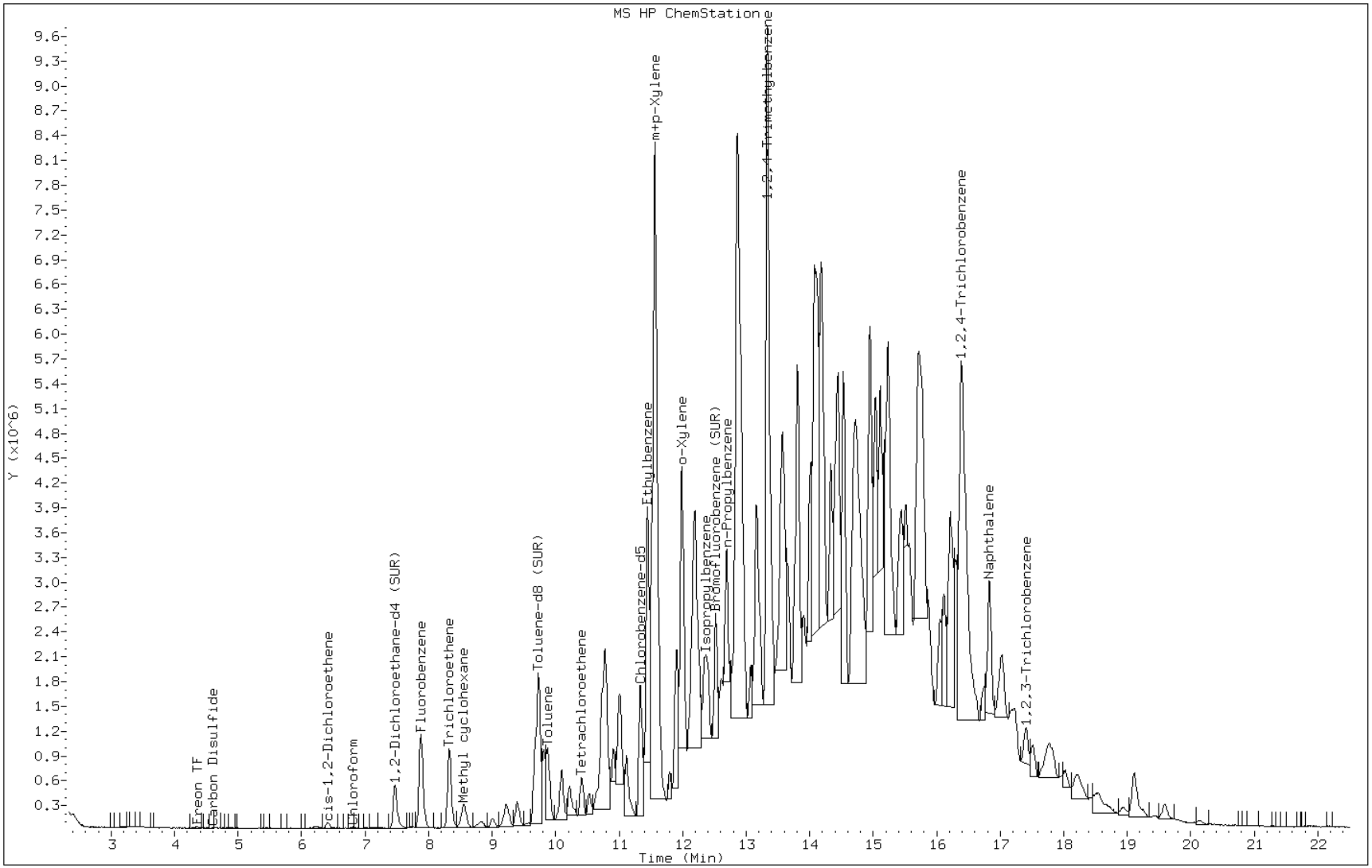
L - Operator selected an alternate library search match.

Data File: j03702.d

Date: 15-SEP-2011 10:02

Client ID: PMP-24-SI-S (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-30837-C-7-A;50;;6.01;5 Operator:



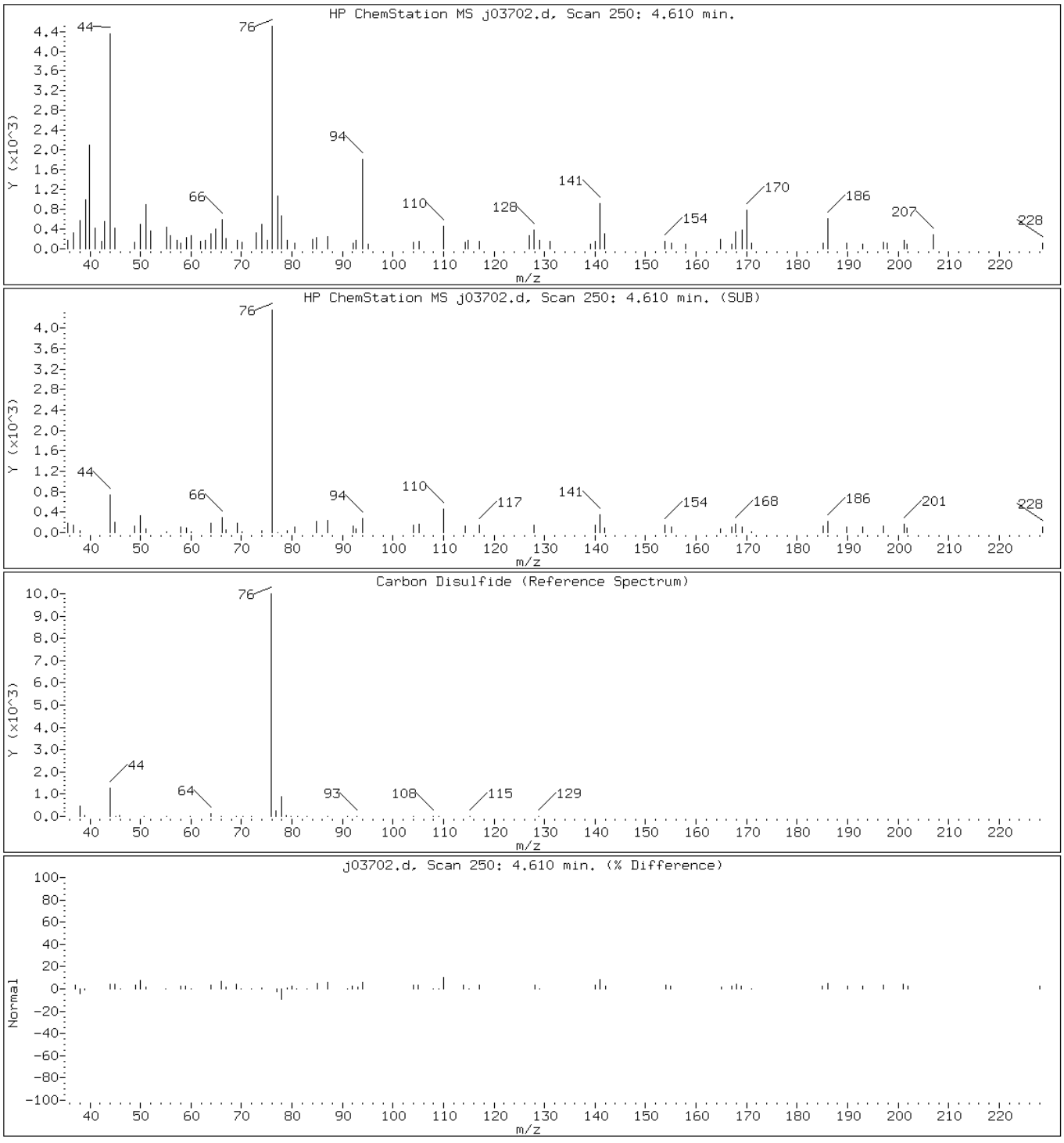
Data File: j03702.d

Date: 15-SEP-2011 10:02

Client ID: PMP-24-SI-S (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-30837-C-7-A;50;;6.01;5 Operator:

18 Carbon Disulfide



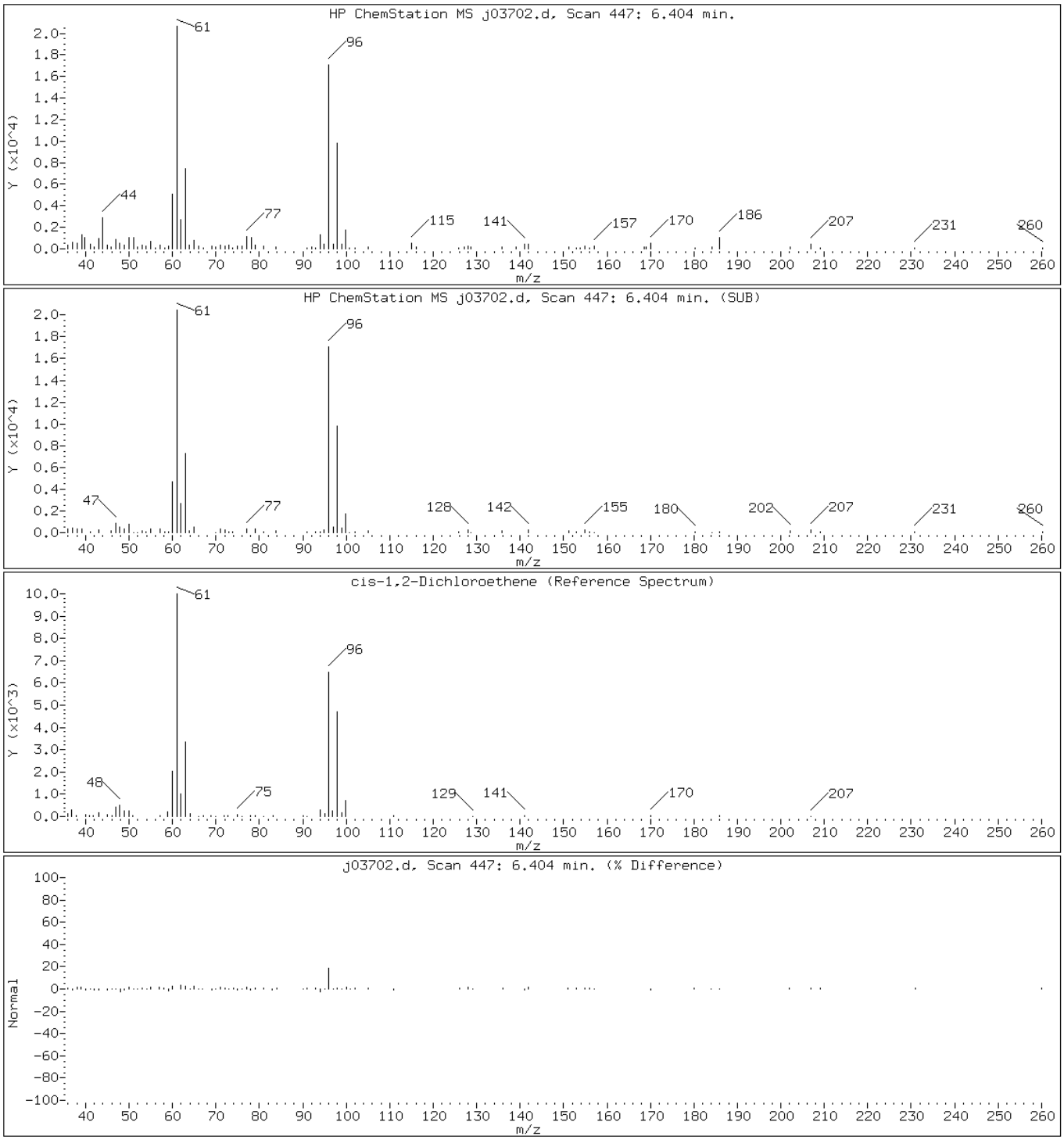
Data File: j03702.d

Date: 15-SEP-2011 10:02

Client ID: PMP-24-SI-S (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-30837-C-7-A;50;;6.01;5 Operator:

36 cis-1,2-Dichloroethene



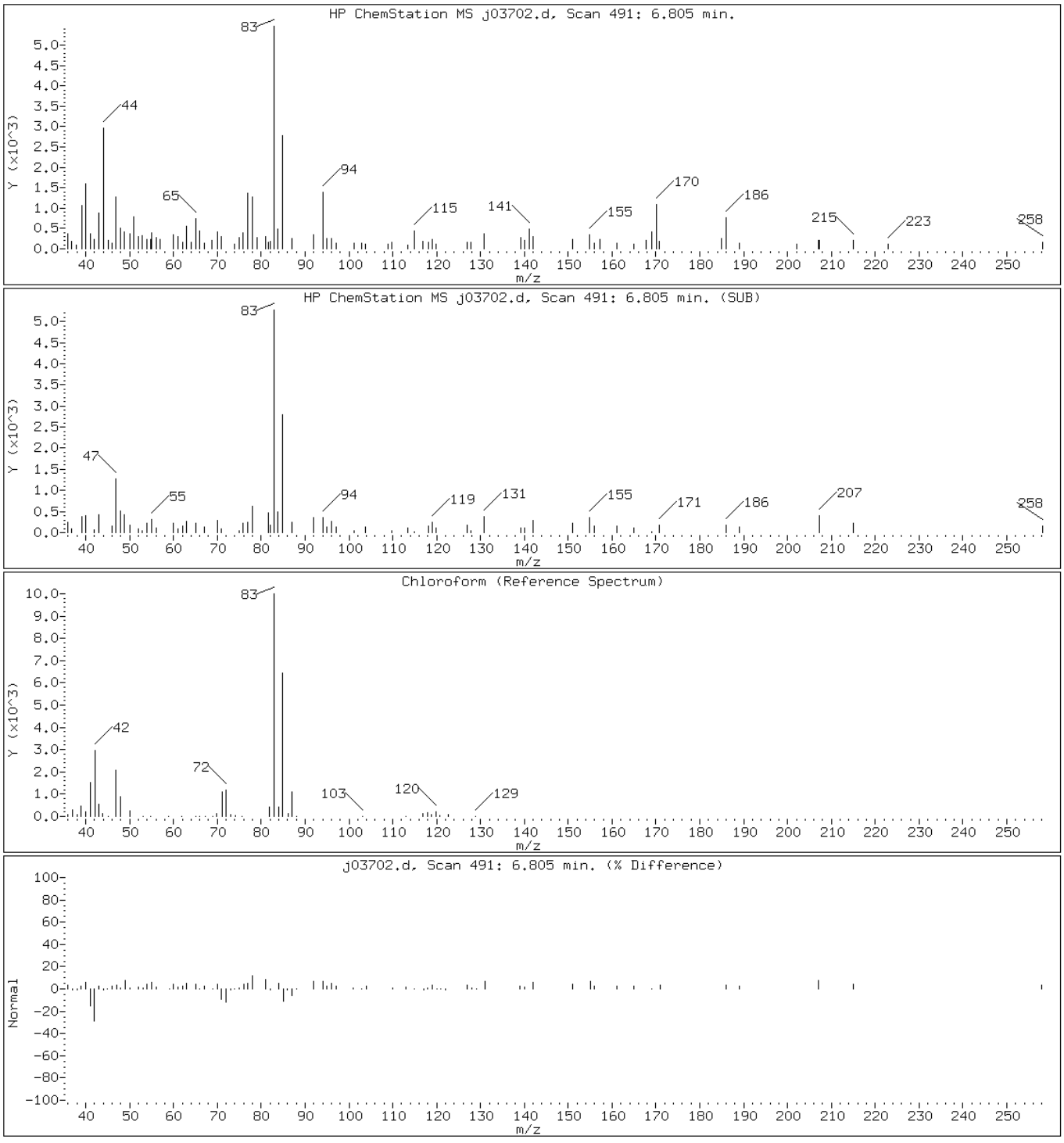
Data File: j03702.d

Date: 15-SEP-2011 10:02

Client ID: PMP-24-SI-S (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-30837-C-7-A;50;;6.01;5 Operator:

42 Chloroform



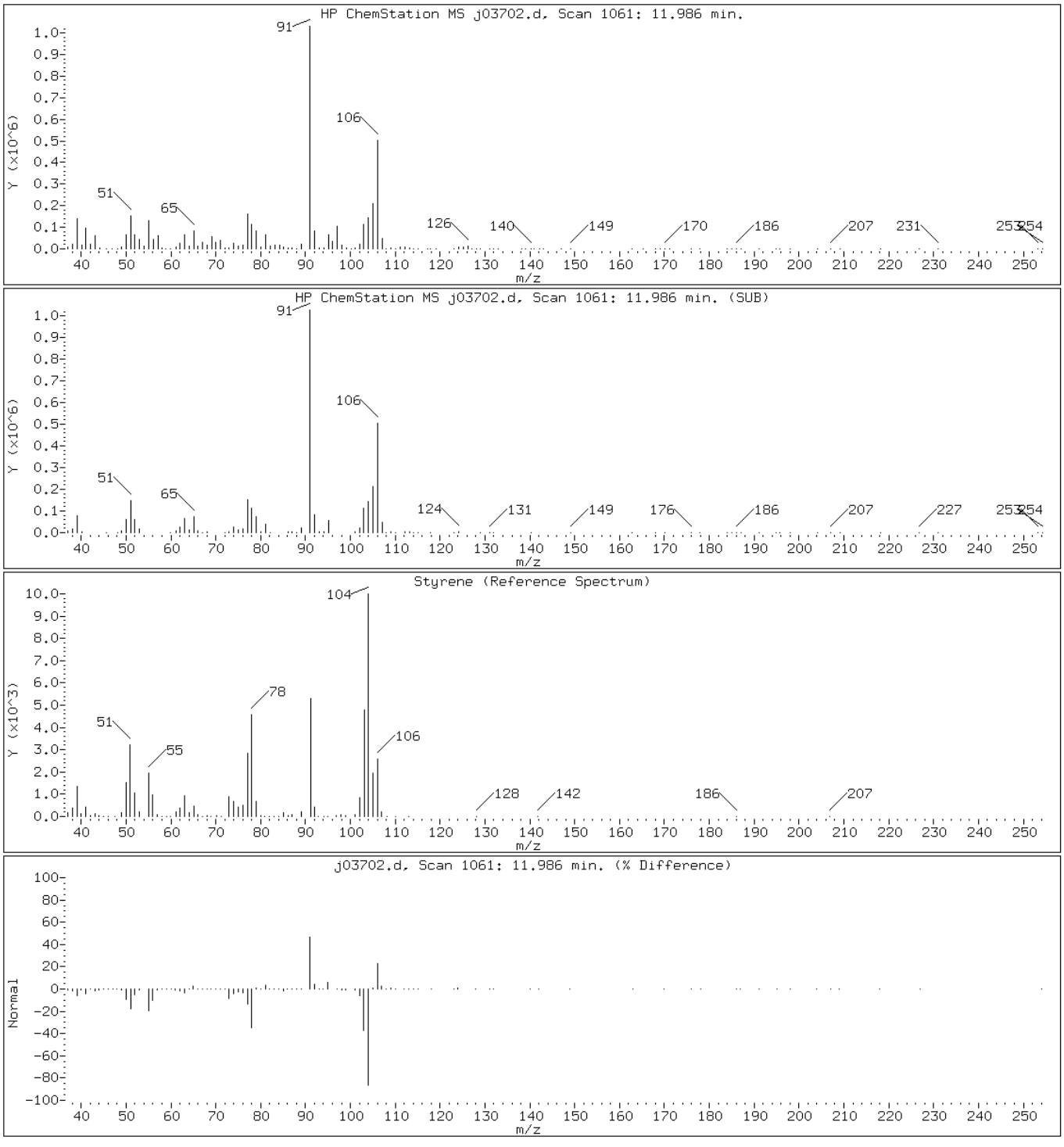
Data File: j03702.d

Date: 15-SEP-2011 10:02

Client ID: PMP-24-SI-S (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-30837-C-7-A;50;;6.01;5 Operator:

85 Styrene



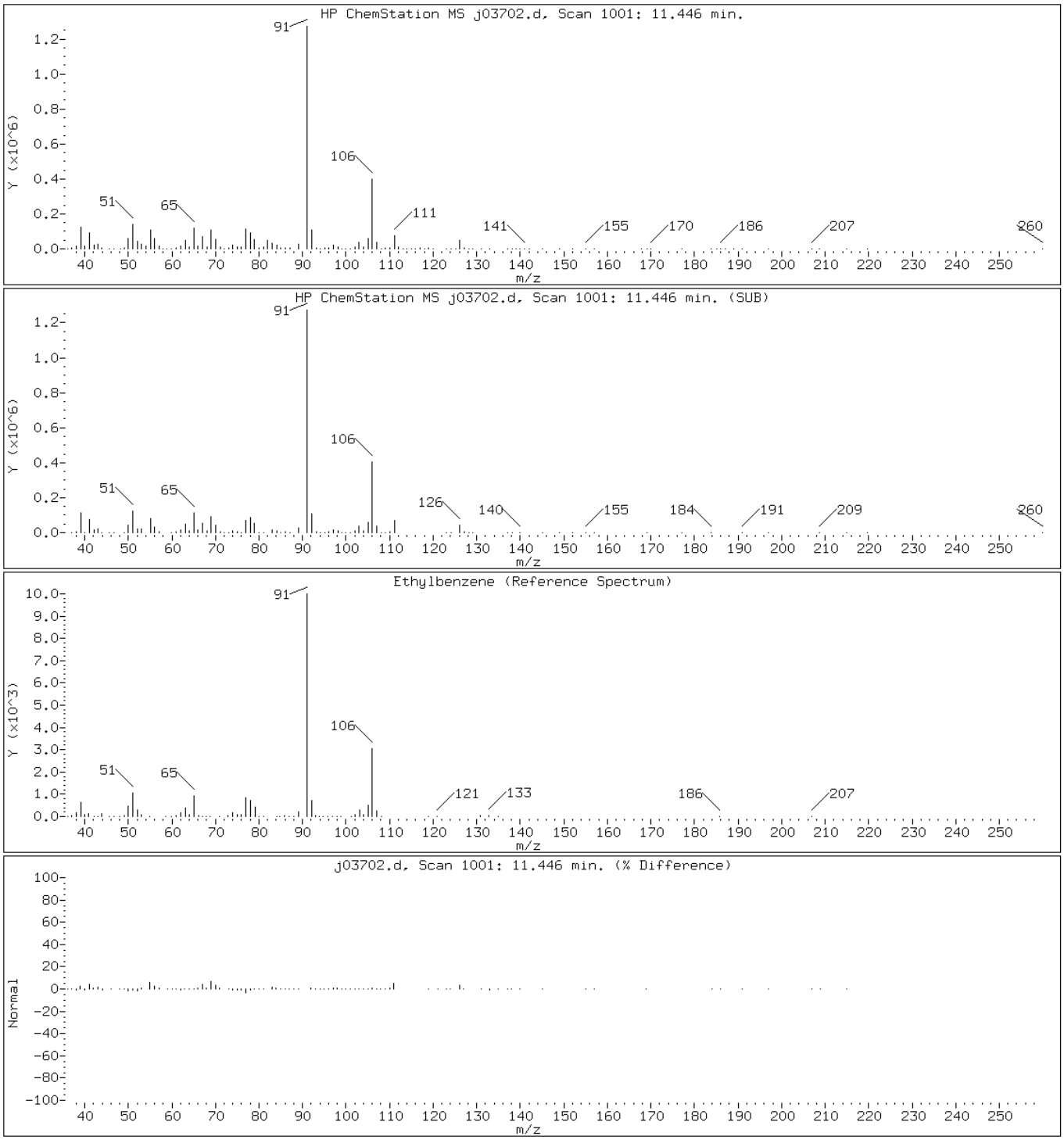
Data File: j03702.d

Date: 15-SEP-2011 10:02

Client ID: PMP-24-SI-S (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-30837-C-7-A;50;;6.01;5 Operator:

81 Ethylbenzene



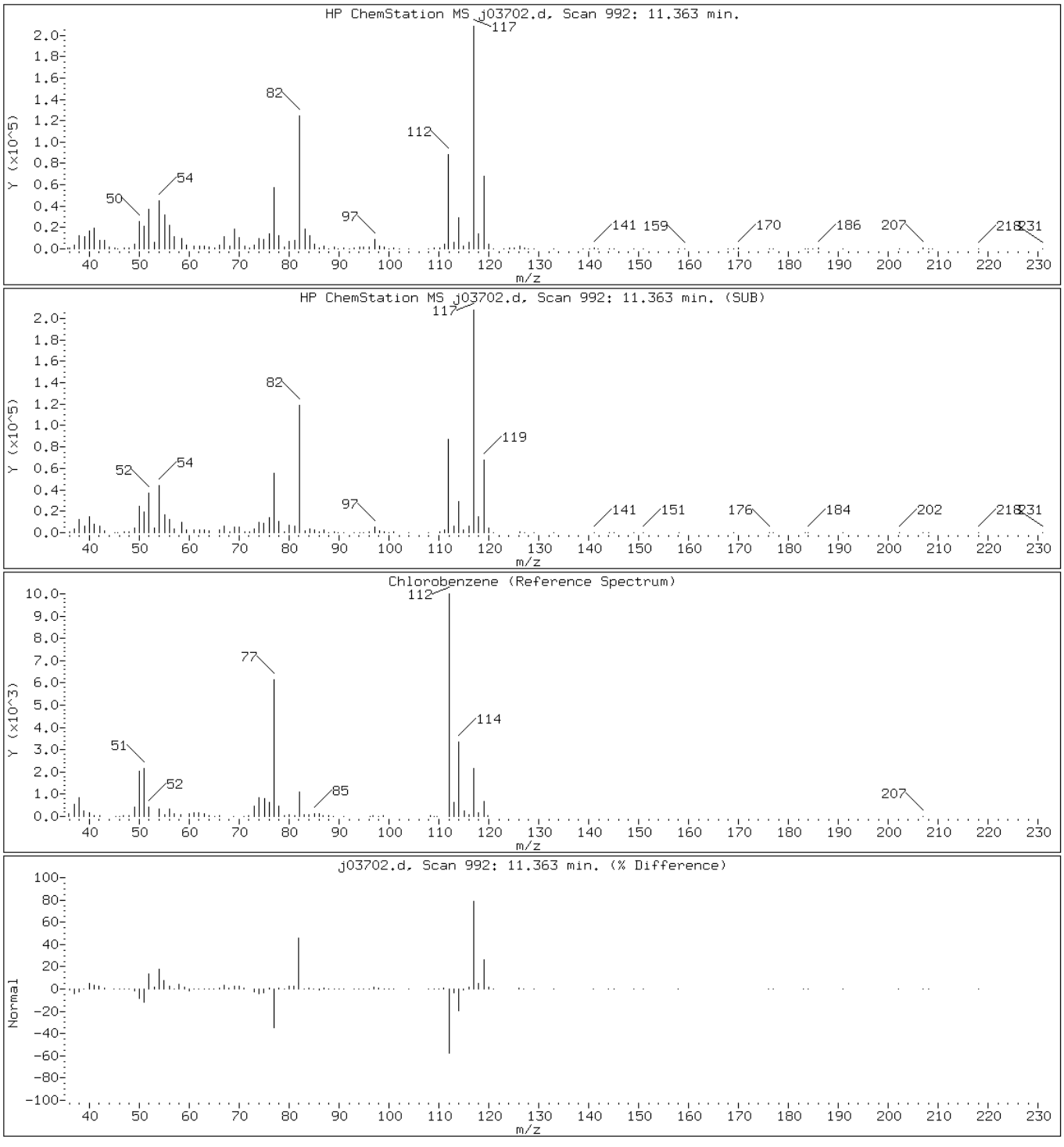
Data File: j03702.d

Date: 15-SEP-2011 10:02

Client ID: PMP-24-SI-S (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-30837-C-7-A;50;;6.01;5 Operator:

79 Chlorobenzene



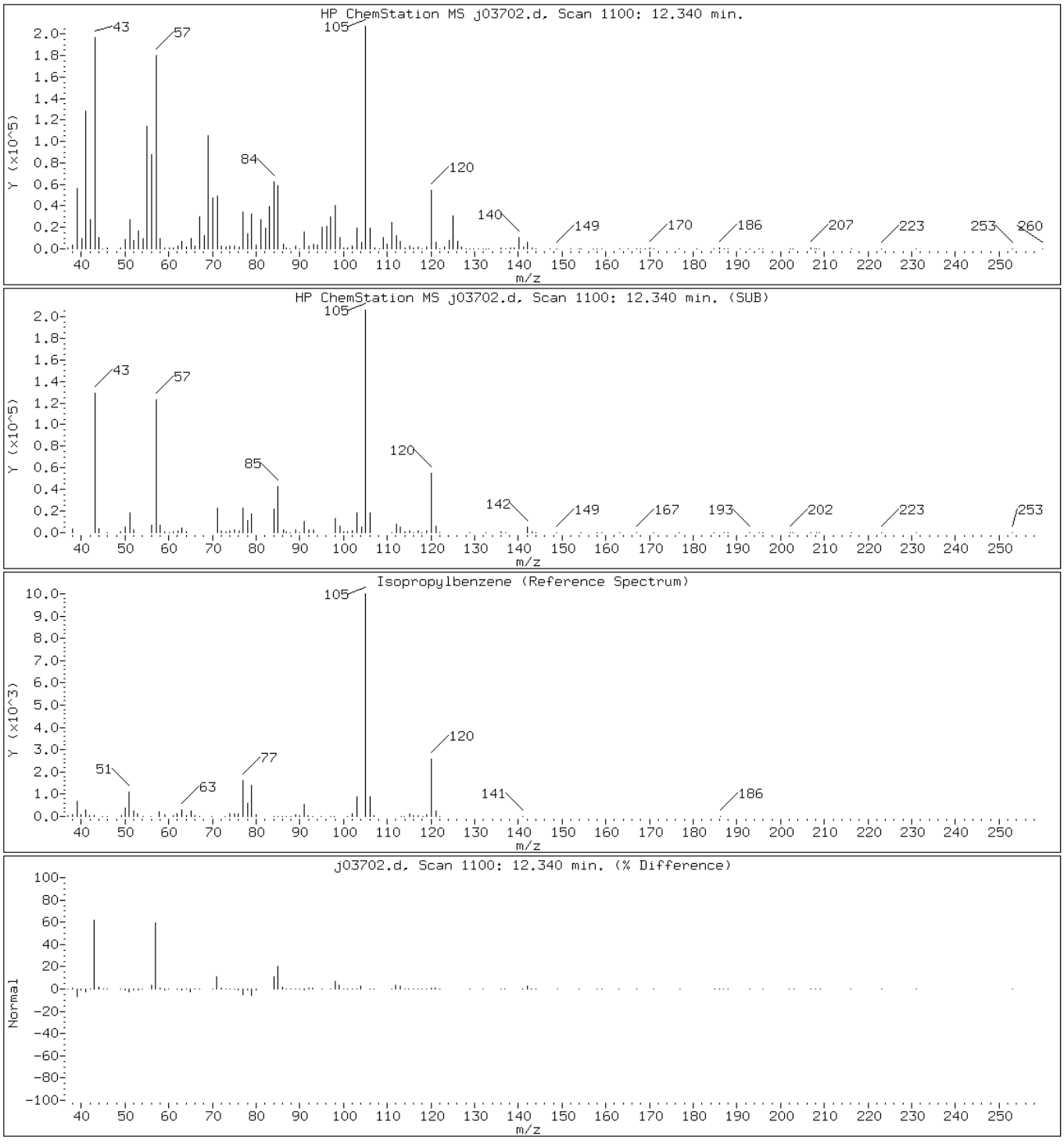
Data File: j03702.d

Date: 15-SEP-2011 10:02

Client ID: PMP-24-SI-S (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-30837-C-7-A;50;;6.01;5 Operator:

88 Isopropylbenzene



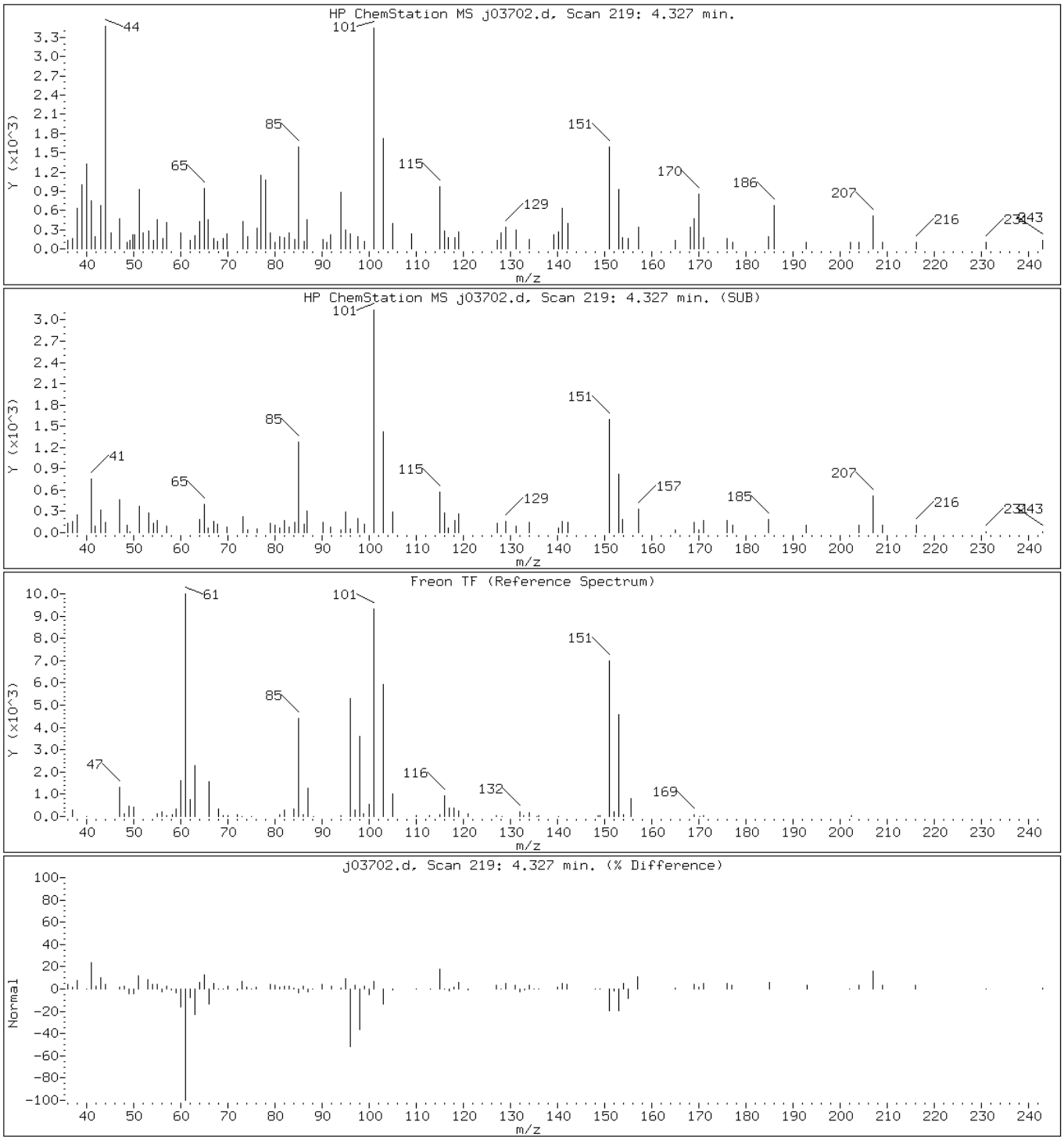
Data File: j03702.d

Date: 15-SEP-2011 10:02

Client ID: PMP-24-SI-S (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-30837-C-7-A;50;;6.01;5 Operator:

14 Freon TF



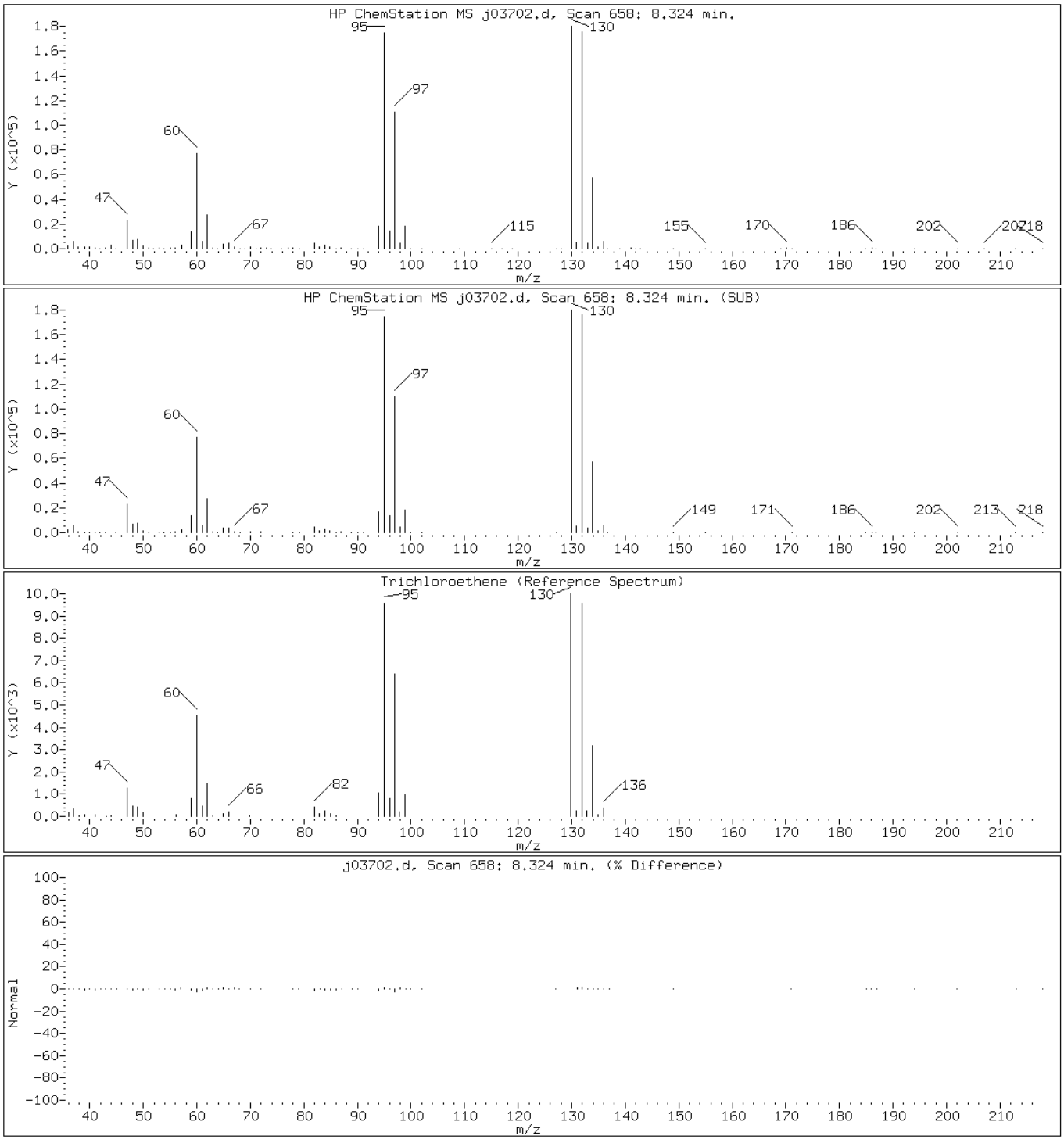
Data File: j03702.d

Date: 15-SEP-2011 10:02

Client ID: PMP-24-SI-S (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-30837-C-7-A;50;;6.01;5 Operator:

54 Trichloroethene



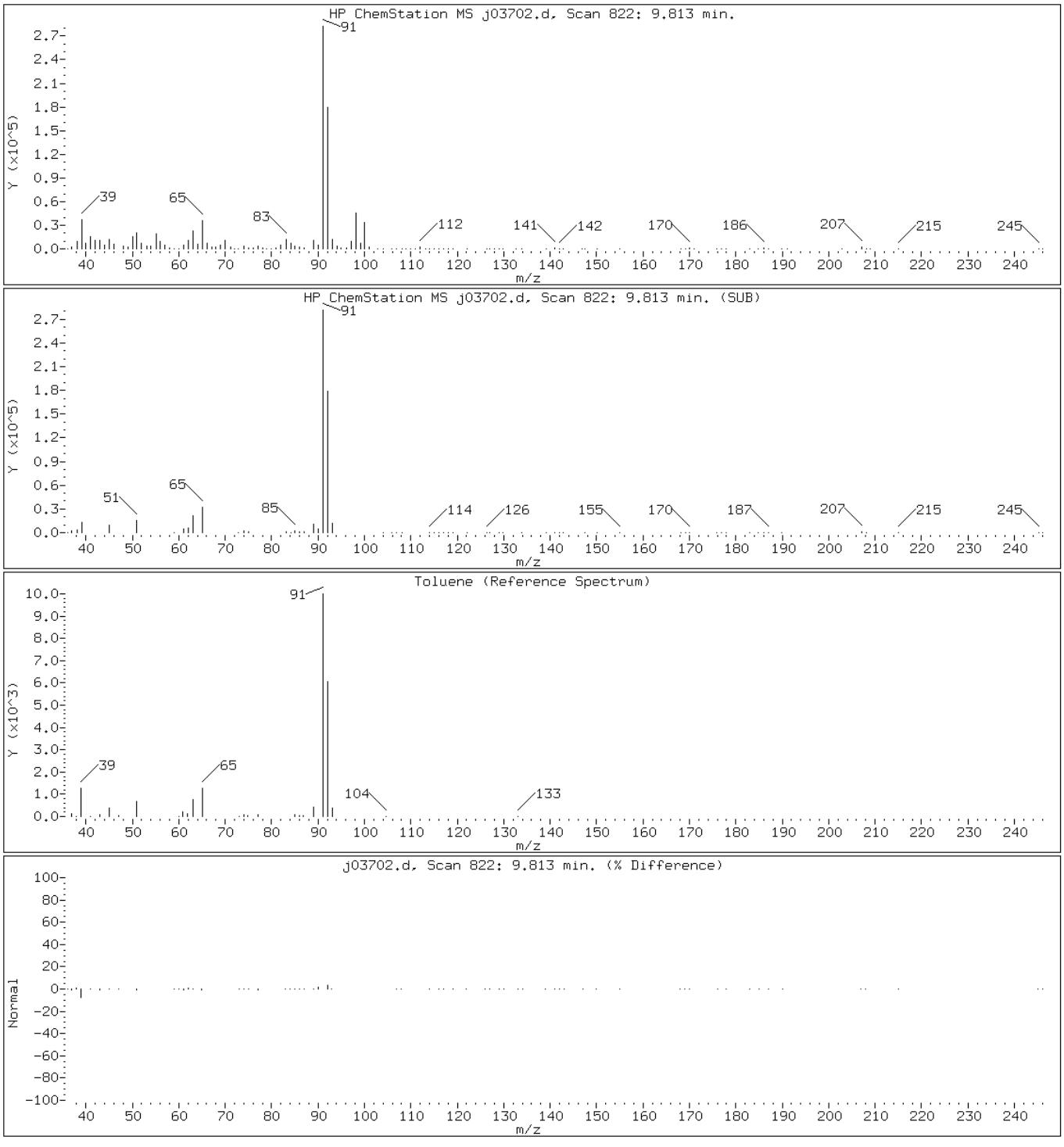
Data File: j03702.d

Date: 15-SEP-2011 10:02

Client ID: PMP-24-SI-S (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-30837-C-7-A;50;;6.01;5 Operator:

66 Toluene



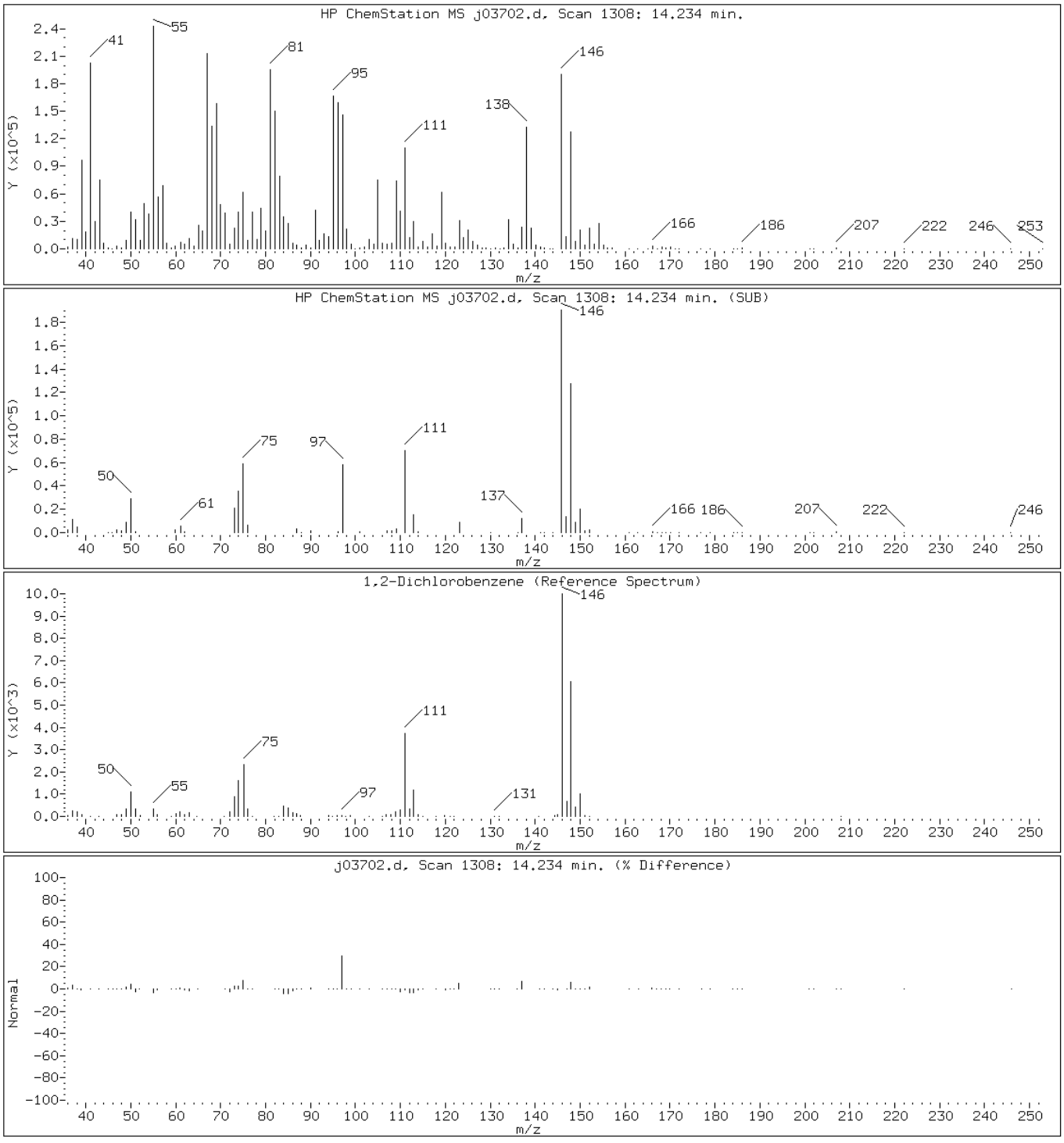
Data File: j03702.d

Date: 15-SEP-2011 10:02

Client ID: PMP-24-SI-S (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-30837-C-7-A;50;;6.01;5 Operator:

111 1,2-Dichlorobenzene



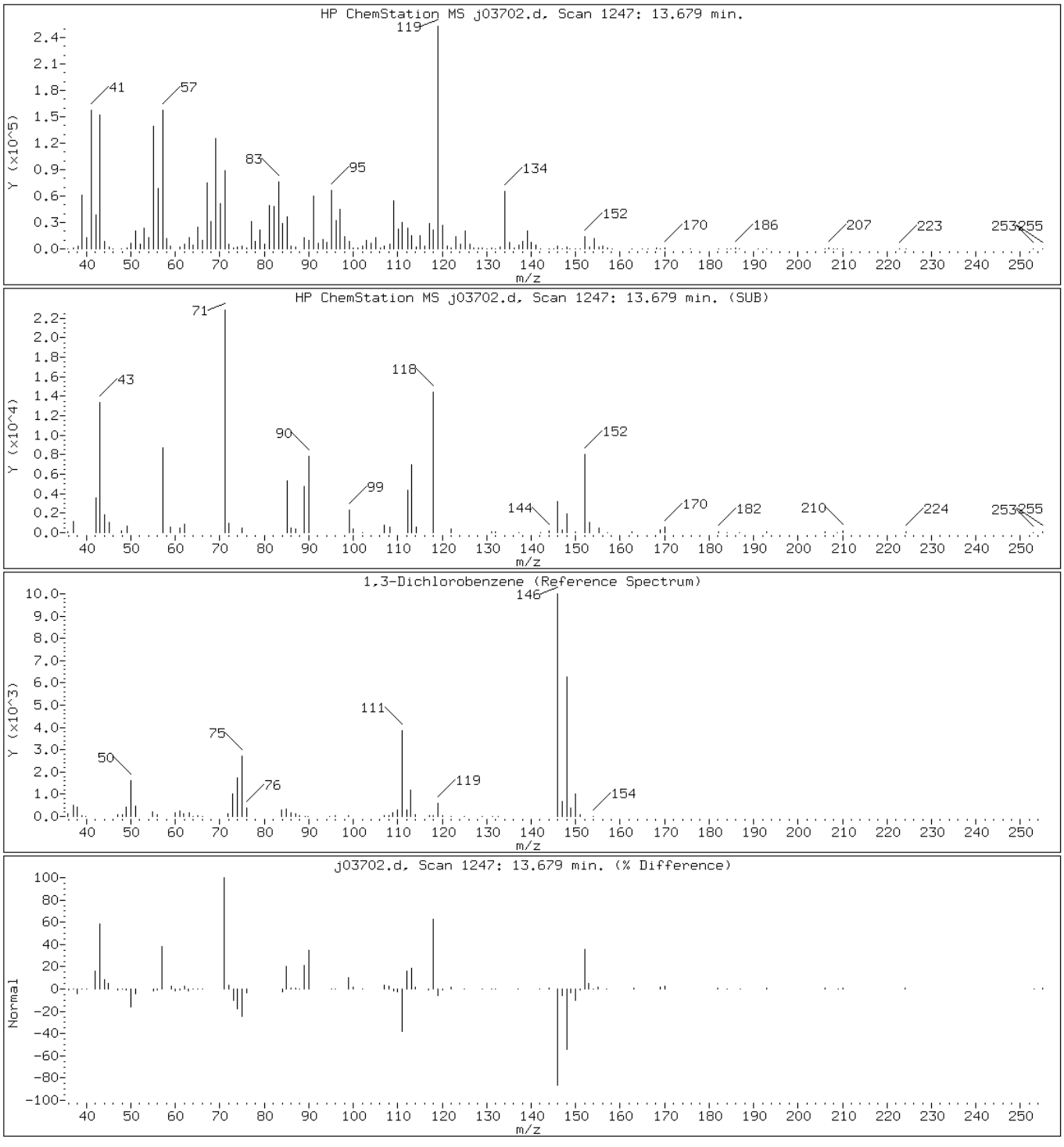
Data File: j03702.d

Date: 15-SEP-2011 10:02

Client ID: PMP-24-SI-S (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-30837-C-7-A;50;;6.01;5 Operator:

105 1,3-Dichlorobenzene



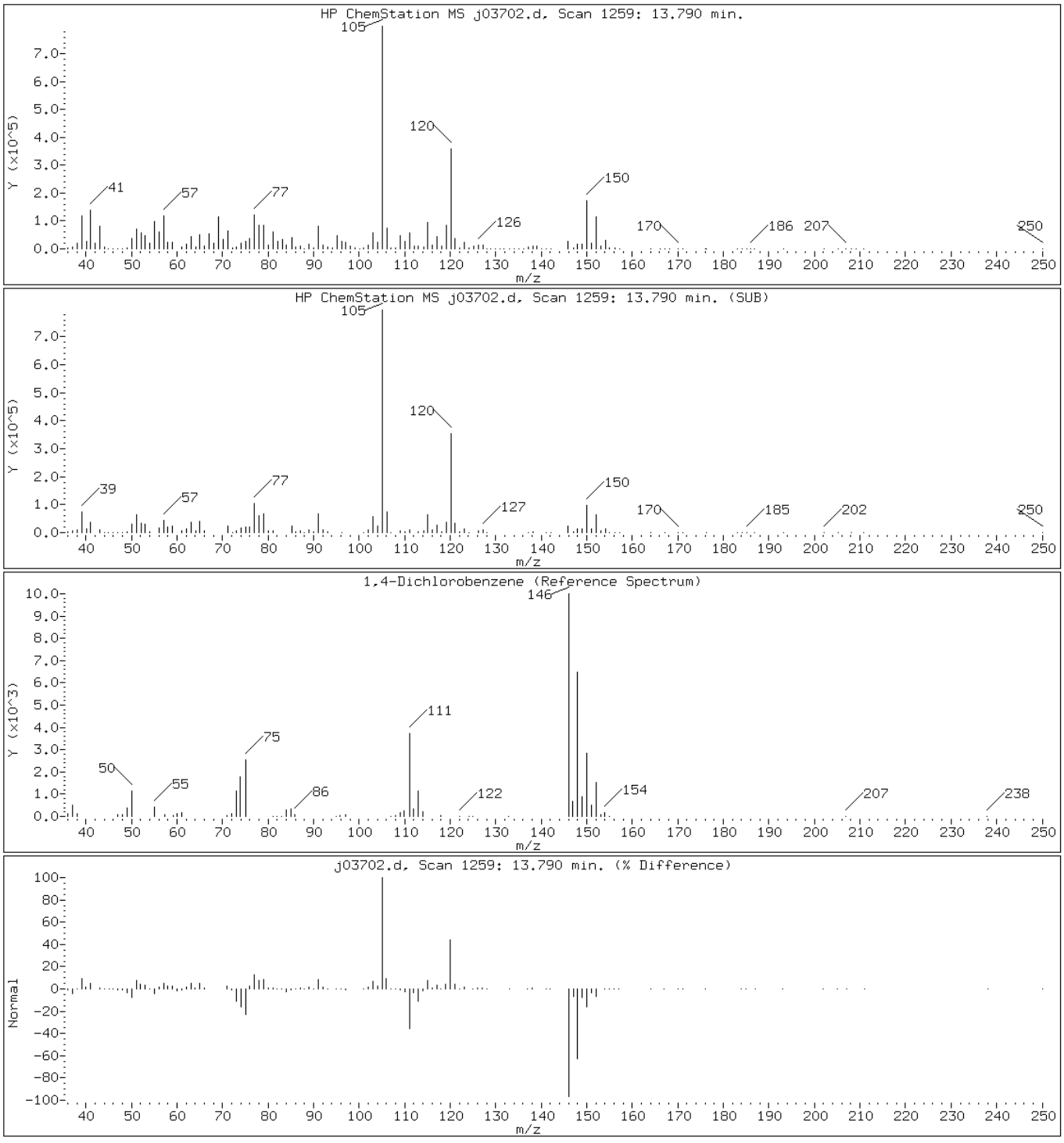
Data File: j03702.d

Date: 15-SEP-2011 10:02

Client ID: PMP-24-SI-S (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-30837-C-7-A;50;;6.01;5 Operator:

109 1,4-Dichlorobenzene



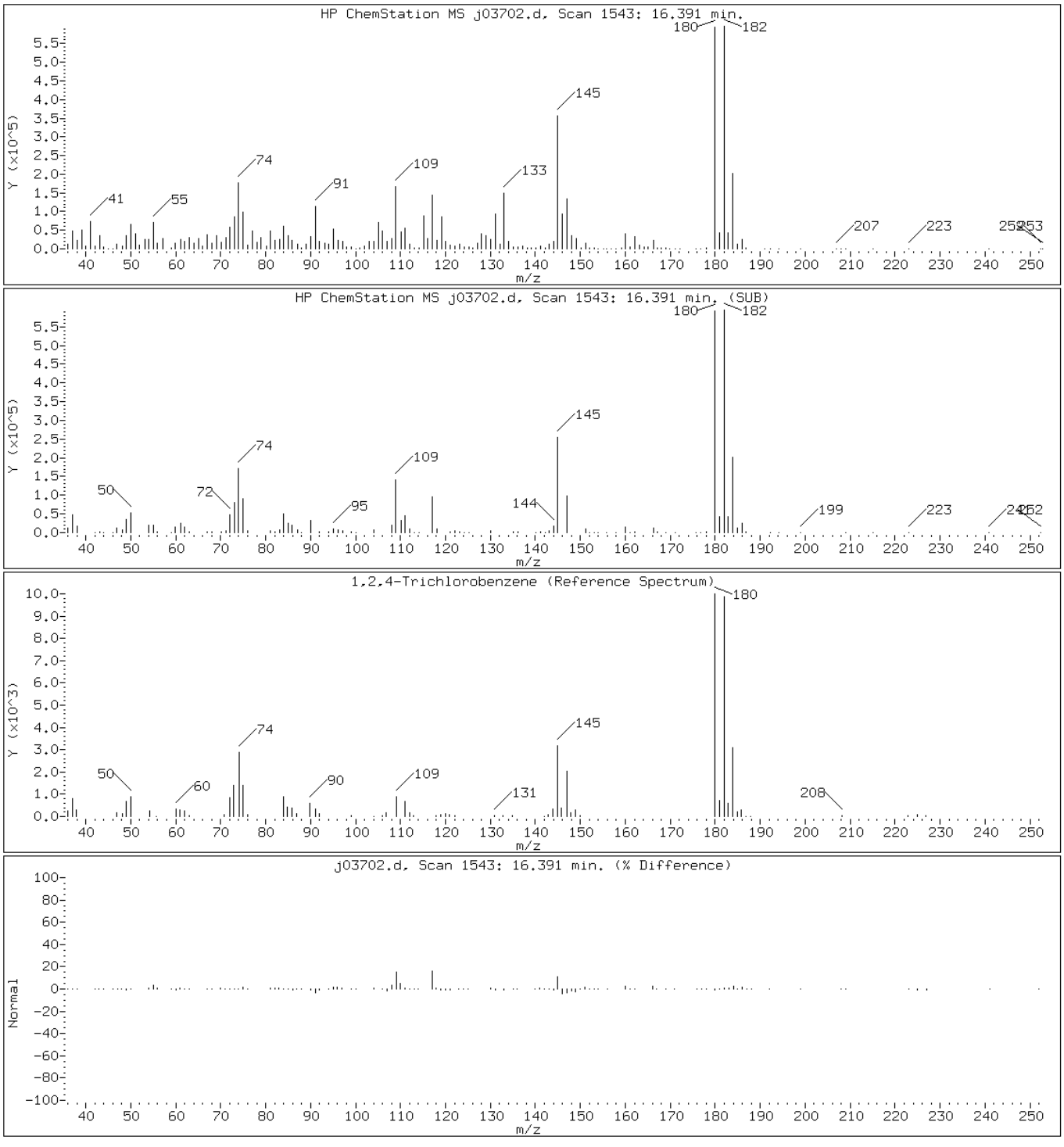
Data File: j03702.d

Date: 15-SEP-2011 10:02

Client ID: PMP-24-SI-S (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-30837-C-7-A;50;;6.01;5 Operator:

114 1,2,4-Trichlorobenzene



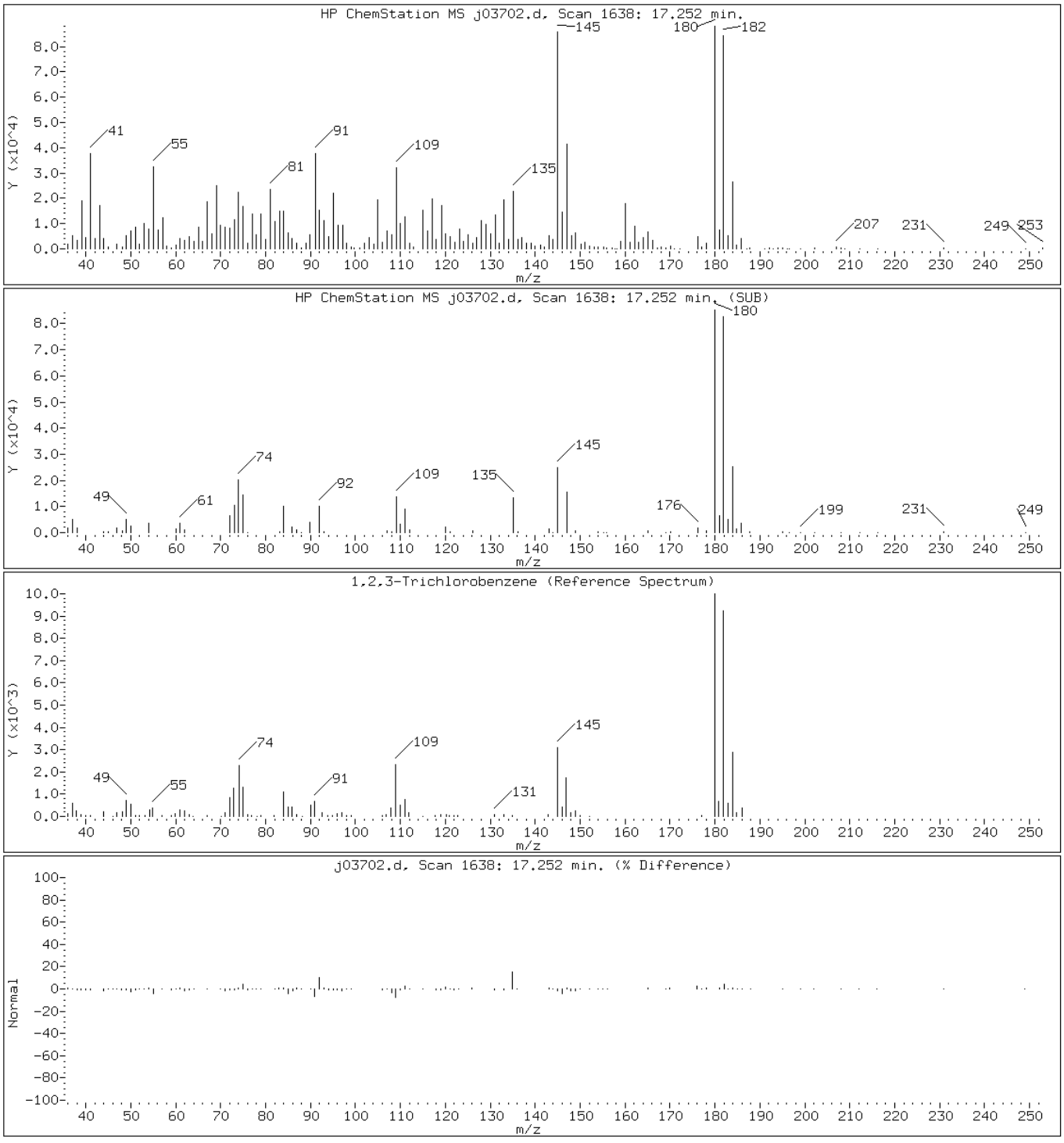
Data File: j03702.d

Date: 15-SEP-2011 10:02

Client ID: PMP-24-SI-S (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-30837-C-7-A;50;;6.01;5 Operator:

117 1,2,3-Trichlorobenzene



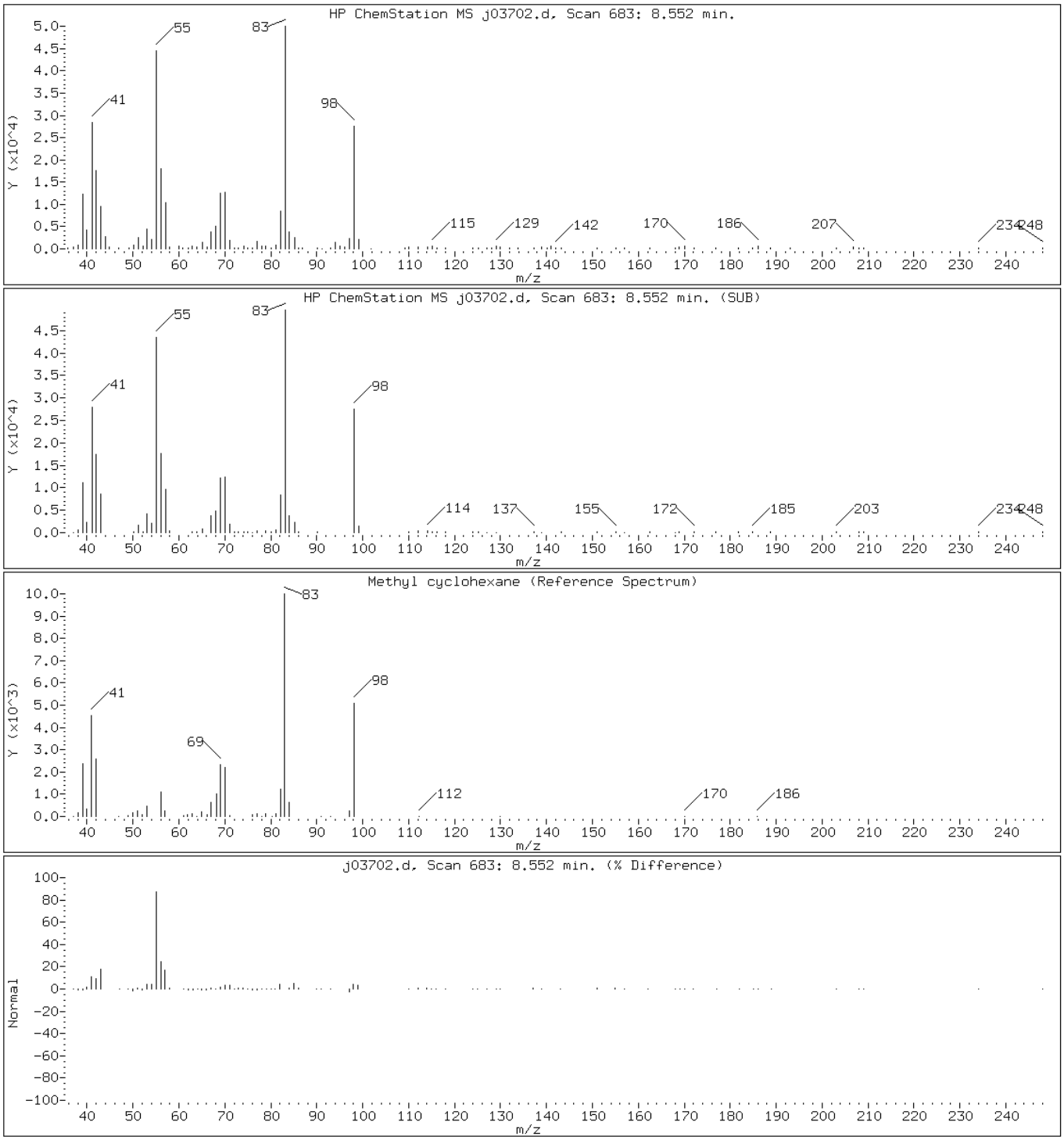
Data File: j03702.d

Date: 15-SEP-2011 10:02

Client ID: PMP-24-SI-S (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-30837-C-7-A;50;;6.01;5 Operator:

56 Methyl cyclohexane



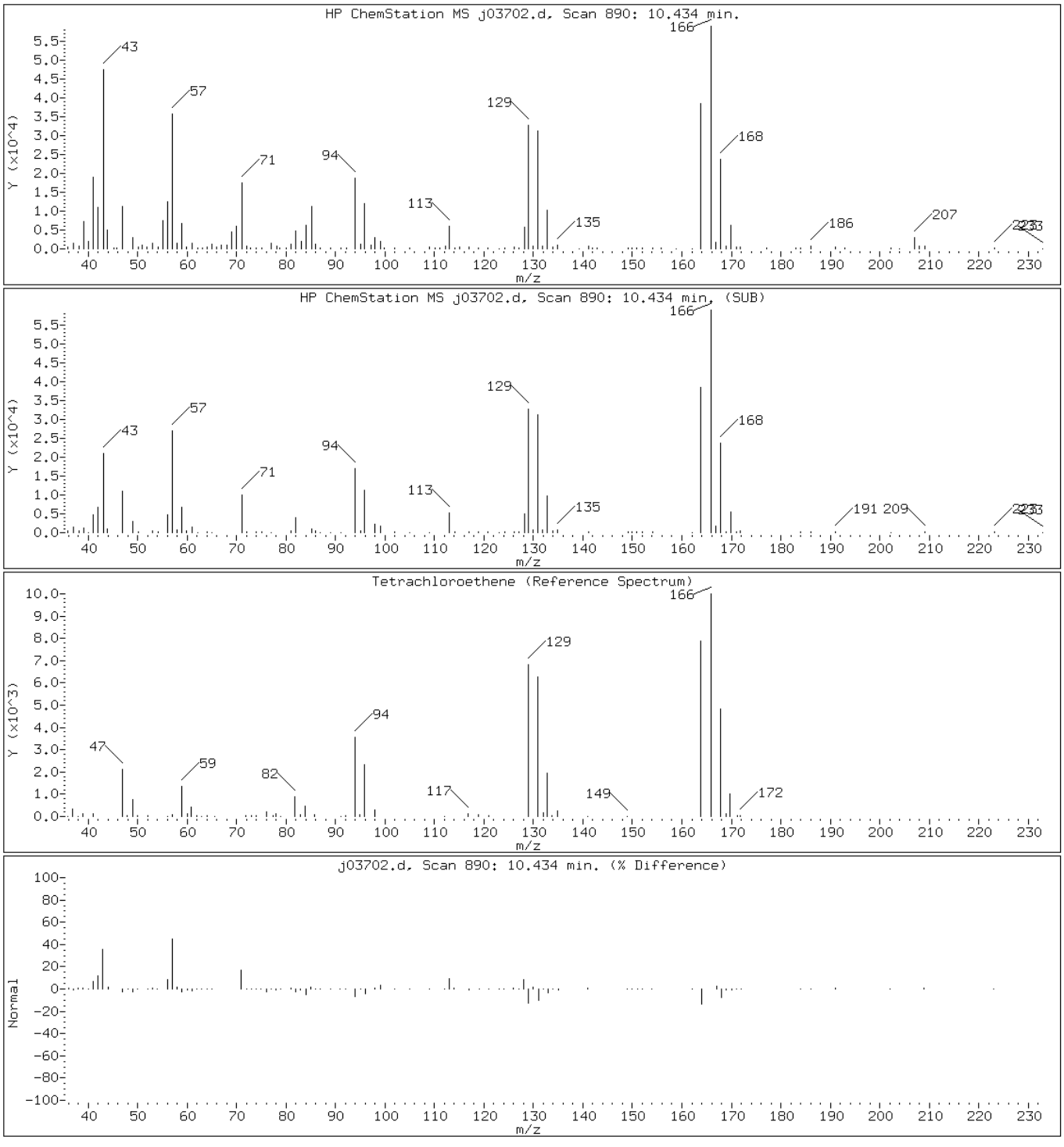
Data File: j03702.d

Date: 15-SEP-2011 10:02

Client ID: PMP-24-SI-S (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-30837-C-7-A;50;;6.01;5 Operator:

71 Tetrachloroethene



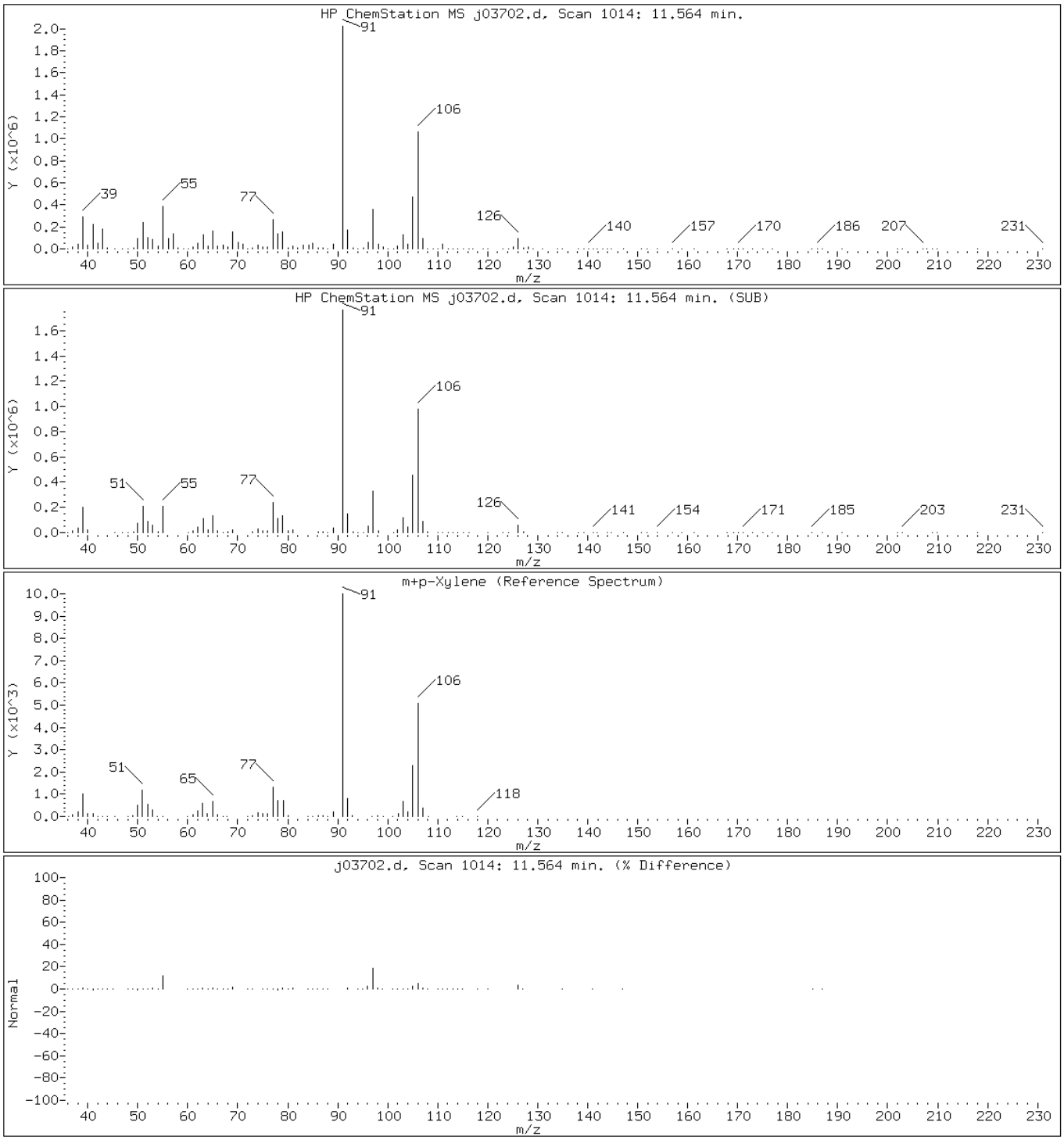
Data File: j03702.d

Date: 15-SEP-2011 10:02

Client ID: PMP-24-SI-S (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-30837-C-7-A;50;;6.01;5 Operator:

82 m+p-Xylene



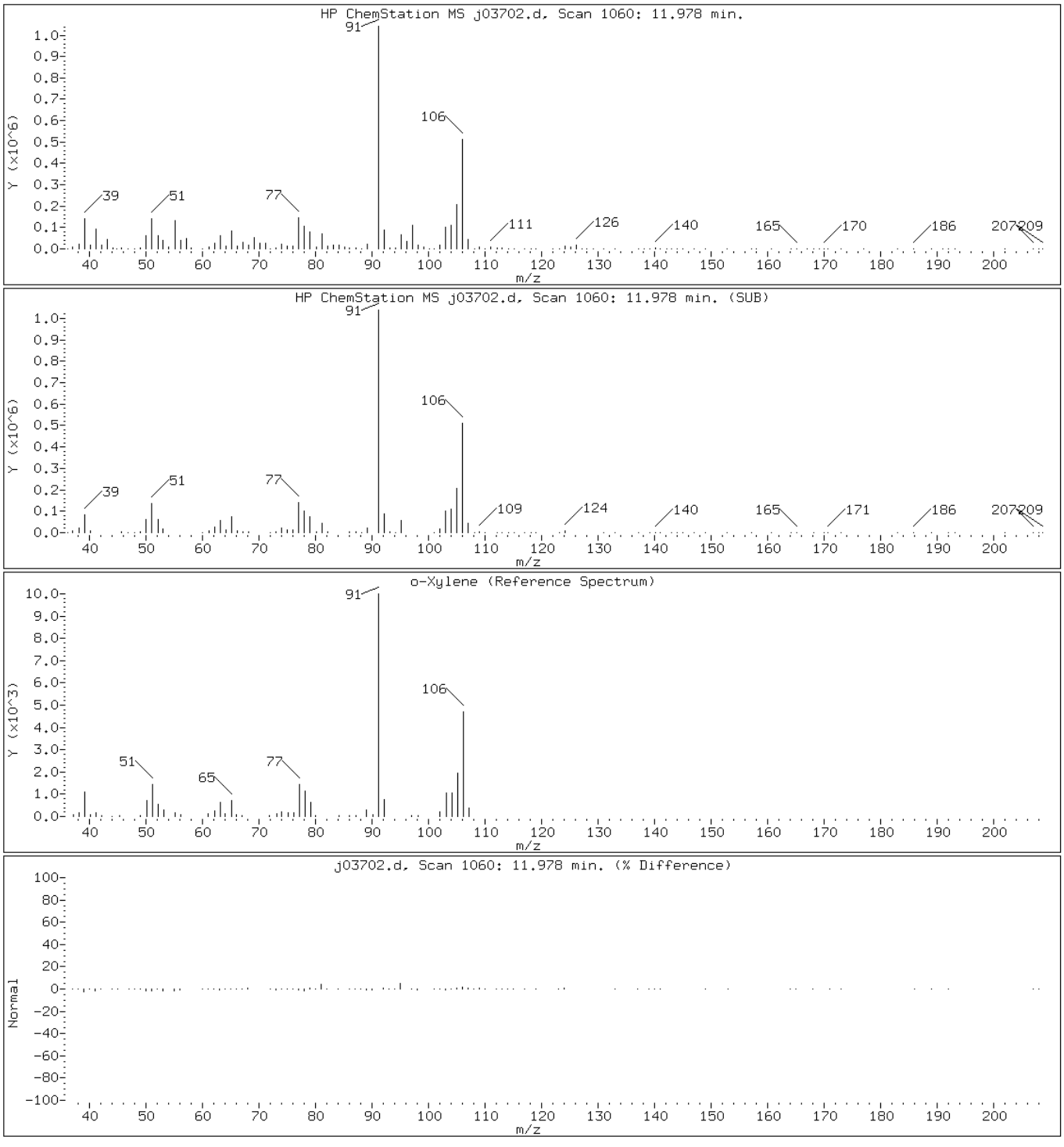
Data File: j03702.d

Date: 15-SEP-2011 10:02

Client ID: PMP-24-SI-S (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-30837-C-7-A;50;;6.01;5 Operator:

84 o-Xylene



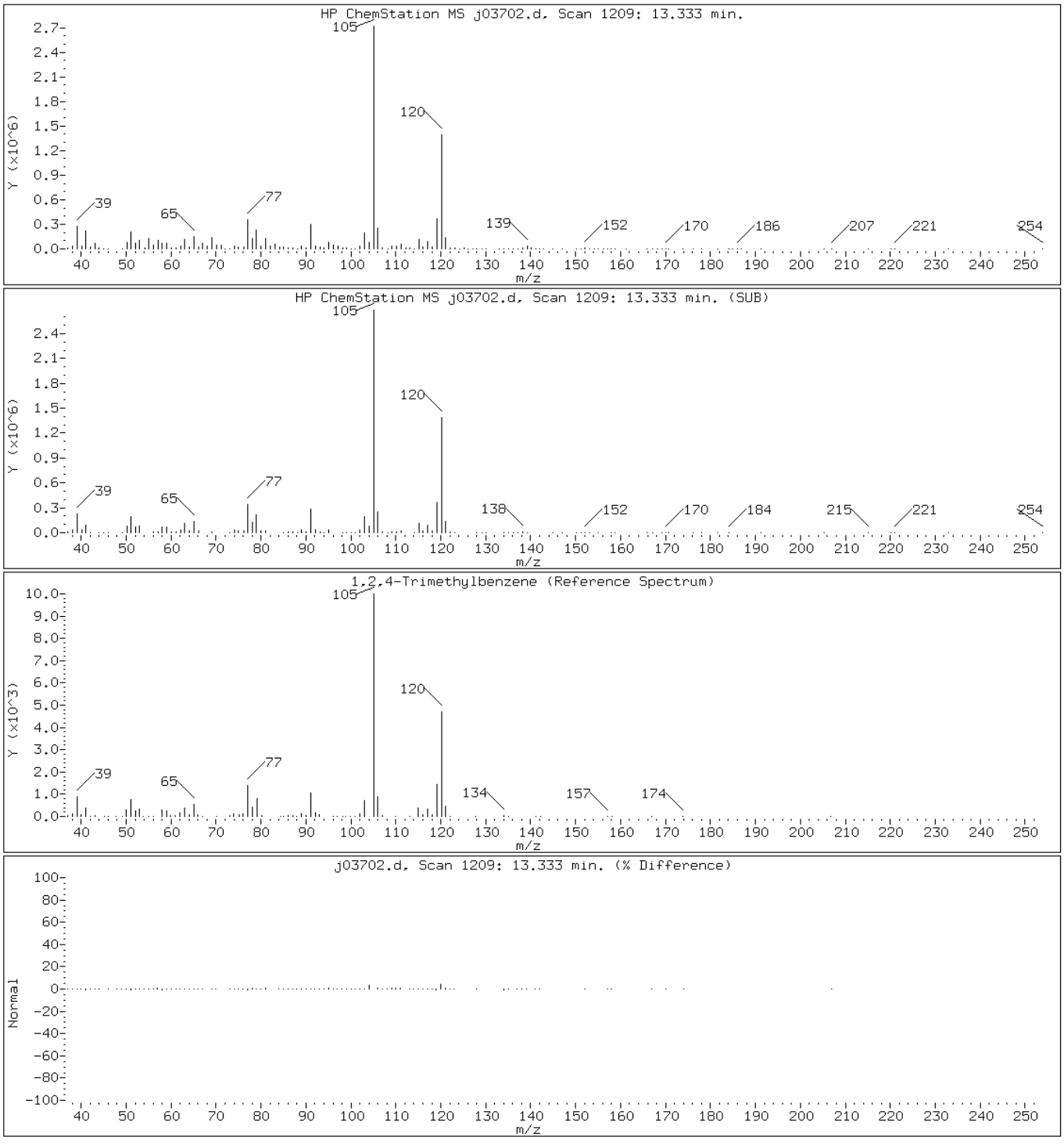
Data File: j03702.d

Date: 15-SEP-2011 10:02

Client ID: PMP-24-SI-S (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-30837-C-7-A;50;;6.01;5 Operator:

101 1,2,4-Trimethylbenzene



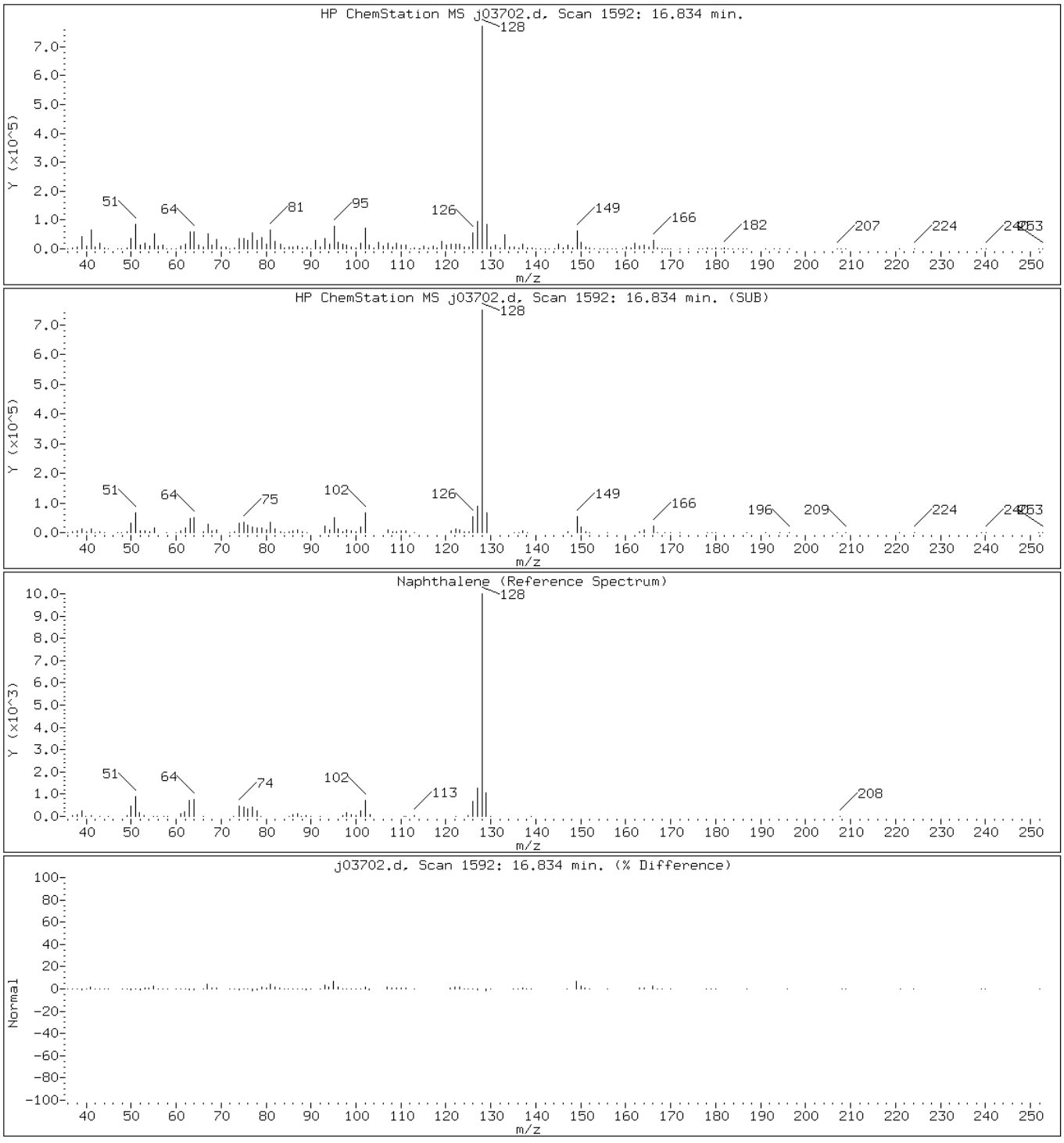
Data File: j03702.d

Date: 15-SEP-2011 10:02

Client ID: PMP-24-SI-S (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-30837-C-7-A;50;;6.01;5 Operator:

116 Naphthalene



Data File: j03702.d

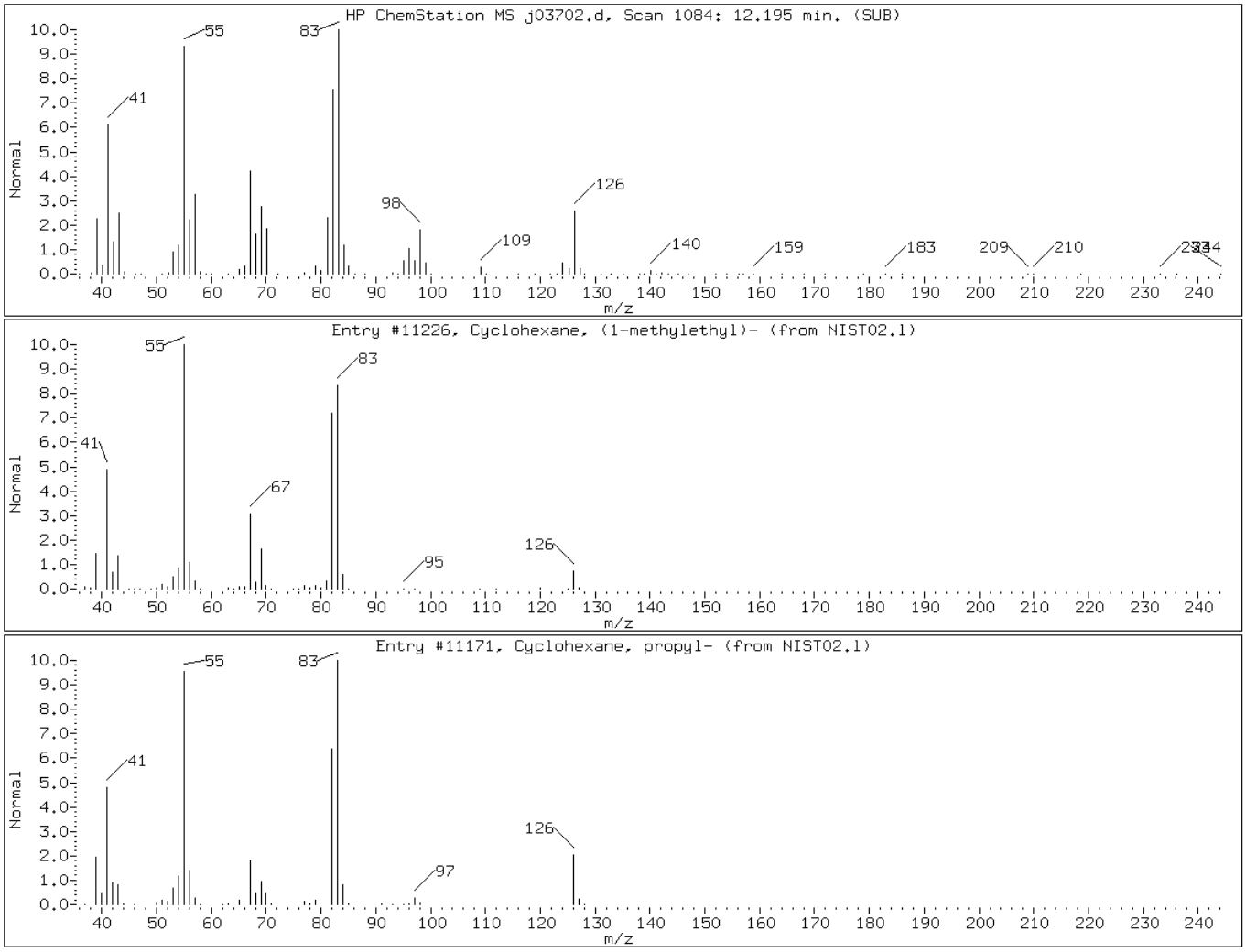
Date: 15-SEP-2011 10:02

Client ID: PMP-24-SI-S (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-30837-C-7-A;50;;6.01;5 Operator:

Retention Time: 12.20

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C9H18 Cycloalkane-2						
Cyclohexane, (1-methylethyl)-	696-29-7	NIST02.l	11226	80	C9H18	126
Cyclohexane, propyl-	1678-92-8	NIST02.l	11171	76	C9H18	126



Data File: j03702.d

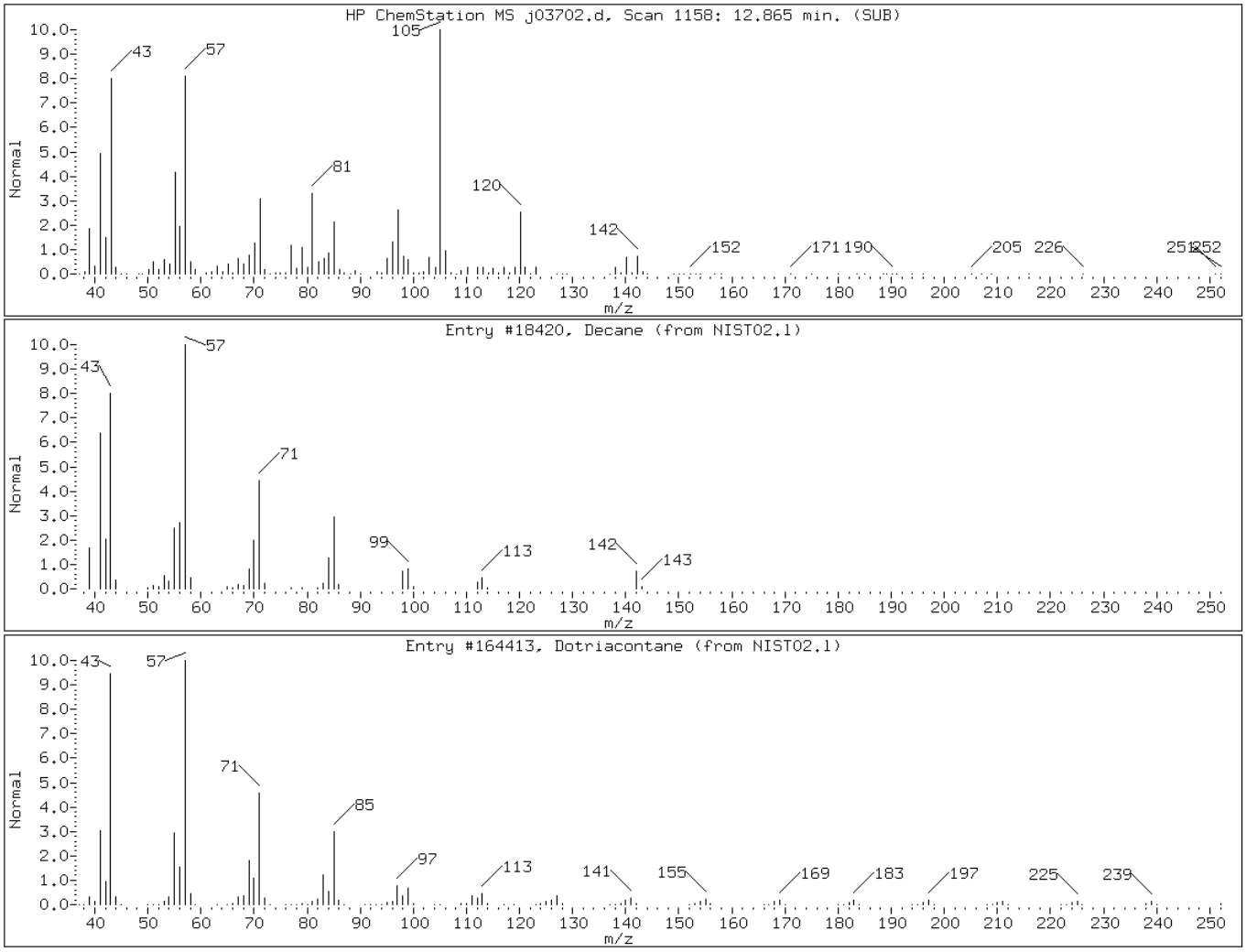
Date: 15-SEP-2011 10:02

Client ID: PMP-24-SI-S (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-30837-C-7-A;50;;6.01;5 Operator:

Retention Time: 12.86

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H22 Alkane/C9H12 Aromatic						
Decane	124-18-5	NIST02.l	18420	94	C10H22	142
Dotriacontane	544-85-4	NIST02.l	164413	27	C32H66	451



Data File: j03702.d

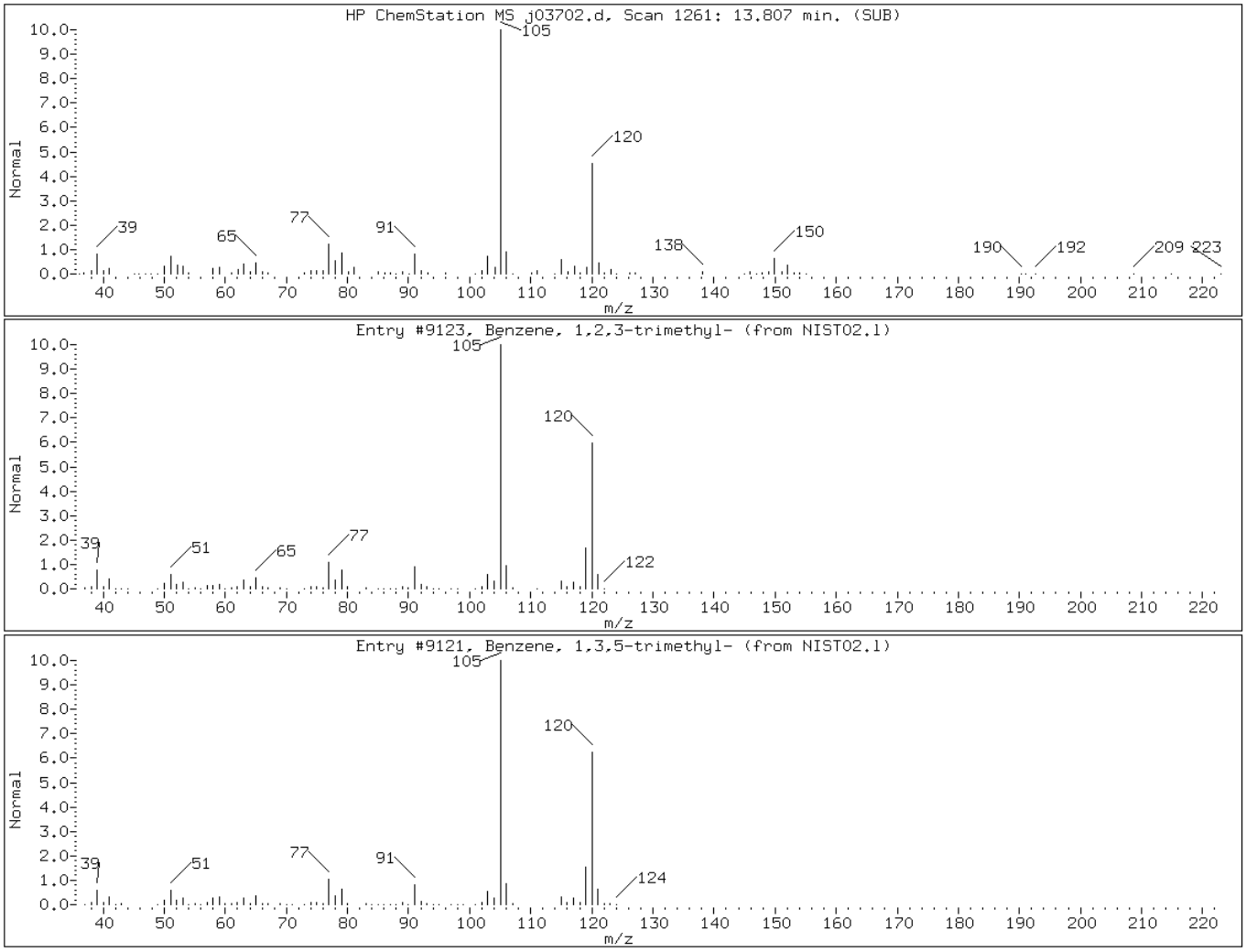
Date: 15-SEP-2011 10:02

Client ID: PMP-24-SI-S (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-30837-C-7-A;50;;6.01;5 Operator:

Retention Time: 13.81

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C9H12 Aromatic-2						
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.l	9123	91	C9H12	120
Benzene, 1,3,5-trimethyl-	108-67-8	NIST02.l	9121	91	C9H12	120



Data File: j03702.d

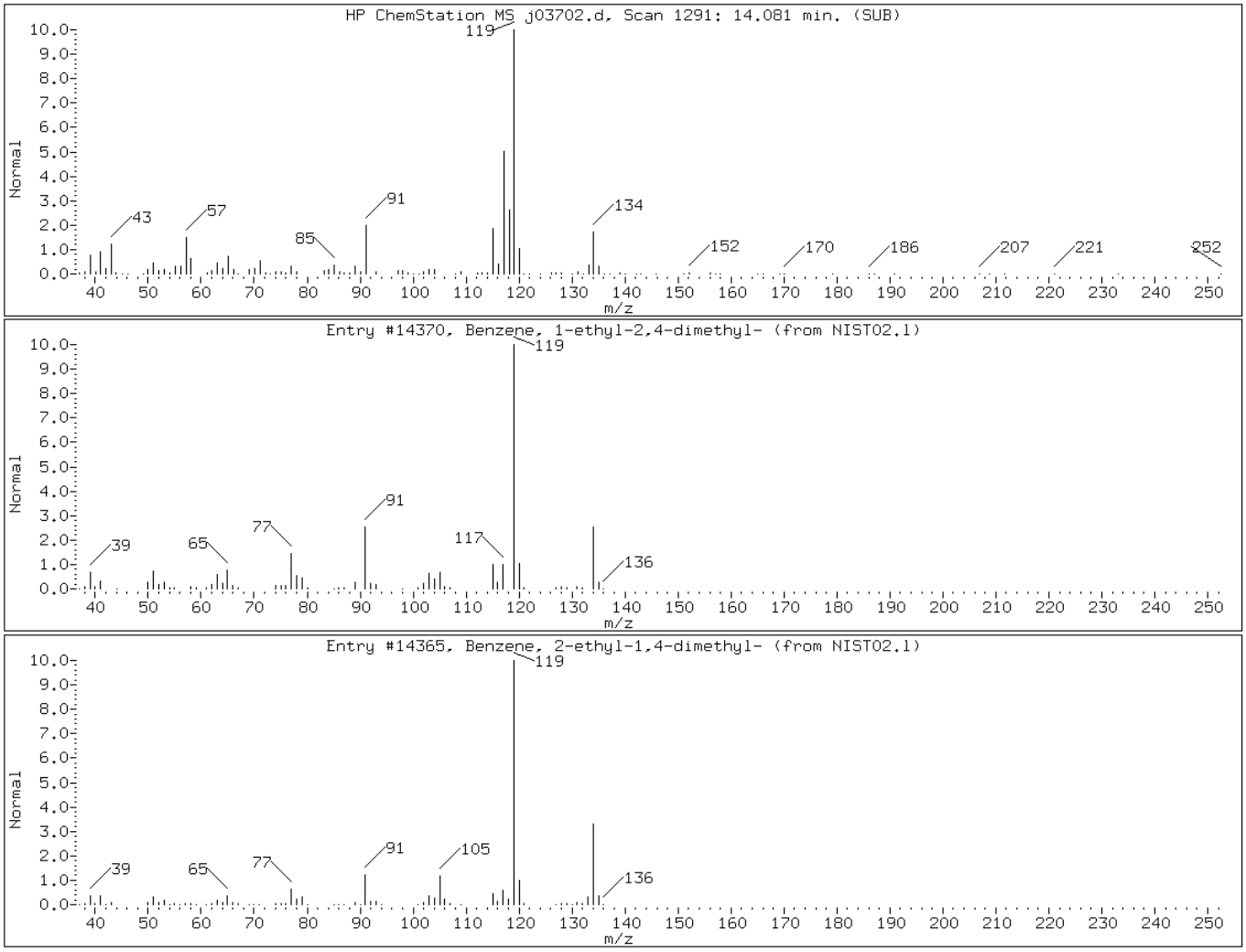
Date: 15-SEP-2011 10:02

Client ID: PMP-24-SI-S (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-30837-C-7-A;50;;6.01;5 Operator:

Retention Time: 14.08

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	14370	50	C10H14	134
Benzene, 2-ethyl-1,4-dimethyl-	1758-88-9	NIST02.l	14365	47	C10H14	134



Data File: j03702.d

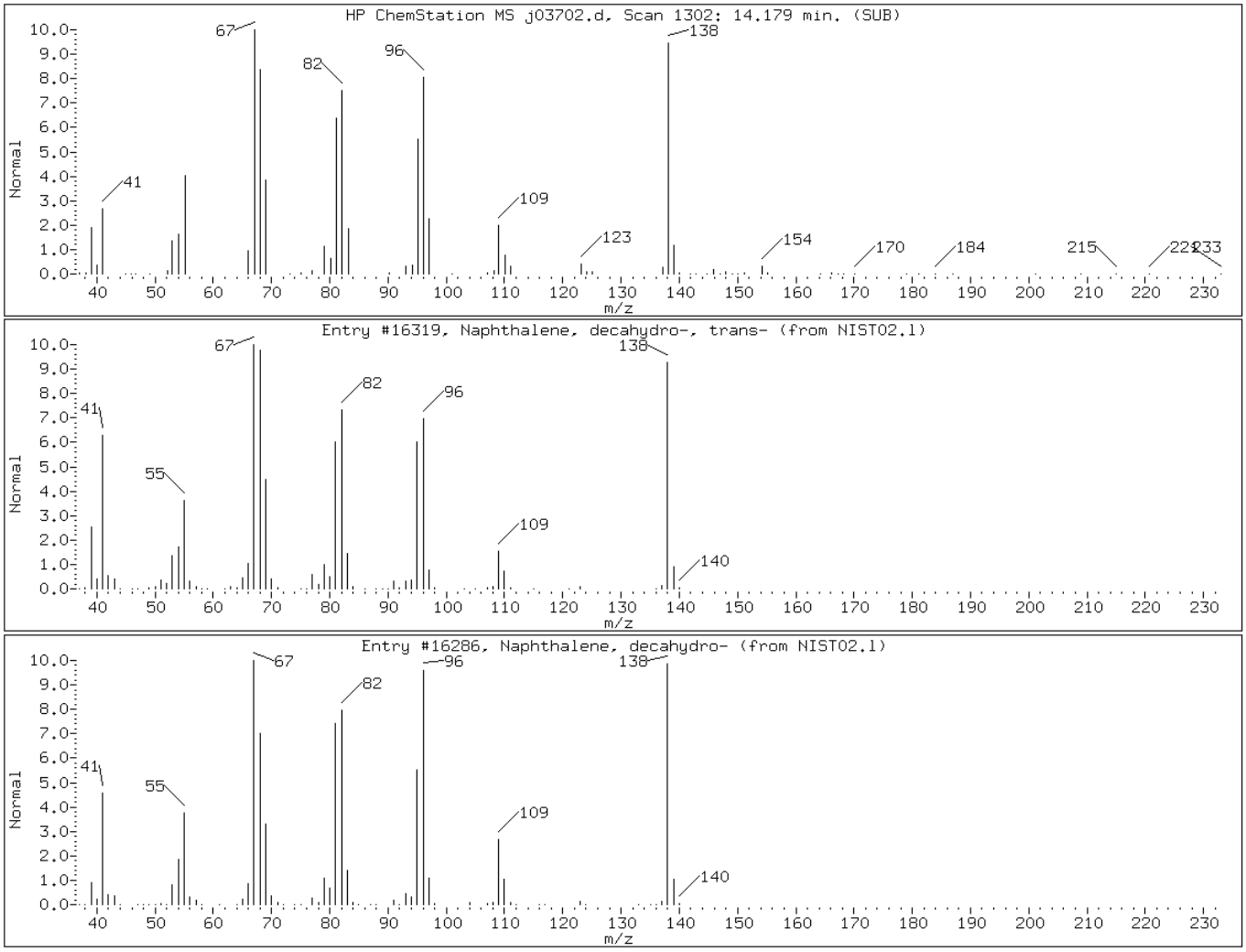
Date: 15-SEP-2011 10:02

Client ID: PMP-24-SI-S (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-30837-C-7-A;50;;6.01;5 Operator:

Retention Time: 14.18

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	16286	96	C10H18	138



Data File: j03702.d

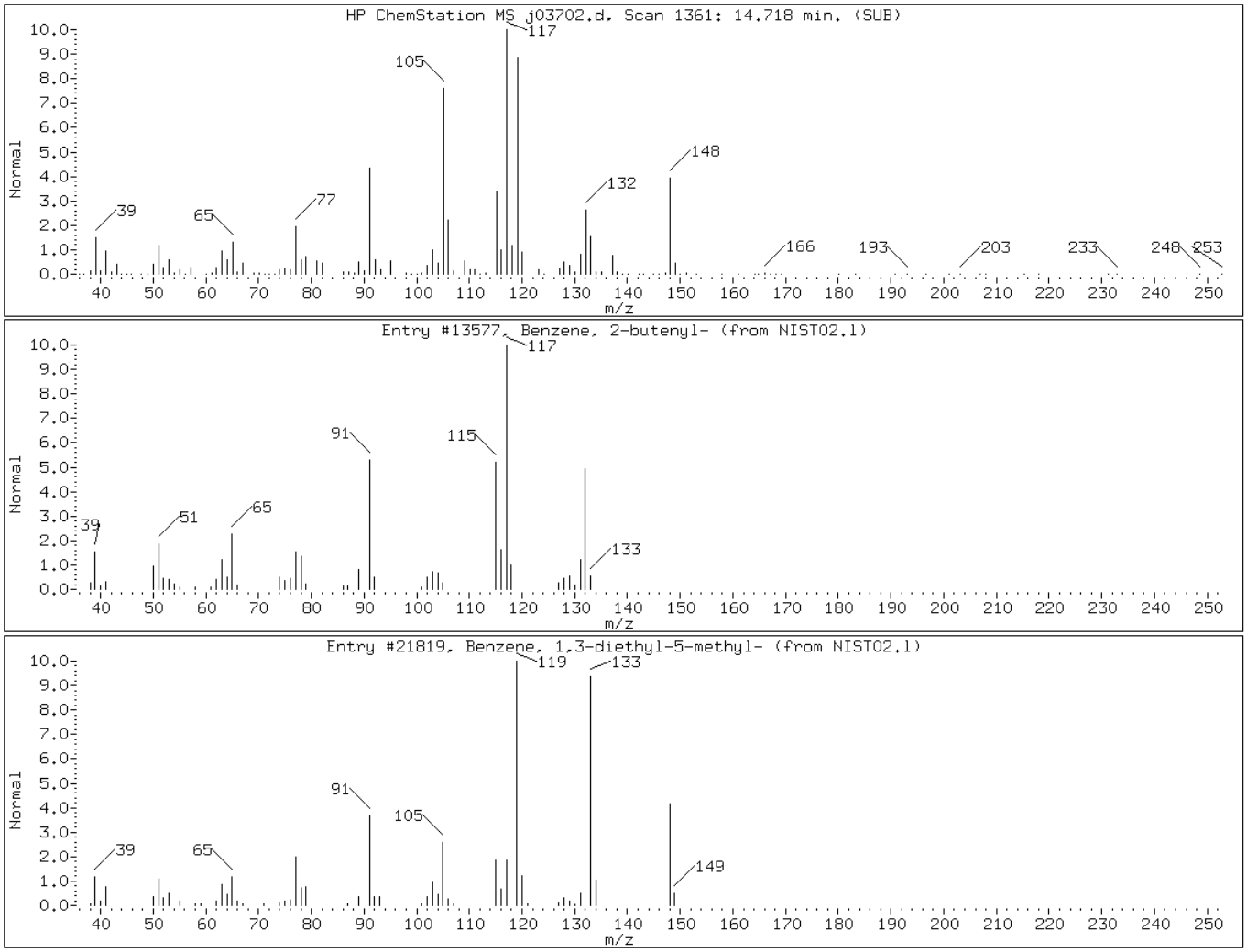
Date: 15-SEP-2011 10:02

Client ID: PMP-24-SI-S (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-30837-C-7-A;50;;6.01;5 Operator:

Retention Time: 14.72

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Coeluting Aromatics						
Benzene, 2-butenyl-	1560-06-1	NIST02.l	13577	70	C10H12	132
Benzene, 1,3-diethyl-5-methyl-	2050-24-0	NIST02.l	21819	50	C11H16	148



Data File: j03702.d

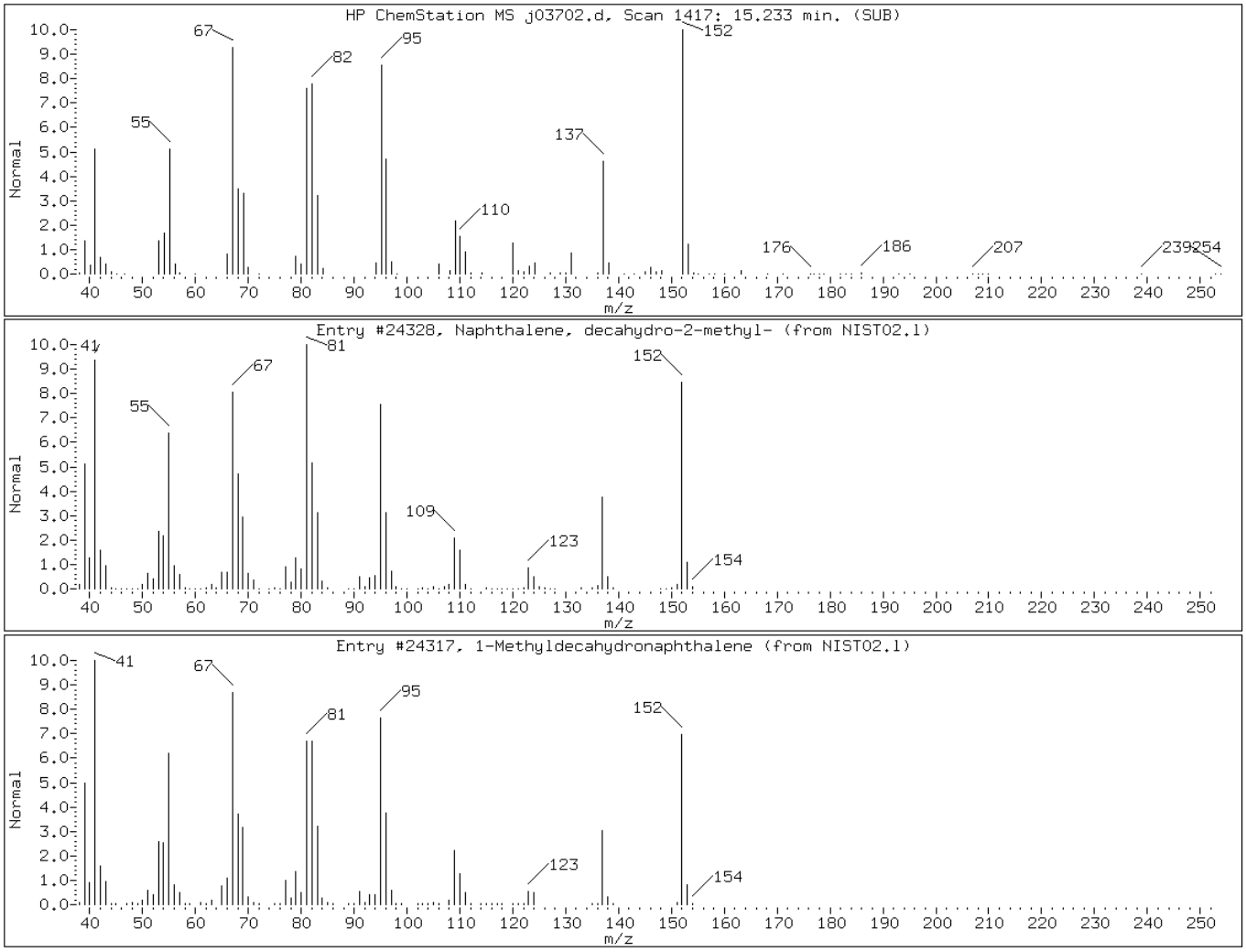
Date: 15-SEP-2011 10:02

Client ID: PMP-24-SI-S (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-30837-C-7-A;50;;6.01;5 Operator:

Retention Time: 15.23

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer-						
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24328	76	C11H20	152
1-Methyldecahydronaphthalene	2958-75-0	NIST02.l	24317	64	C11H20	152



Data File: j03702.d

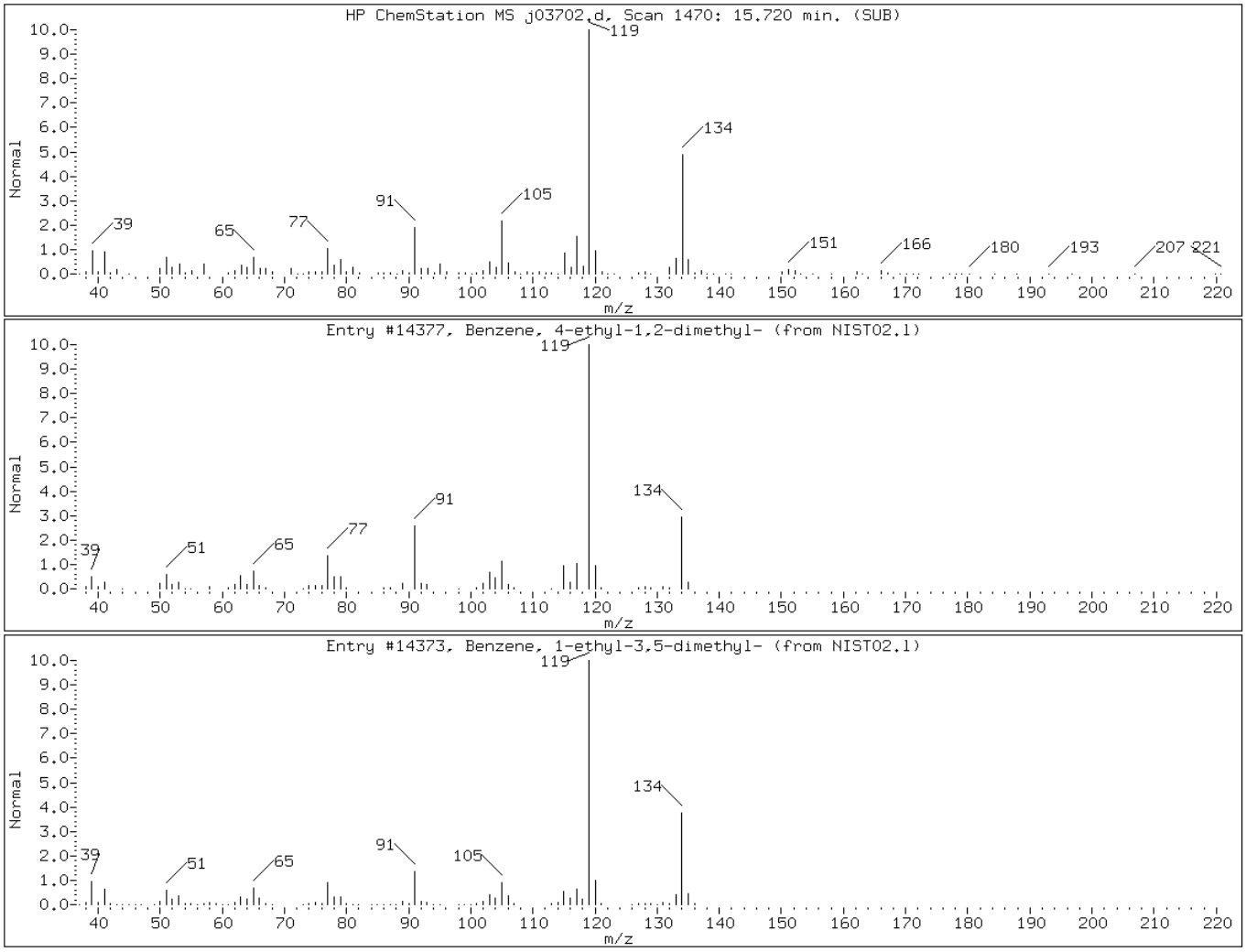
Date: 15-SEP-2011 10:02

Client ID: PMP-24-SI-S (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-30837-C-7-A;50;;6.01;5 Operator:

Retention Time: 15.72

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H14 Aromatic-6						
Benzene, 4-ethyl-1,2-dimethyl-	934-80-5	NIST02.l	14377	93	C10H14	134
Benzene, 1-ethyl-3,5-dimethyl-	934-74-7	NIST02.l	14373	93	C10H14	134



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-22-VS-S (1.5-2.0) Lab Sample ID: 460-30837-8

Matrix: Solid Lab File ID: d12676.d

Analysis Method: 8260B Date Collected: 09/08/2011 17:25

Sample wt/vol: 5.04(g) Date Analyzed: 09/14/2011 11:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.7 Level: (low/med) Low

Analysis Batch No.: 86004 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.1	U	1.1	0.67
74-83-9	Bromomethane	1.1	U	1.1	0.43
75-01-4	Vinyl chloride	1.1	U	1.1	0.25
75-00-3	Chloroethane	1.1	U	1.1	0.42
75-09-2	Methylene Chloride	2.2		1.1	0.50
67-64-1	Acetone	24		11	3.9
75-15-0	Carbon disulfide	1.1	U	1.1	0.49
75-69-4	Trichlorofluoromethane	1.1	U	1.1	0.27
75-35-4	1,1-Dichloroethene	1.1	U	1.1	0.39
75-34-3	1,1-Dichloroethane	1.1	U	1.1	0.26
156-60-5	trans-1,2-Dichloroethene	1.1	U	1.1	0.30
156-59-2	cis-1,2-Dichloroethene	1.1	U	1.1	0.25
67-66-3	Chloroform	1.1	U	1.1	0.25
78-93-3	2-Butanone	11	U	11	0.60
107-06-2	1,2-Dichloroethane	1.1	U	1.1	0.41
71-55-6	1,1,1-Trichloroethane	1.1	U	1.1	0.20
56-23-5	Carbon tetrachloride	1.1	U	1.1	0.11
71-43-2	Benzene	1.1	U	1.1	0.78
75-25-2	Bromoform	1.1	U	1.1	0.74
100-42-5	Styrene	1.1	U	1.1	0.36
100-41-4	Ethylbenzene	2.0		1.1	0.20
108-90-7	Chlorobenzene	1.1	U	1.1	0.51
110-82-7	Cyclohexane	1.1	U	1.1	0.23
98-82-8	Isopropylbenzene	1.1	U	1.1	0.27
591-78-6	2-Hexanone	11	U	11	1.8
1634-04-4	MTBE	1.1	U	1.1	0.36
76-13-1	Freon TF	1.1	U	1.1	0.50
79-20-9	Methyl acetate	1.1	U	1.1	0.94
123-91-1	1,4-Dioxane	53	U	53	4.4
79-01-6	Trichloroethene	2.8		1.1	0.38
108-88-3	Toluene	1.0	J	1.1	0.31
10061-02-6	trans-1,3-Dichloropropene	1.1	U	1.1	0.23
108-10-1	4-Methyl-2-pentanone	11	U	11	0.75
10061-01-5	cis-1,3-Dichloropropene	1.1	U	1.1	0.21
95-50-1	1,2-Dichlorobenzene	1.1	U	1.1	0.67
541-73-1	1,3-Dichlorobenzene	1.1	U	1.1	0.51

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-22-VS-S (1.5-2.0) Lab Sample ID: 460-30837-8

Matrix: Solid Lab File ID: d12676.d

Analysis Method: 8260B Date Collected: 09/08/2011 17:25

Sample wt/vol: 5.04(g) Date Analyzed: 09/14/2011 11:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.7 Level: (low/med) Low

Analysis Batch No.: 86004 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1.1	U	1.1	0.75
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	0.56
87-61-6	1,2,3-Trichlorobenzene	1.1	U	1.1	0.68
78-87-5	1,2-Dichloropropane	1.1	U	1.1	0.33
108-87-2	Methylcyclohexane	1.1	U	1.1	0.29
127-18-4	Tetrachloroethene	1.1	U	1.1	0.35
1330-20-7	Xylenes, Total	6.6		3.2	0.83
96-12-8	1,2-Dibromo-3-Chloropropane	1.1	U	1.1	0.64
79-34-5	1,1,2,2-Tetrachloroethane	1.1	U	1.1	0.80
79-00-5	1,1,2-Trichloroethane	1.1	U	1.1	0.62
124-48-1	Dibromochloromethane	1.1	U	1.1	0.59
106-93-4	1,2-Dibromoethane	1.1	U	1.1	0.54
75-71-8	Dichlorodifluoromethane	1.1	U	1.1	0.43
74-97-5	Bromochloromethane	1.1	U	1.1	0.28
75-27-4	Bromodichloromethane	1.1	U	1.1	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		70-138
2037-26-5	Toluene-d8 (Surr)	95		66-126
460-00-4	Bromofluorobenzene	96		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-22-VS-S (1.5-2.0) Lab Sample ID: 460-30837-8

Matrix: Solid Lab File ID: d12676.d

Analysis Method: 8260B Date Collected: 09/08/2011 17:25

Sample wt/vol: 5.04(g) Date Analyzed: 09/14/2011 11:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.7 Level: (low/med) Low

Analysis Batch No.: 86004 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/8260L_10/09-03-11/14sep11.b/d12676.d
Report Date: 14-Sep-2011 20:13

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/d12676.d
Lab Smp Id: 460-30837-E-8-A Client Smp ID: PMP-22-VS-S (1.5-2.
Inj Date : 14-SEP-2011 11:43
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-30837-E-8-A;;;5.04;5
Misc Info : 460-30837-E-8-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/8260L_10.m
Meth Date : 14-Sep-2011 04:31 audberto Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.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	5.04000	Weight of sample extracted (g)
M	5.65371	% 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	2.580	2.580	(0.553)	25453	23.0793	24
	6 Methylene Chloride	84	2.533	2.527	(0.543)	5936	2.11038	2.2
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.386	4.392	(0.941)	194660	52.9441	56
*	69 Fluorobenzene	96	4.662	4.662	(1.000)	386015	50.0000	
	25 Trichloroethene	95	4.827	4.827	(1.035)	7332	2.64448	2.8
$	37 Toluene-d8 (SUR)	98	6.380	6.386	(0.794)	378377	47.2602	50
	38 Toluene	91	6.439	6.444	(0.801)	10473	0.99381	1.0(a)
*	32 Chlorobenzene-d5	117	8.038	8.038	(1.000)	273447	50.0000	
	40 Ethylbenzene	106	8.109	8.103	(1.009)	6762	1.91351	2.0
	43 m+p-Xylene	106	8.244	8.244	(1.026)	22220	4.98841	5.2
	44 o-Xylene	106	8.621	8.621	(1.072)	5902	1.28859	1.4
$	41 Bromofluorobenzene (SUR)	174	9.115	9.115	(0.912)	144030	48.1293	51
*	91 1,4-Dichlorobenzene-d4	152	9.991	9.991	(1.000)	147715	50.0000	
M	45 Xylene (Total)	100				28122	6.25451	6.6

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/d12676.d
Report Date: 14-Sep-2011 20:13

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/d12676.d
Report Date: 14-Sep-2011 20:13

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/d12676.d
Lab Smp Id: 460-30837-E-8-A Client Smp ID: PMP-22-VS-S (1.5-2.
Inj Date : 14-SEP-2011 11:43
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-30837-E-8-A;;;5.04;5
Misc Info : 460-30837-E-8-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/8260L_10.m
Meth Date : 14-Sep-2011 04:31 audberto Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.d
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

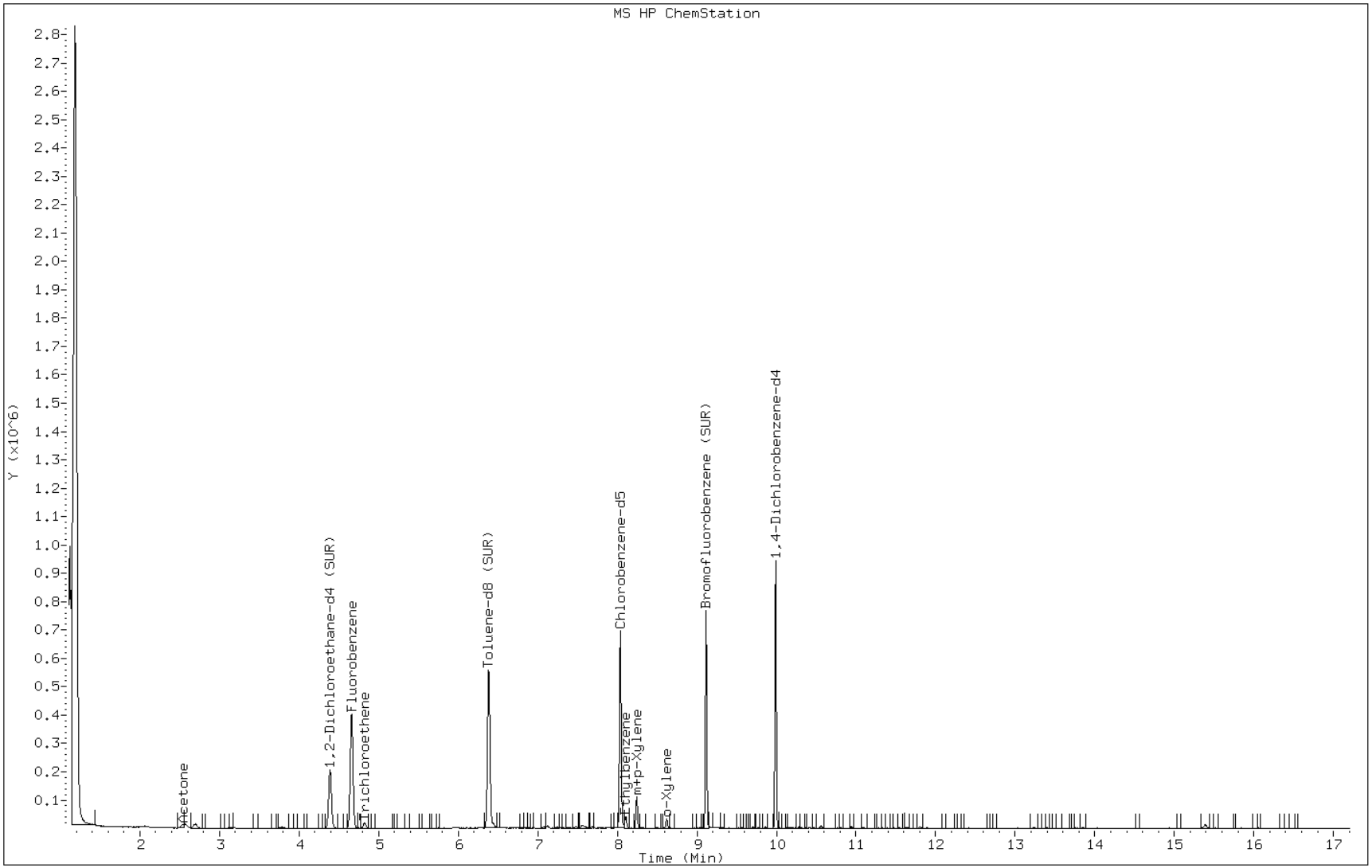
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: d12676.d

Date: 14-SEP-2011 11:43

Client ID: PMP-22-VS-S (1.5-2. Instrument: VOAMS4.i

Sample Info: 460-30837-E-8-A;;;5.04;5 Operator: VOAMS 9



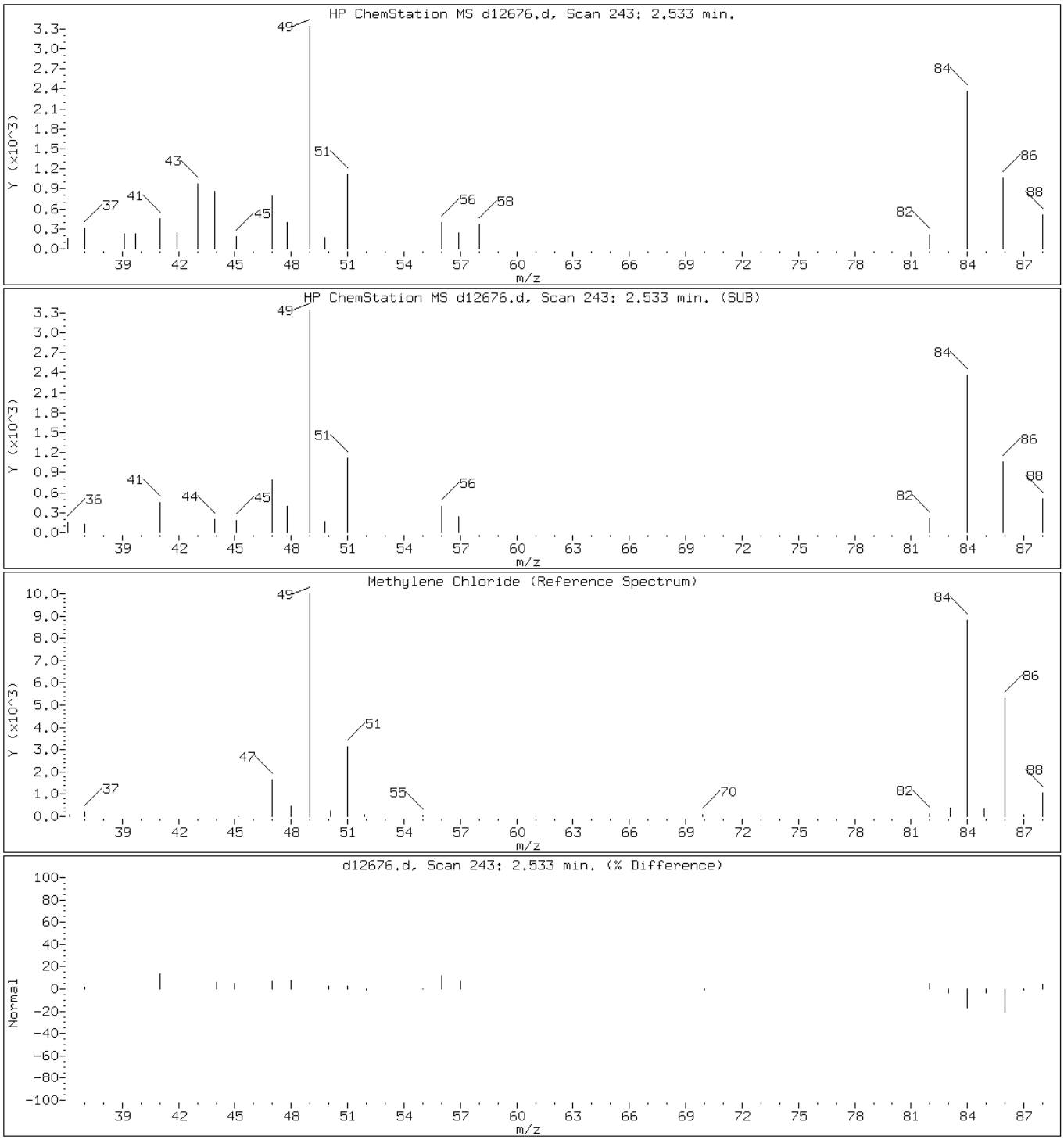
Data File: d12676.d

Date: 14-SEP-2011 11:43

Client ID: PMP-22-VS-S (1.5-2. Instrument: VOAMS4.i

Sample Info: 460-30837-E-8-A;;;5.04;5 Operator: VOAMS 9

6 Methylene Chloride



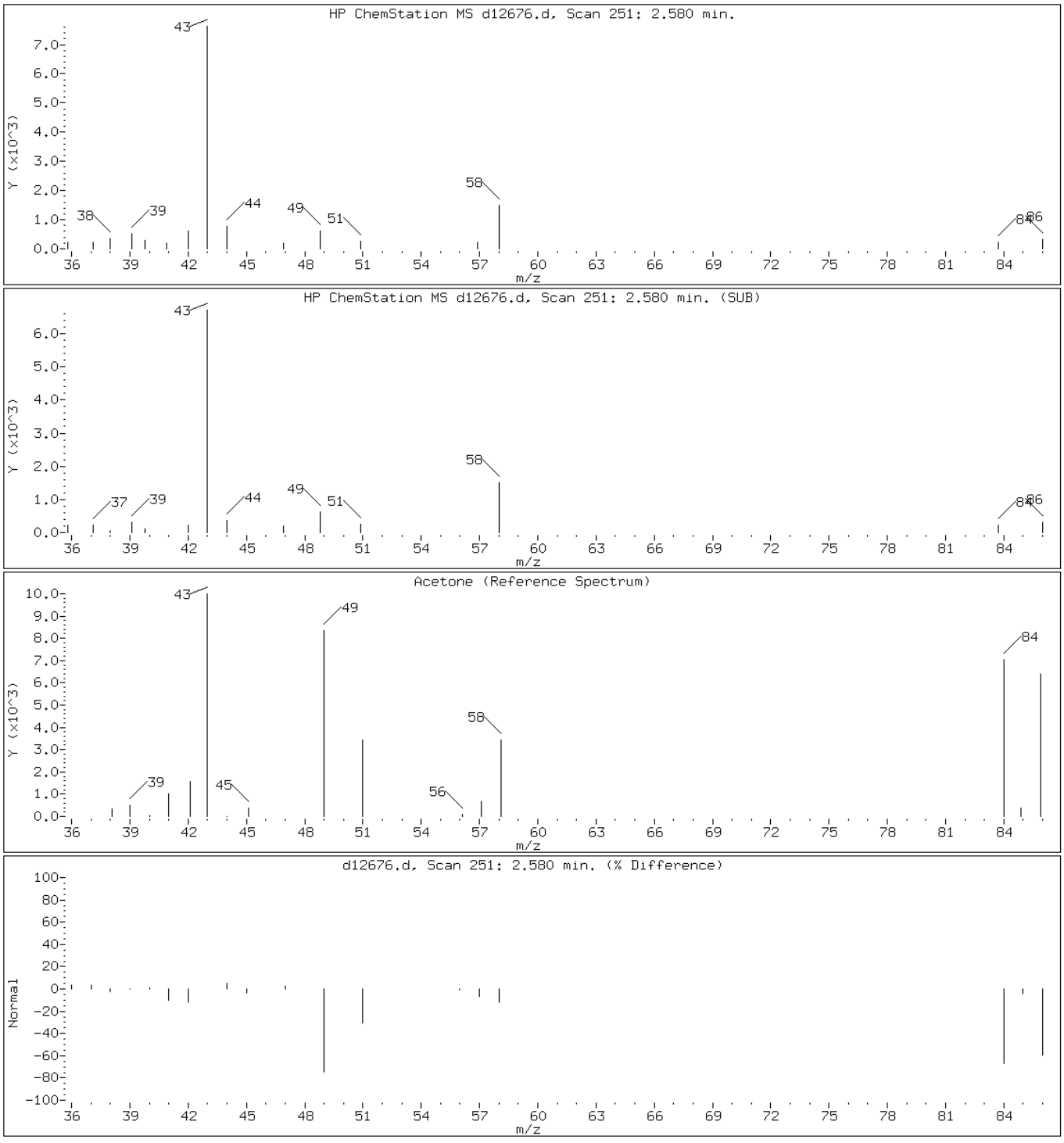
Data File: d12676.d

Date: 14-SEP-2011 11:43

Client ID: PMP-22-VS-S (1.5-2. Instrument: VOAMS4.i

Sample Info: 460-30837-E-8-A;;;5.04;5 Operator: VOAMS 9

7 Acetone



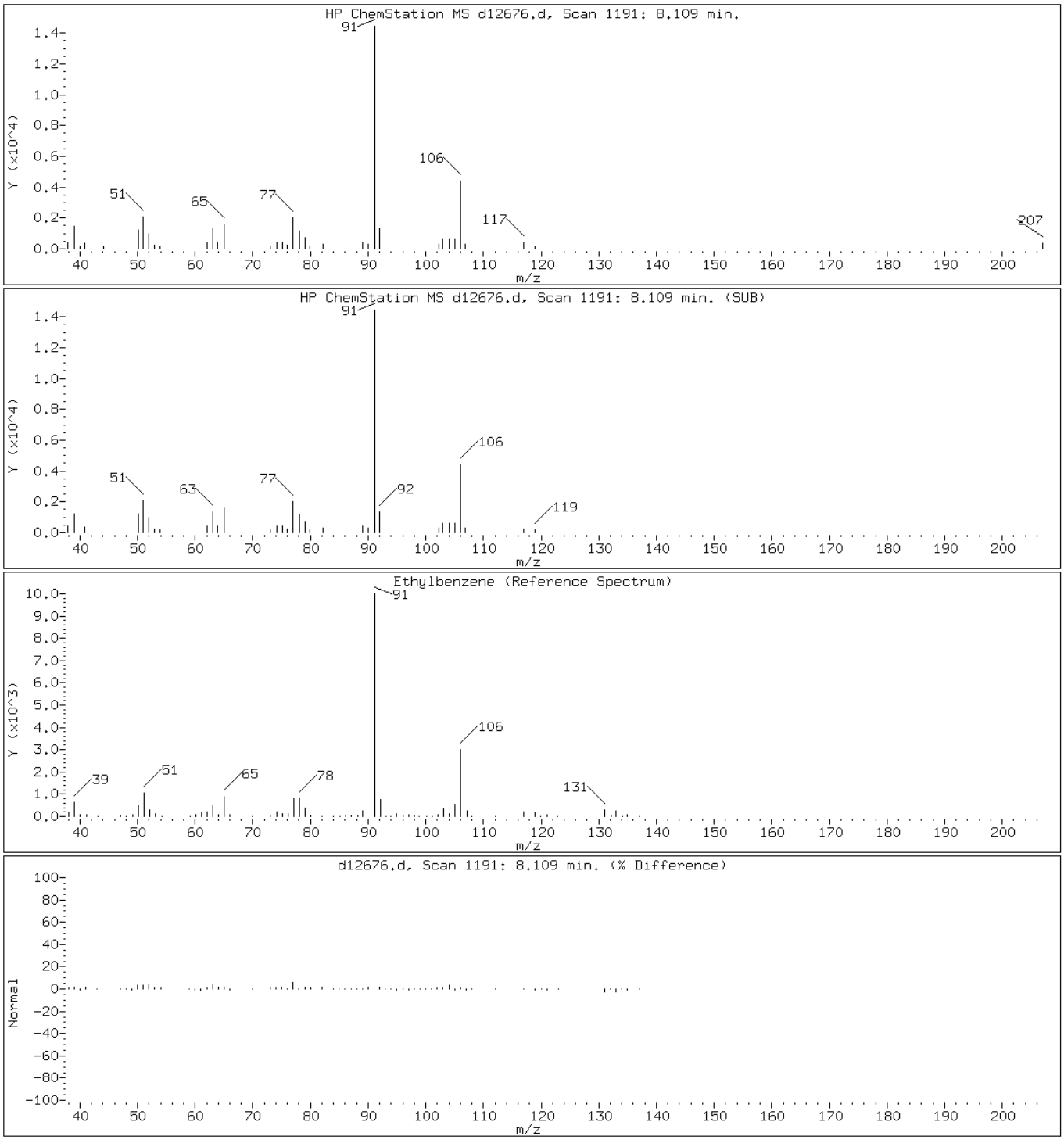
Data File: d12676.d

Date: 14-SEP-2011 11:43

Client ID: PMP-22-VS-S (1.5-2. Instrument: VOAMS4.i

Sample Info: 460-30837-E-8-A;;;5.04;5 Operator: VOAMS 9

40 Ethylbenzene



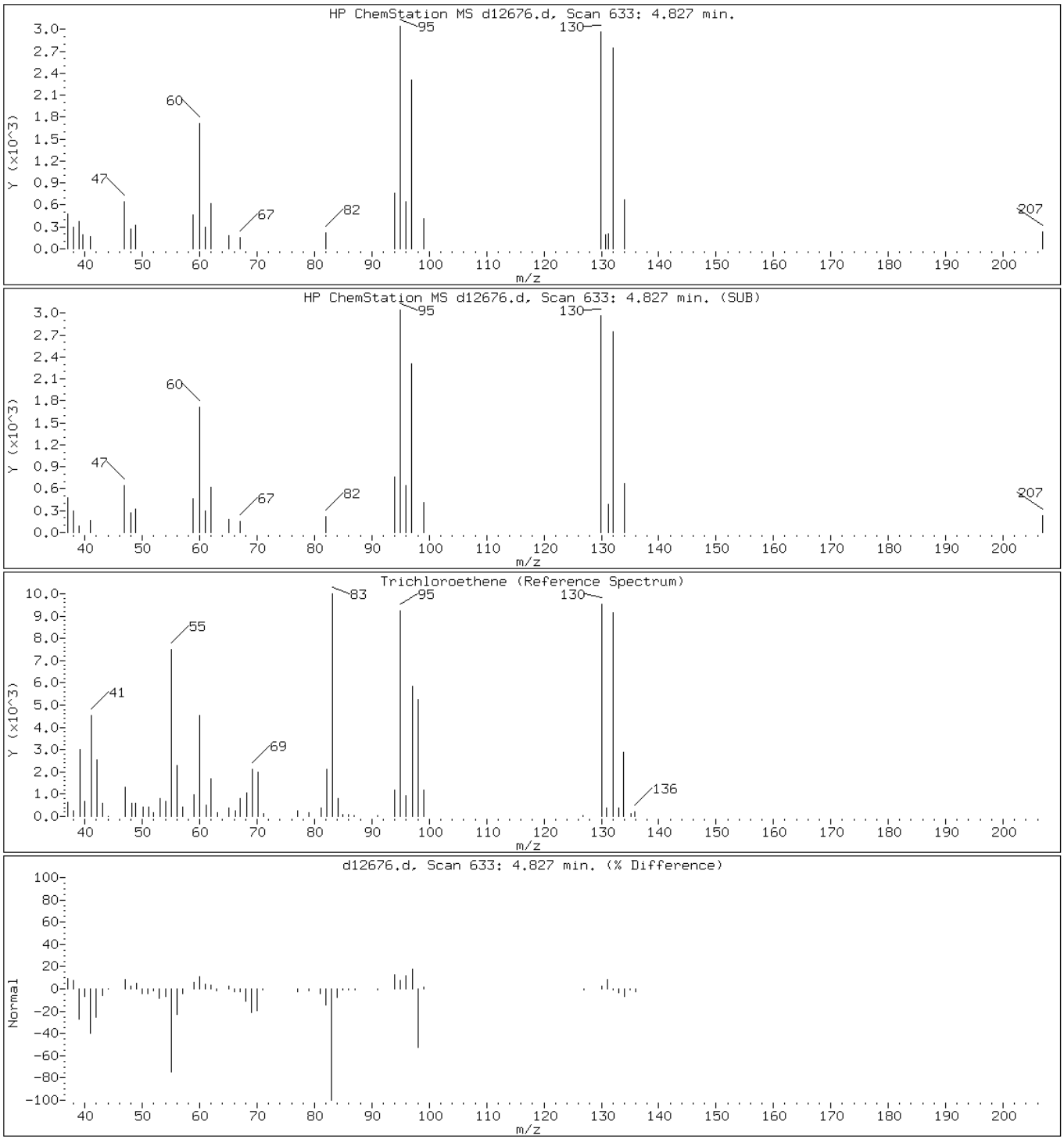
Data File: d12676.d

Date: 14-SEP-2011 11:43

Client ID: PMP-22-VS-S (1.5-2. Instrument: VOAMS4.i

Sample Info: 460-30837-E-8-A;;;5.04;5 Operator: VOAMS 9

25 Trichloroethene



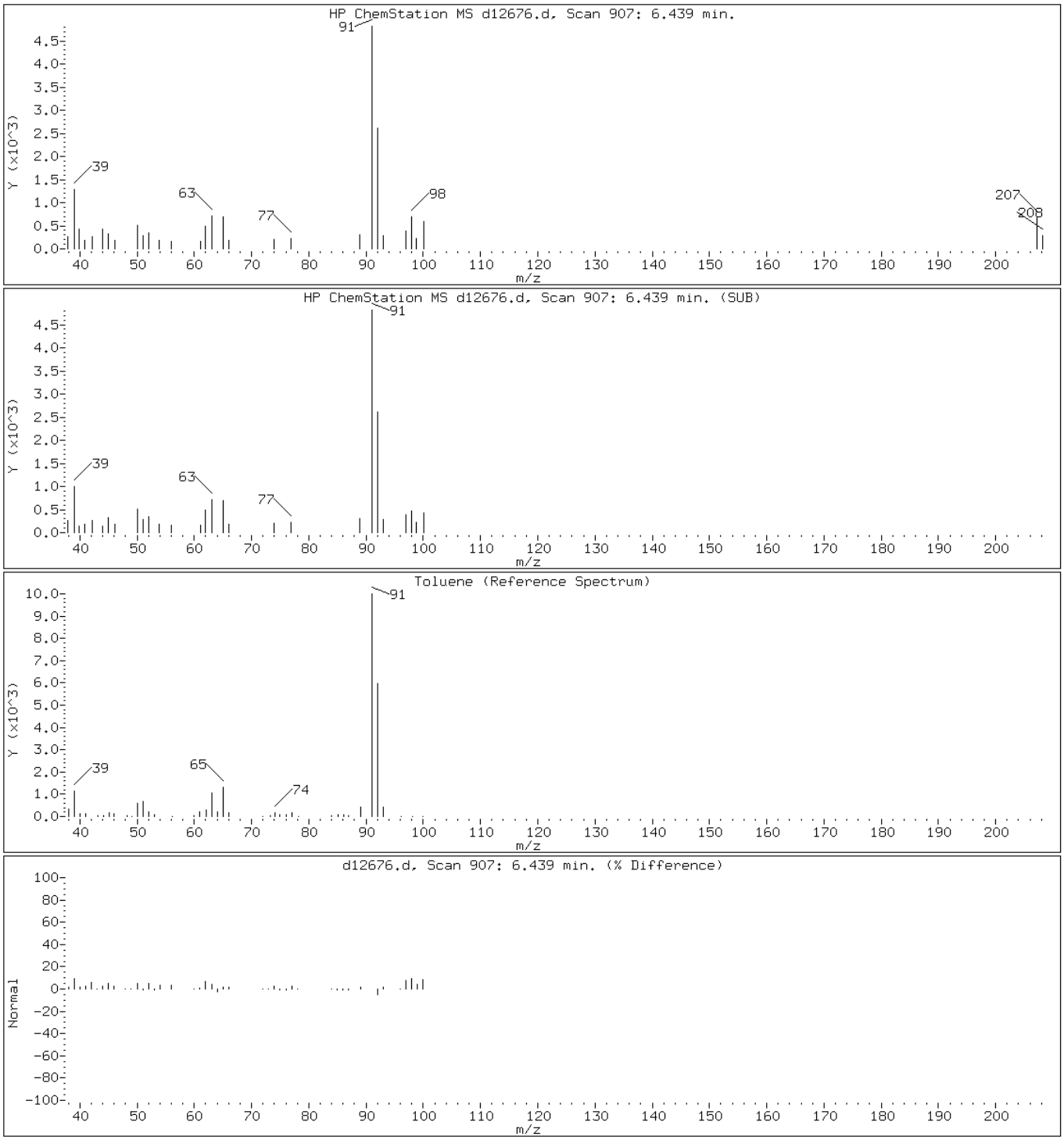
Data File: d12676.d

Date: 14-SEP-2011 11:43

Client ID: PMP-22-VS-S (1.5-2. Instrument: VOAMS4.i

Sample Info: 460-30837-E-8-A;;;5.04;5 Operator: VOAMS 9

38 Toluene



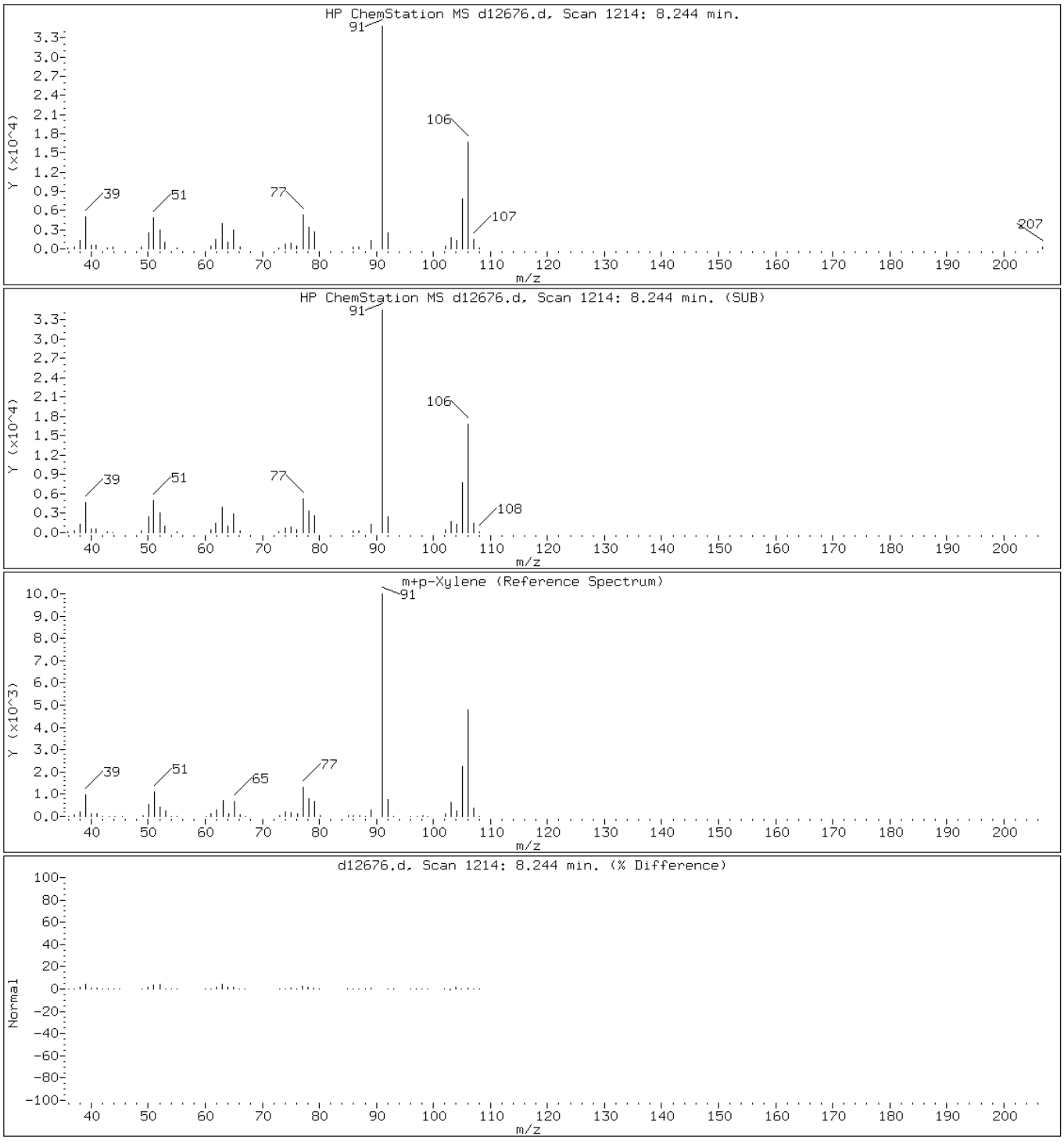
Data File: d12676.d

Date: 14-SEP-2011 11:43

Client ID: PMP-22-VS-S (1.5-2. Instrument: VOAMS4.i

Sample Info: 460-30837-E-8-A;;;5.04;5 Operator: VOAMS 9

43 m+p-Xylene



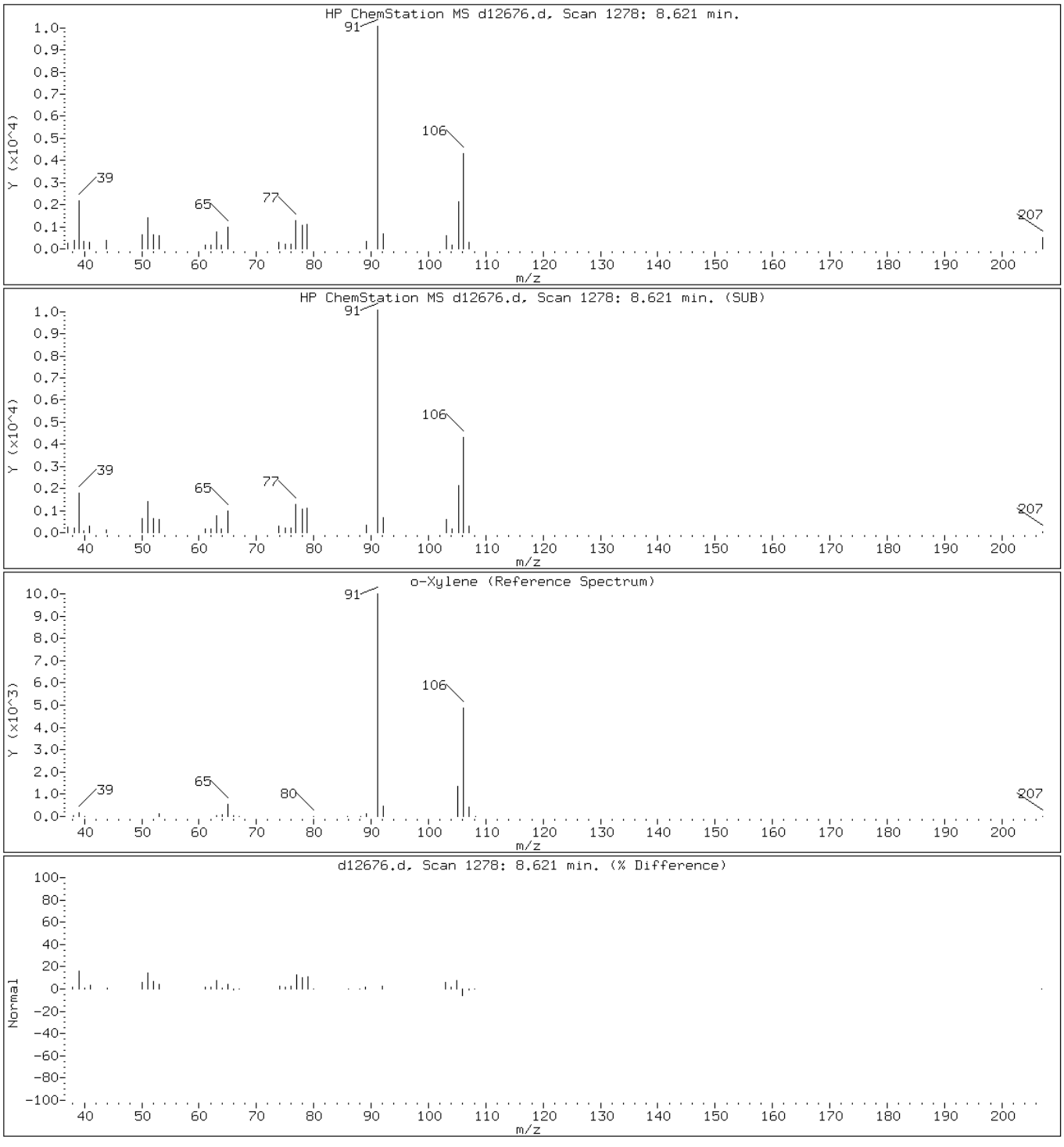
Data File: d12676.d

Date: 14-SEP-2011 11:43

Client ID: PMP-22-VS-S (1.5-2. Instrument: VOAMS4.i

Sample Info: 460-30837-E-8-A;;;5.04;5 Operator: VOAMS 9

44 o-Xylene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-22-VD-S (3.5-5.0) | Lab Sample ID: 460-30837-9

Matrix: Solid | Lab File ID: d12887.d

Analysis Method: 8260B | Date Collected: 09/08/2011 17:30

Sample wt/vol: 8.87(g) | Date Analyzed: 09/21/2011 08:13

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.2 | Level: (low/med) Low

Analysis Batch No.: 86784 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.59	U	0.59	0.38
74-83-9	Bromomethane	0.59	U	0.59	0.24
75-01-4	Vinyl chloride	0.59	U	0.59	0.14
75-00-3	Chloroethane	0.59	U	0.59	0.24
75-09-2	Methylene Chloride	0.78		0.59	0.28
67-64-1	Acetone	22	B	5.9	2.2
75-15-0	Carbon disulfide	0.59	U	0.59	0.28
75-69-4	Trichlorofluoromethane	0.59	U	0.59	0.15
75-35-4	1,1-Dichloroethene	0.59	U	0.59	0.22
75-34-3	1,1-Dichloroethane	0.59	U	0.59	0.15
156-60-5	trans-1,2-Dichloroethene	0.59	U	0.59	0.17
156-59-2	cis-1,2-Dichloroethene	0.59	U	0.59	0.14
67-66-3	Chloroform	0.59	U	0.59	0.14
78-93-3	2-Butanone	5.9	U	5.9	0.34
107-06-2	1,2-Dichloroethane	0.59	U	0.59	0.23
71-55-6	1,1,1-Trichloroethane	0.59	U	0.59	0.11
56-23-5	Carbon tetrachloride	0.59	U	0.59	0.060
71-43-2	Benzene	0.59	U	0.59	0.44
75-25-2	Bromoform	0.59	U	0.59	0.42
100-42-5	Styrene	0.59	U	0.59	0.21
100-41-4	Ethylbenzene	0.63		0.59	0.11
108-90-7	Chlorobenzene	0.59	U	0.59	0.29
110-82-7	Cyclohexane	0.59	U	0.59	0.13
98-82-8	Isopropylbenzene	0.59	U	0.59	0.15
591-78-6	2-Hexanone	5.9	U	5.9	0.99
1634-04-4	MTBE	0.59	U	0.59	0.20
76-13-1	Freon TF	0.59	U	0.59	0.28
79-20-9	Methyl acetate	0.59	U	0.59	0.53
123-91-1	1,4-Dioxane	30	U	30	2.5
79-01-6	Trichloroethene	0.59	U	0.59	0.22
108-88-3	Toluene	0.20	J	0.59	0.18
10061-02-6	trans-1,3-Dichloropropene	0.59	U	0.59	0.13
108-10-1	4-Methyl-2-pentanone	5.9	U	5.9	0.43
10061-01-5	cis-1,3-Dichloropropene	0.59	U	0.59	0.12
95-50-1	1,2-Dichlorobenzene	0.59	U	0.59	0.38
541-73-1	1,3-Dichlorobenzene	0.59	U	0.59	0.29

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-22-VD-S (3.5-5.0) | Lab Sample ID: 460-30837-9

Matrix: Solid | Lab File ID: d12887.d

Analysis Method: 8260B | Date Collected: 09/08/2011 17:30

Sample wt/vol: 8.87(g) | Date Analyzed: 09/21/2011 08:13

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.2 | Level: (low/med) Low

Analysis Batch No.: 86784 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.59	U	0.59	0.42
120-82-1	1,2,4-Trichlorobenzene	0.59	U	0.59	0.32
87-61-6	1,2,3-Trichlorobenzene	0.59	U	0.59	0.39
78-87-5	1,2-Dichloropropane	0.59	U	0.59	0.19
108-87-2	Methylcyclohexane	0.59	U	0.59	0.16
127-18-4	Tetrachloroethene	0.59	U	0.59	0.20
1330-20-7	Xylenes, Total	2.8		1.8	0.47
96-12-8	1,2-Dibromo-3-Chloropropane	0.59	U	0.59	0.36
79-34-5	1,1,2,2-Tetrachloroethane	0.59	U	0.59	0.45
79-00-5	1,1,2-Trichloroethane	0.59	U	0.59	0.35
124-48-1	Dibromochloromethane	0.59	U	0.59	0.33
106-93-4	1,2-Dibromoethane	0.59	U	0.59	0.31
75-71-8	Dichlorodifluoromethane	0.59	U	0.59	0.24
74-97-5	Bromochloromethane	0.59	U	0.59	0.16
75-27-4	Bromodichloromethane	0.59	U	0.59	0.18

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		70-138
2037-26-5	Toluene-d8 (Surr)	96		66-126
460-00-4	Bromofluorobenzene	92		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-22-VD-S (3.5-5.0) Lab Sample ID: 460-30837-9

Matrix: Solid Lab File ID: d12887.d

Analysis Method: 8260B Date Collected: 09/08/2011 17:30

Sample wt/vol: 8.87(g) Date Analyzed: 09/21/2011 08:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.2 Level: (low/med) Low

Analysis Batch No.: 86784 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/8260L_10/09-03-11/21sep11.b/d12887.d
Report Date: 21-Sep-2011 16:02

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/21sep11.b/d12887.d
Lab Smp Id: 460-30837-E-9-A Client Smp ID: PMP-22-VD-S (3.5-5.
Inj Date : 21-SEP-2011 08:13
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-30837-E-9-A;;;8.87;5
Misc Info : 460-30837-E-9-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/09-03-11/21sep11.b/8260L_10.m
Meth Date : 21-Sep-2011 05:11 audberto Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.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	8.87000	Weight of sample extracted (g)
M	5.16899	% 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	2.569	2.552	(0.553)	43026	37.1611	22
	6 Methylene Chloride	84	2.522	2.510	(0.543)	3895	1.31901	0.78
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.381	4.363	(0.943)	210973	54.6564	32
*	69 Fluorobenzene	96	4.646	4.640	(1.000)	405257	50.0000	
$	37 Toluene-d8 (SUR)	98	6.369	6.363	(0.793)	386670	48.1038	28
	38 Toluene	91	6.422	6.422	(0.800)	3645	0.34451	0.20(a)
*	32 Chlorobenzene-d5	117	8.028	8.028	(1.000)	274540	50.0000	
	40 Ethylbenzene	106	8.092	8.092	(1.008)	3775	1.06399	0.63
	43 m+p-Xylene	106	8.234	8.233	(1.026)	15279	3.41650	2.0
	44 o-Xylene	106	8.610	8.610	(1.073)	5634	1.22518	0.73
$	41 Bromofluorobenzene (SUR)	174	9.104	9.104	(0.912)	143137	45.7736	27
	100 1,2,4-Trimethylbenzene	105	9.692	9.692	(0.971)	4492	0.37576	0.22(a)
*	91 1,4-Dichlorobenzene-d4	152	9.980	9.980	(1.000)	154354	50.0000	
M	45 Xylene (Total)	100				20913	4.63266	2.8

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/21sep11.b/d12887.d
Report Date: 21-Sep-2011 16:02

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/21sep11.b/d12887.d
Report Date: 21-Sep-2011 16:02

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/21sep11.b/d12887.d
Lab Smp Id: 460-30837-E-9-A Client Smp ID: PMP-22-VD-S (3.5-5.
Inj Date : 21-SEP-2011 08:13
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-30837-E-9-A;;;8.87;5
Misc Info : 460-30837-E-9-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/09-03-11/21sep11.b/8260L_10.m
Meth Date : 21-Sep-2011 05:11 audberto Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.d
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

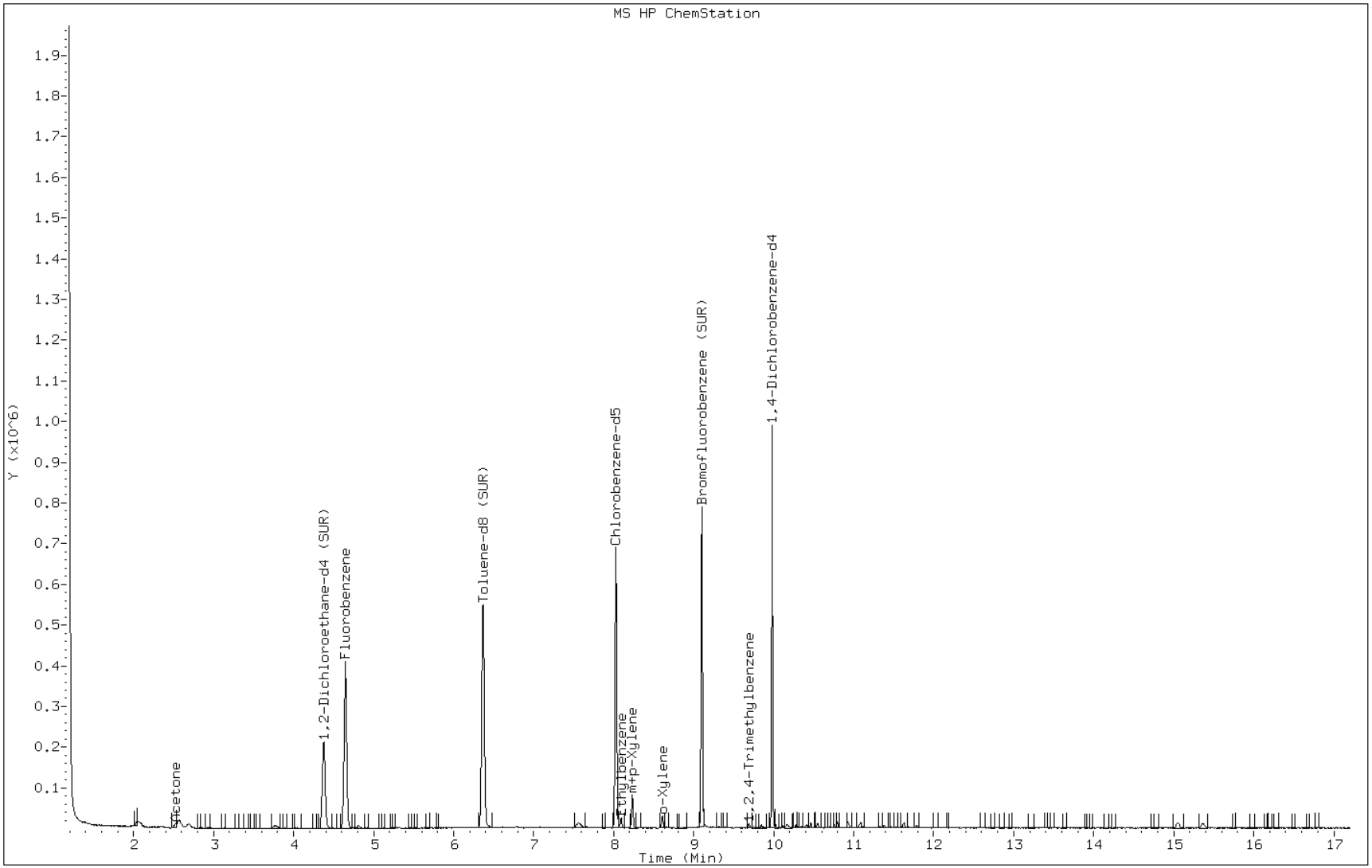
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: d12887.d

Date: 21-SEP-2011 08:13

Client ID: PMP-22-VD-S (3.5-5. Instrument: VOAMS4.i

Sample Info: 460-30837-E-9-A;;;8.87;5 Operator: VOAMS 9



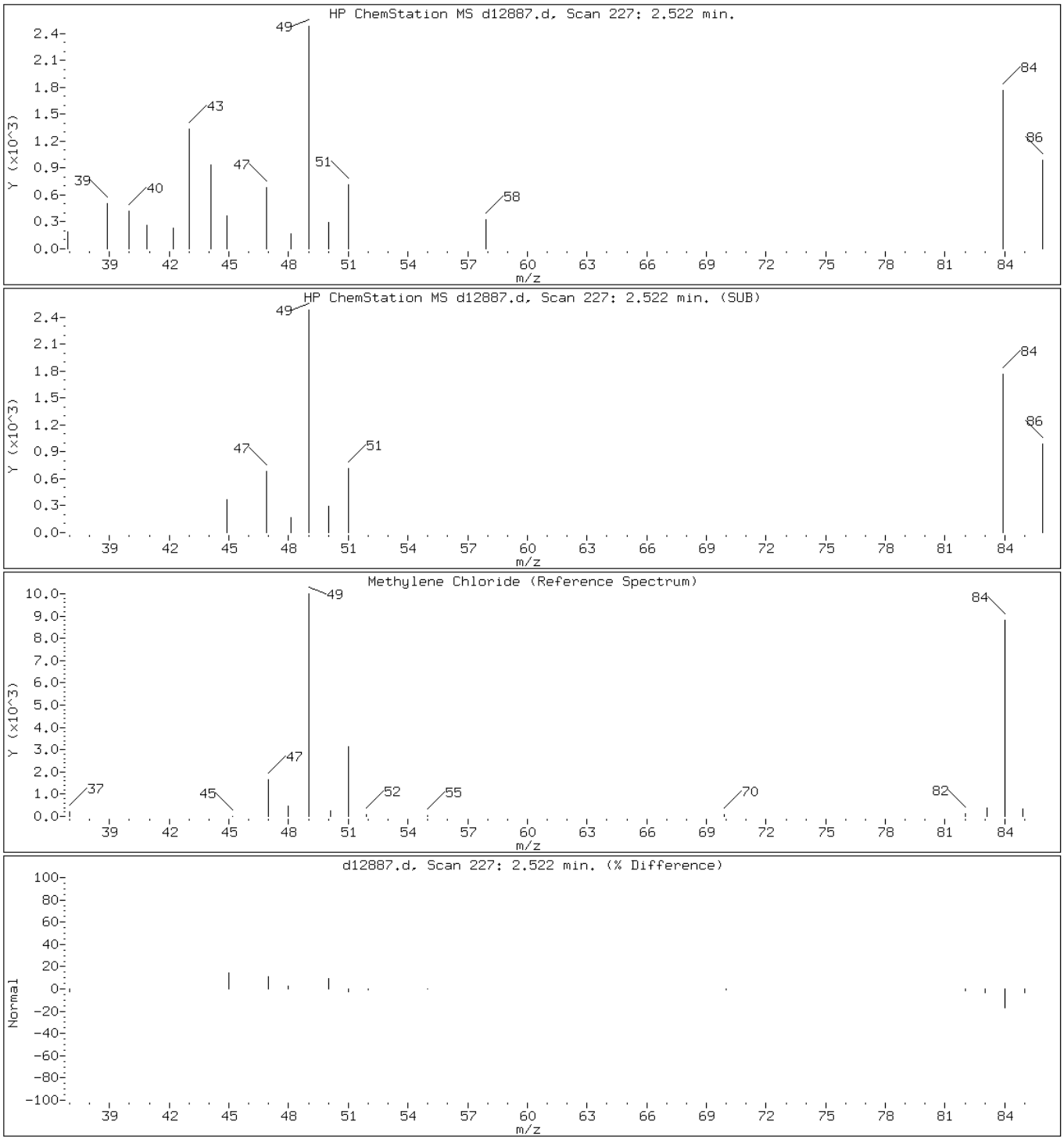
Data File: d12887.d

Date: 21-SEP-2011 08:13

Client ID: PMP-22-VD-S (3.5-5. Instrument: VOAMS4.i

Sample Info: 460-30837-E-9-A;;;8.87;5 Operator: VOAMS 9

6 Methylene Chloride



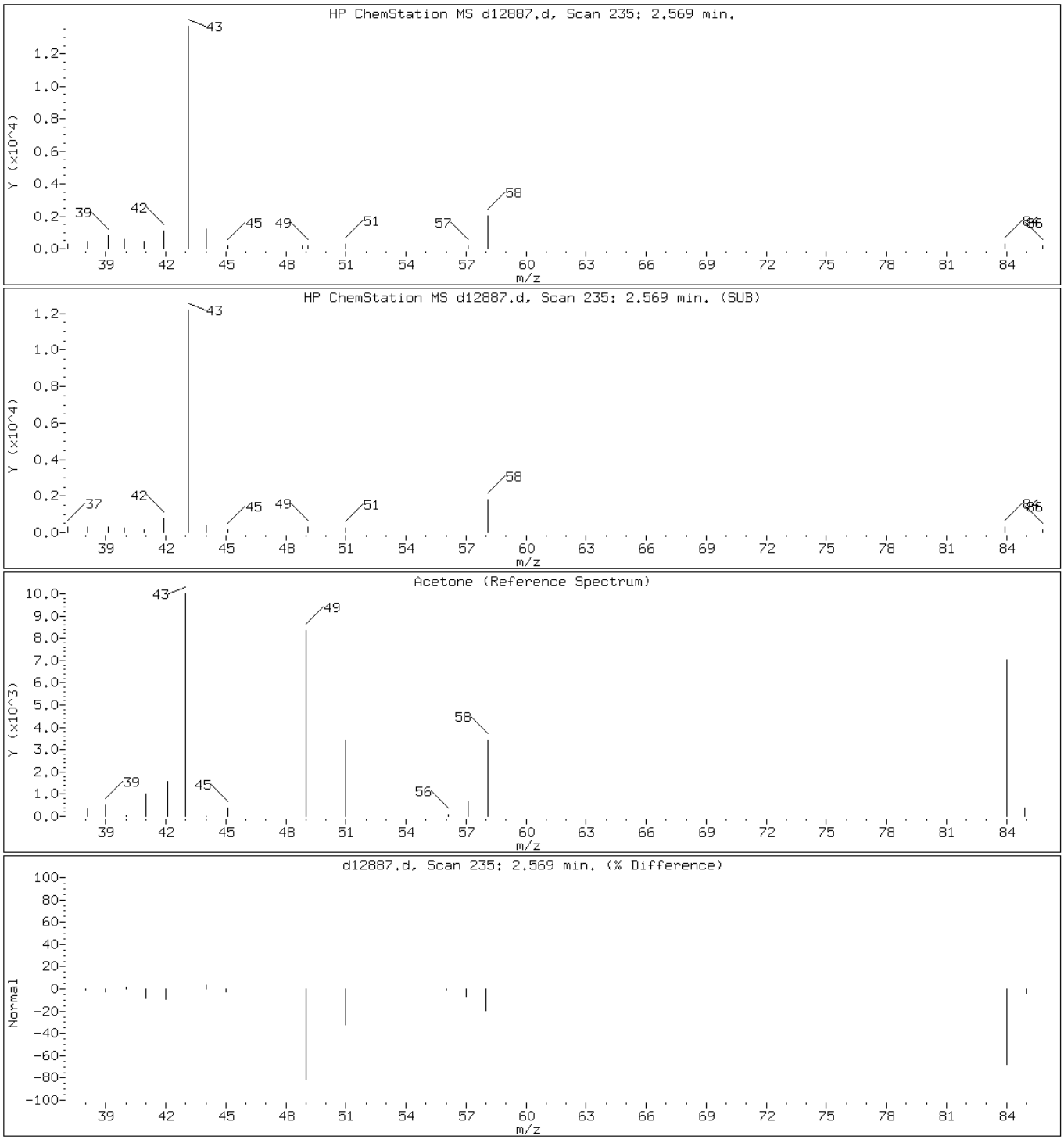
Data File: d12887.d

Date: 21-SEP-2011 08:13

Client ID: PMP-22-VD-S (3.5-5. Instrument: VOAMS4.i

Sample Info: 460-30837-E-9-A;;;8.87;5 Operator: VOAMS 9

7 Acetone



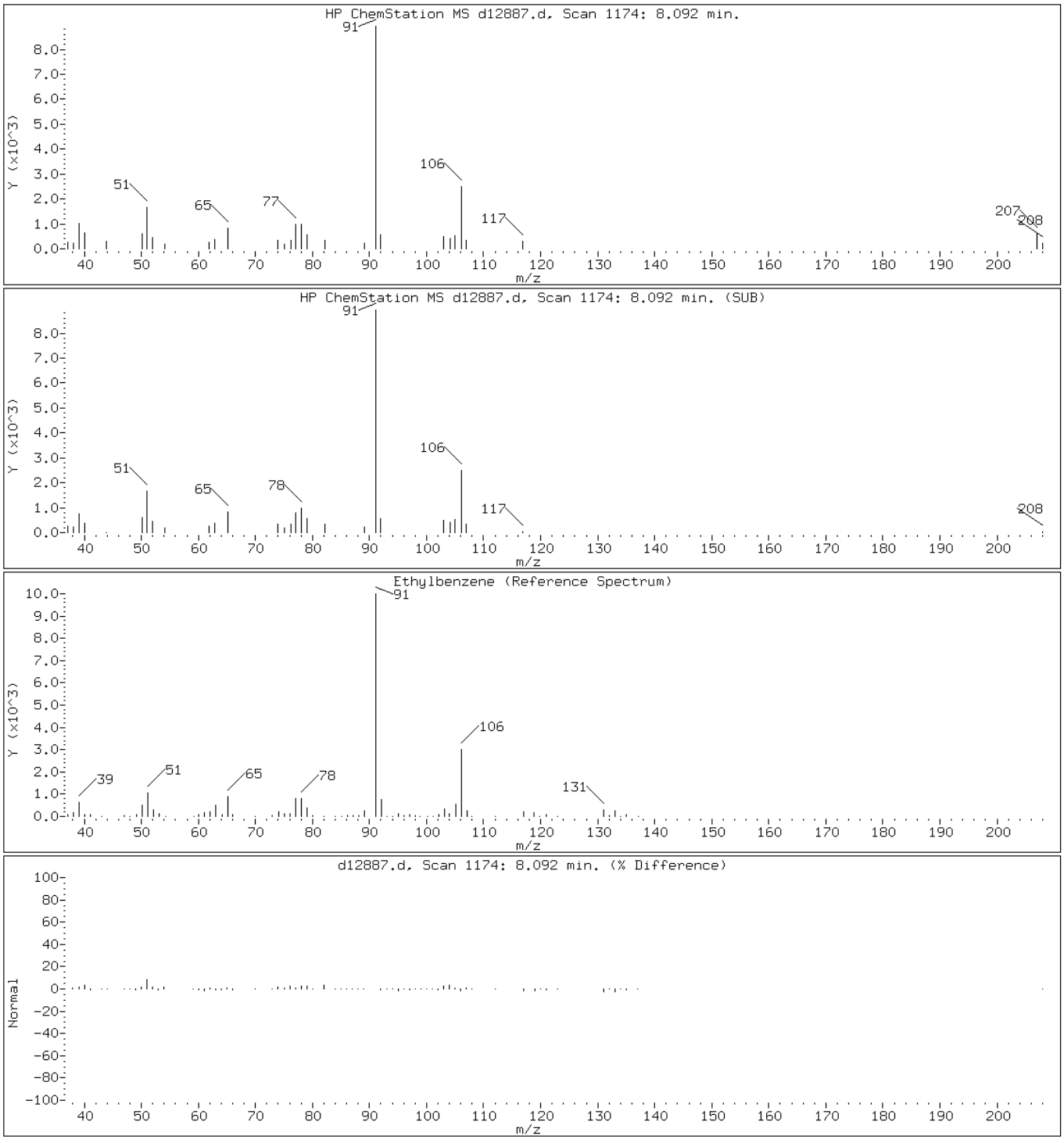
Data File: d12887.d

Date: 21-SEP-2011 08:13

Client ID: PMP-22-VD-S (3.5-5. Instrument: VOAMS4.i

Sample Info: 460-30837-E-9-A;;;8.87;5 Operator: VOAMS 9

40 Ethylbenzene



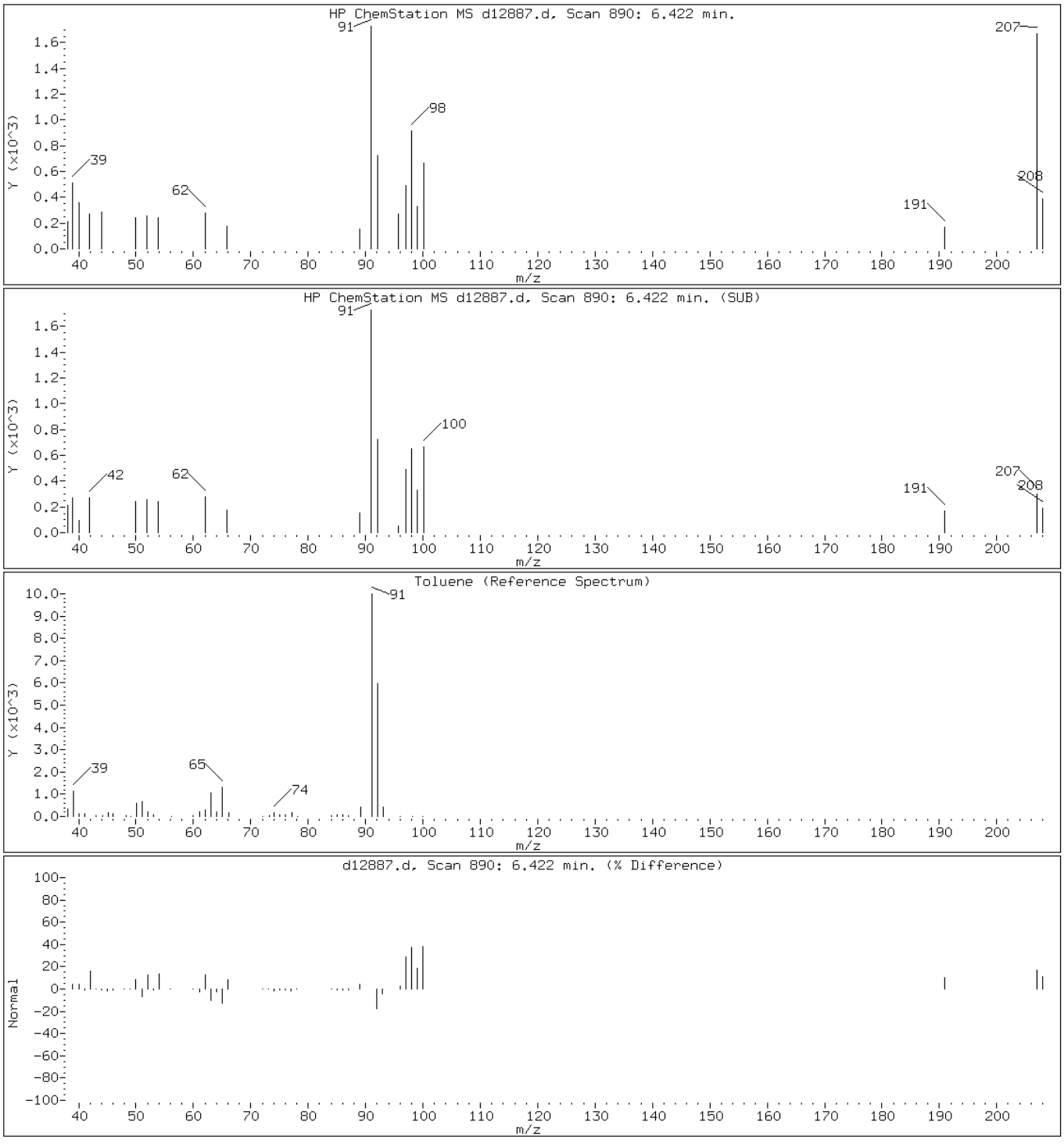
Data File: d12887.d

Date: 21-SEP-2011 08:13

Client ID: PMP-22-VD-S (3.5-5. Instrument: VOAMS4.i

Sample Info: 460-30837-E-9-A;;;8.87;5 Operator: VOAMS 9

38 Toluene



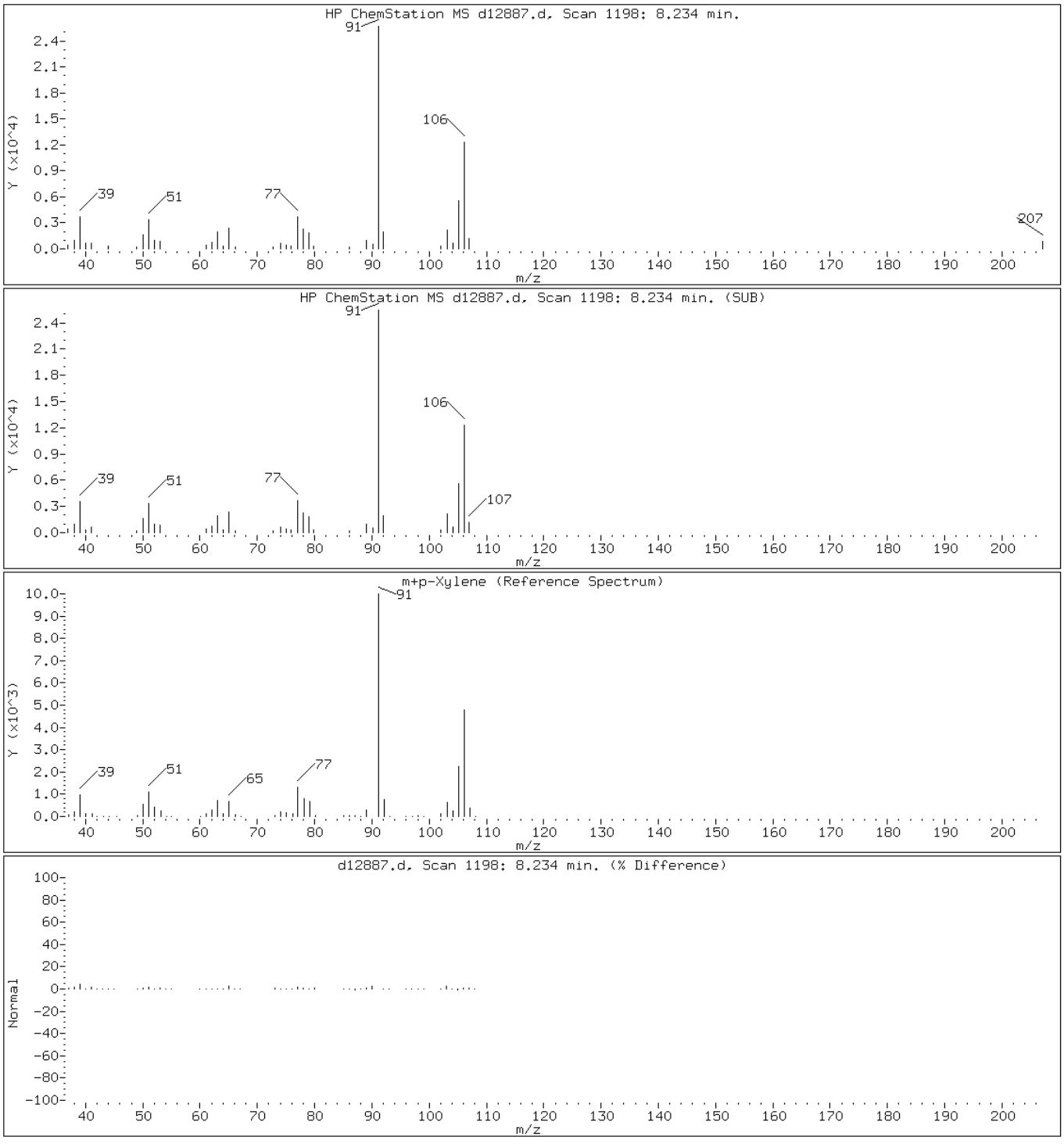
Data File: d12887.d

Date: 21-SEP-2011 08:13

Client ID: PMP-22-VD-S (3.5-5. Instrument: VOAMS4.i

Sample Info: 460-30837-E-9-A;;;8.87;5 Operator: VOAMS 9

43 m+p-Xylene



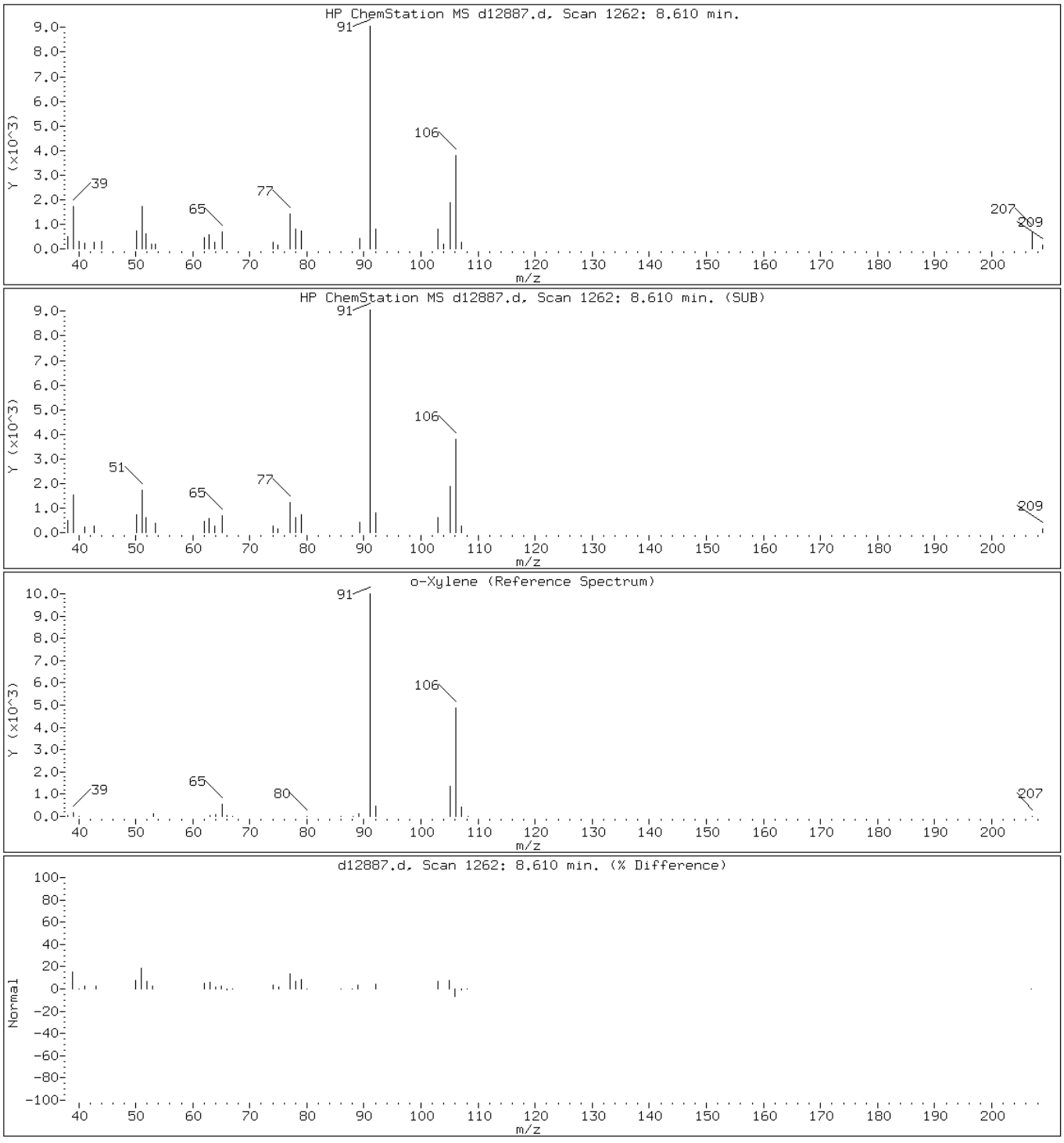
Data File: d12887.d

Date: 21-SEP-2011 08:13

Client ID: PMP-22-VD-S (3.5-5. Instrument: VOAMS4.i

Sample Info: 460-30837-E-9-A;;;8.87;5 Operator: VOAMS 9

44 o-Xylene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-22-WT-S (7.0-8.5) Lab Sample ID: 460-30837-10

Matrix: Solid Lab File ID: d12677.d

Analysis Method: 8260B Date Collected: 09/08/2011 17:35

Sample wt/vol: 8.18(g) Date Analyzed: 09/14/2011 12:08

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 16.2 Level: (low/med) Low

Analysis Batch No.: 86004 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.73	U	0.73	0.46
74-83-9	Bromomethane	0.73	U	0.73	0.30
75-01-4	Vinyl chloride	0.73	U	0.73	0.17
75-00-3	Chloroethane	0.73	U	0.73	0.29
75-09-2	Methylene Chloride	0.91		0.73	0.34
67-64-1	Acetone	7.7		7.3	2.7
75-15-0	Carbon disulfide	0.73	U	0.73	0.34
75-69-4	Trichlorofluoromethane	0.73	U	0.73	0.19
75-35-4	1,1-Dichloroethene	0.73	U	0.73	0.27
75-34-3	1,1-Dichloroethane	0.73	U	0.73	0.18
156-60-5	trans-1,2-Dichloroethene	0.73	U	0.73	0.21
156-59-2	cis-1,2-Dichloroethene	0.73	U	0.73	0.17
67-66-3	Chloroform	0.73	U	0.73	0.17
78-93-3	2-Butanone	7.3	U	7.3	0.42
107-06-2	1,2-Dichloroethane	0.73	U	0.73	0.28
71-55-6	1,1,1-Trichloroethane	0.73	U	0.73	0.14
56-23-5	Carbon tetrachloride	0.73	U	0.73	0.074
71-43-2	Benzene	0.73	U	0.73	0.54
75-25-2	Bromoform	0.73	U	0.73	0.51
100-42-5	Styrene	0.73	U	0.73	0.25
100-41-4	Ethylbenzene	0.73	U	0.73	0.14
108-90-7	Chlorobenzene	0.73	U	0.73	0.35
110-82-7	Cyclohexane	0.73	U	0.73	0.16
98-82-8	Isopropylbenzene	0.73	U	0.73	0.19
591-78-6	2-Hexanone	7.3	U	7.3	1.2
1634-04-4	MTBE	0.73	U	0.73	0.25
76-13-1	Freon TF	0.73	U	0.73	0.35
79-20-9	Methyl acetate	0.73	U	0.73	0.65
123-91-1	1,4-Dioxane	36	U	36	3.0
79-01-6	Trichloroethene	0.73	U	0.73	0.26
108-88-3	Toluene	0.73	U	0.73	0.22
10061-02-6	trans-1,3-Dichloropropene	0.73	U	0.73	0.16
108-10-1	4-Methyl-2-pentanone	7.3	U	7.3	0.52
10061-01-5	cis-1,3-Dichloropropene	0.73	U	0.73	0.15
95-50-1	1,2-Dichlorobenzene	0.73	U	0.73	0.46
541-73-1	1,3-Dichlorobenzene	0.73	U	0.73	0.35

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-22-WT-S (7.0-8.5) | Lab Sample ID: 460-30837-10

Matrix: Solid | Lab File ID: d12677.d

Analysis Method: 8260B | Date Collected: 09/08/2011 17:35

Sample wt/vol: 8.18(g) | Date Analyzed: 09/14/2011 12:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 16.2 | Level: (low/med) Low

Analysis Batch No.: 86004 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.73	U	0.73	0.52
120-82-1	1,2,4-Trichlorobenzene	0.73	U	0.73	0.39
87-61-6	1,2,3-Trichlorobenzene	0.73	U	0.73	0.47
78-87-5	1,2-Dichloropropane	0.73	U	0.73	0.23
108-87-2	Methylcyclohexane	0.73	U	0.73	0.20
127-18-4	Tetrachloroethene	0.73	U	0.73	0.24
1330-20-7	Xylenes, Total	2.2	U	2.2	0.57
96-12-8	1,2-Dibromo-3-Chloropropane	0.73	U	0.73	0.45
79-34-5	1,1,2,2-Tetrachloroethane	0.73	U	0.73	0.55
79-00-5	1,1,2-Trichloroethane	0.73	U	0.73	0.43
124-48-1	Dibromochloromethane	0.73	U	0.73	0.41
106-93-4	1,2-Dibromoethane	0.73	U	0.73	0.38
75-71-8	Dichlorodifluoromethane	0.73	U	0.73	0.30
74-97-5	Bromochloromethane	0.73	U	0.73	0.20
75-27-4	Bromodichloromethane	0.73	U	0.73	0.22

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-138
2037-26-5	Toluene-d8 (Surr)	95		66-126
460-00-4	Bromofluorobenzene	88		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-22-WT-S (7.0-8.5) Lab Sample ID: 460-30837-10

Matrix: Solid Lab File ID: d12677.d

Analysis Method: 8260B Date Collected: 09/08/2011 17:35

Sample wt/vol: 8.18(g) Date Analyzed: 09/14/2011 12:08

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 16.2 Level: (low/med) Low

Analysis Batch No.: 86004 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/8260L_10/09-03-11/14sep11.b/d12677.d
Report Date: 15-Sep-2011 11:31

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/d12677.d
Lab Smp Id: 460-30837-E-10-A Client Smp ID: PMP-22-WT-S (7.0-8.
Inj Date : 14-SEP-2011 12:08
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-30837-E-10-A;;;8.18;5
Misc Info : 460-30837-E-10-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/8260L_10.m
Meth Date : 14-Sep-2011 04:31 audberto Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.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	8.18000	Weight of sample extracted (g)
M	16.21094	% 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	2.580	2.580	(0.554)	11325	10.5482	7.7
	6 Methylene Chloride	84	2.527	2.527	(0.543)	3419	1.24881	0.91
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.386	4.392	(0.942)	188523	52.6674	38
*	69 Fluorobenzene	96	4.656	4.662	(1.000)	375811	50.0000	
$	37 Toluene-d8 (SUR)	98	6.380	6.386	(0.794)	365409	47.4529	35
*	32 Chlorobenzene-d5	117	8.038	8.038	(1.000)	263003	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.115	9.115	(0.912)	139704	44.2449	32
*	91 1,4-Dichlorobenzene-d4	152	9.991	9.991	(1.000)	155857	50.0000	

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/d12677.d
Report Date: 15-Sep-2011 11:31

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/d12677.d
Lab Smp Id: 460-30837-E-10-A Client Smp ID: PMP-22-WT-S (7.0-8.
Inj Date : 14-SEP-2011 12:08
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-30837-E-10-A;;;8.18;5
Misc Info : 460-30837-E-10-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/8260L_10.m
Meth Date : 14-Sep-2011 04:31 audberto Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.d
Als bottle: 18
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

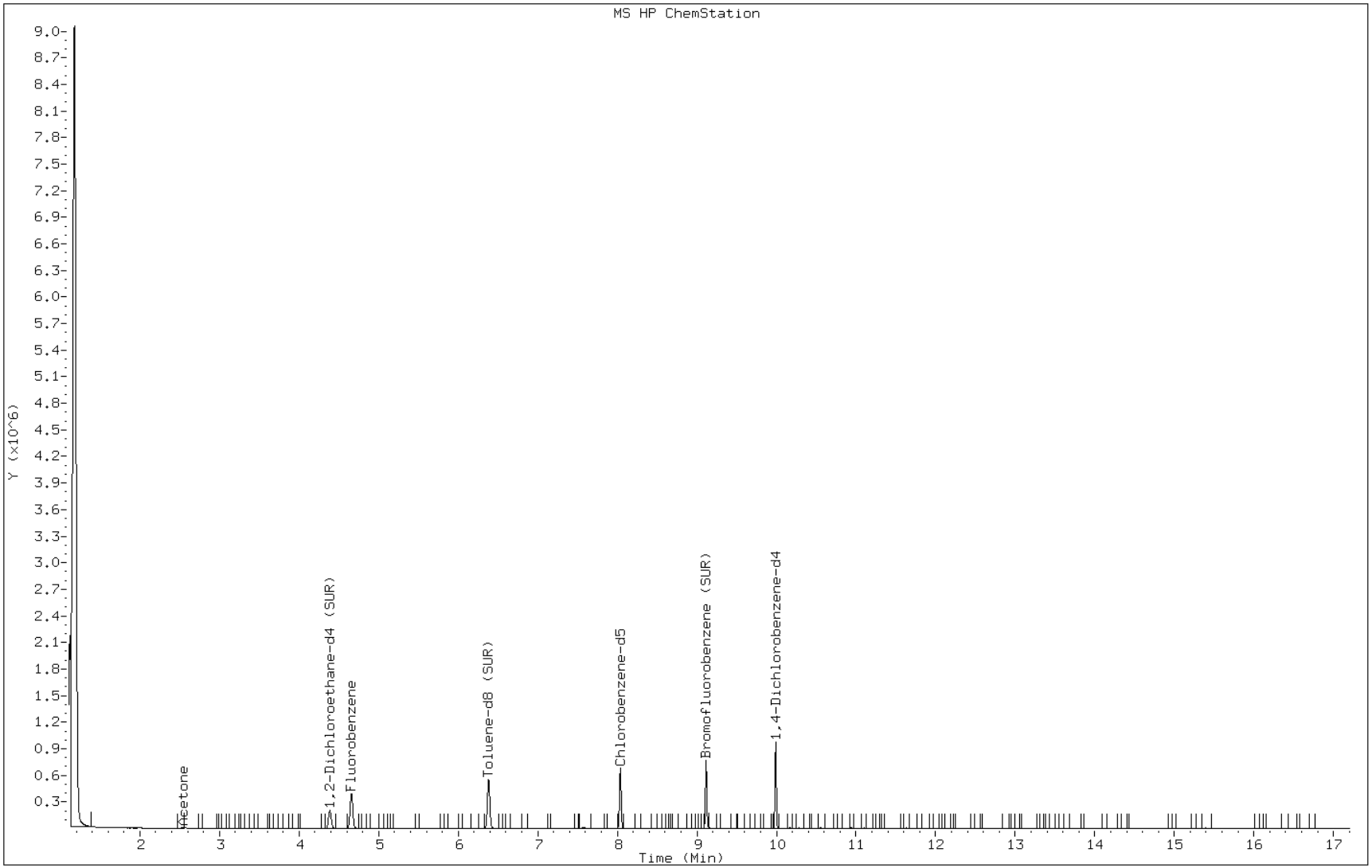
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: d12677.d

Date: 14-SEP-2011 12:08

Client ID: PMP-22-WT-S (7.0-8. Instrument: VOAMS4.i

Sample Info: 460-30837-E-10-A;;;8.18;5 Operator: VOAMS 9



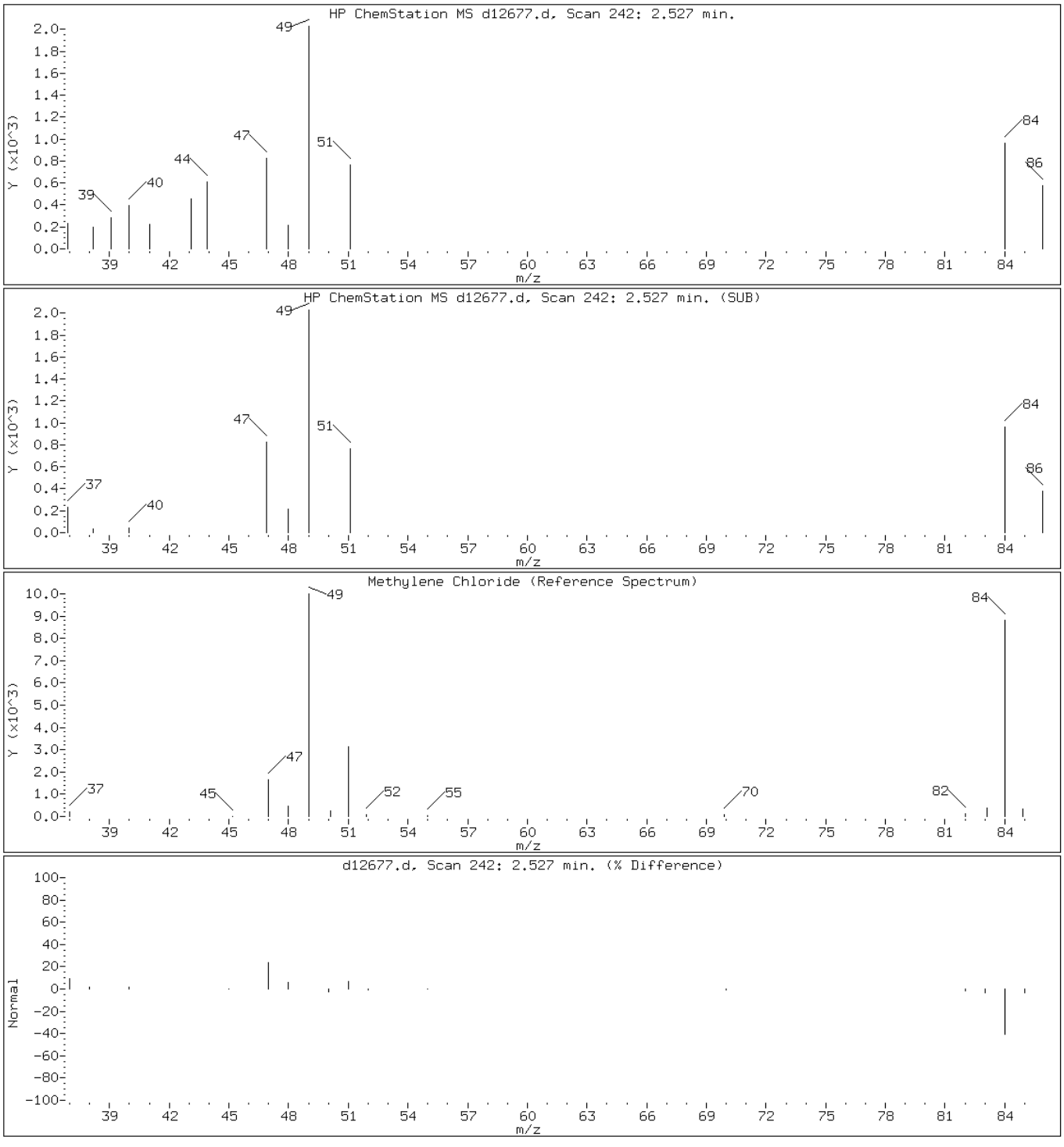
Data File: d12677.d

Date: 14-SEP-2011 12:08

Client ID: PMP-22-WT-S (7.0-8. Instrument: VOAMS4.i

Sample Info: 460-30837-E-10-A;;;8.18;5 Operator: VOAMS 9

6 Methylene Chloride



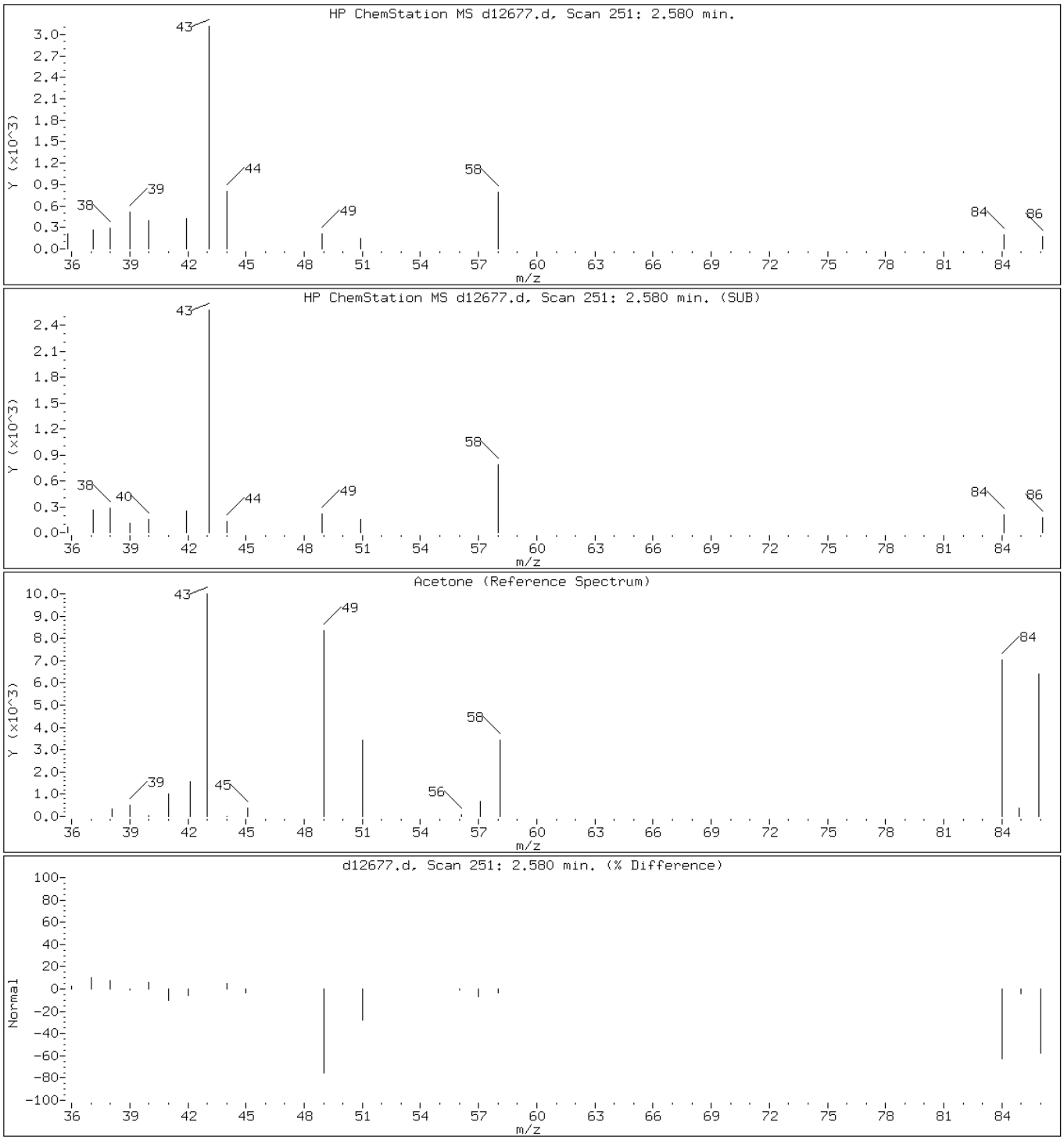
Data File: d12677.d

Date: 14-SEP-2011 12:08

Client ID: PMP-22-WT-S (7.0-8. Instrument: VOAMS4.i

Sample Info: 460-30837-E-10-A;;;8.18;5 Operator: VOAMS 9

7 Acetone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-23-VS-S (1-3) | Lab Sample ID: 460-30837-11

Matrix: Solid | Lab File ID: d12678.d

Analysis Method: 8260B | Date Collected: 09/08/2011 17:40

Sample wt/vol: 4.39(g) | Date Analyzed: 09/14/2011 12:32

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.7 | Level: (low/med) Low

Analysis Batch No.: 86004 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.2	U	1.2	0.76
74-83-9	Bromomethane	1.2	U	1.2	0.49
75-01-4	Vinyl chloride	1.2	U	1.2	0.28
75-00-3	Chloroethane	1.2	U	1.2	0.48
75-09-2	Methylene Chloride	2.6		1.2	0.56
67-64-1	Acetone	31		12	4.4
75-15-0	Carbon disulfide	1.2	U	1.2	0.56
75-69-4	Trichlorofluoromethane	1.2	U	1.2	0.31
75-35-4	1,1-Dichloroethene	1.2	U	1.2	0.44
75-34-3	1,1-Dichloroethane	1.2	U	1.2	0.30
156-60-5	trans-1,2-Dichloroethene	1.2	U	1.2	0.34
156-59-2	cis-1,2-Dichloroethene	1.2	U	1.2	0.28
67-66-3	Chloroform	1.2	U	1.2	0.28
78-93-3	2-Butanone	12	U	12	0.68
107-06-2	1,2-Dichloroethane	1.2	U	1.2	0.47
71-55-6	1,1,1-Trichloroethane	1.2	U	1.2	0.22
56-23-5	Carbon tetrachloride	1.2	U	1.2	0.12
71-43-2	Benzene	1.2	U	1.2	0.88
75-25-2	Bromoform	1.2	U	1.2	0.84
100-42-5	Styrene	1.2	U	1.2	0.41
100-41-4	Ethylbenzene	1.2		1.2	0.23
108-90-7	Chlorobenzene	1.2	U	1.2	0.58
110-82-7	Cyclohexane	1.2	U	1.2	0.27
98-82-8	Isopropylbenzene	1.2	U	1.2	0.31
591-78-6	2-Hexanone	12	U	12	2.0
1634-04-4	MTBE	1.2	U	1.2	0.41
76-13-1	Freon TF	1.2	U	1.2	0.57
79-20-9	Methyl acetate	1.2	U	1.2	1.1
123-91-1	1,4-Dioxane	60	U	60	5.0
79-01-6	Trichloroethene	1.2	U	1.2	0.43
108-88-3	Toluene	0.83	J	1.2	0.36
10061-02-6	trans-1,3-Dichloropropene	1.2	U	1.2	0.26
108-10-1	4-Methyl-2-pentanone	12	U	12	0.85
10061-01-5	cis-1,3-Dichloropropene	1.2	U	1.2	0.24
95-50-1	1,2-Dichlorobenzene	1.2	U	1.2	0.76
541-73-1	1,3-Dichlorobenzene	1.2	U	1.2	0.58

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-23-VS-S (1-3) | Lab Sample ID: 460-30837-11

Matrix: Solid | Lab File ID: d12678.d

Analysis Method: 8260B | Date Collected: 09/08/2011 17:40

Sample wt/vol: 4.39(g) | Date Analyzed: 09/14/2011 12:32

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.7 | Level: (low/med) Low

Analysis Batch No.: 86004 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1.2	U	1.2	0.85
120-82-1	1,2,4-Trichlorobenzene	1.2	U	1.2	0.64
87-61-6	1,2,3-Trichlorobenzene	1.2	U	1.2	0.77
78-87-5	1,2-Dichloropropane	1.2	U	1.2	0.38
108-87-2	Methylcyclohexane	1.2	U	1.2	0.33
127-18-4	Tetrachloroethene	1.2	U	1.2	0.39
1330-20-7	Xylenes, Total	4.1		3.6	0.94
96-12-8	1,2-Dibromo-3-Chloropropane	1.2	U	1.2	0.73
79-34-5	1,1,2,2-Tetrachloroethane	1.2	U	1.2	0.91
79-00-5	1,1,2-Trichloroethane	1.2	U	1.2	0.71
124-48-1	Dibromochloromethane	1.2	U	1.2	0.67
106-93-4	1,2-Dibromoethane	1.2	U	1.2	0.62
75-71-8	Dichlorodifluoromethane	1.2	U	1.2	0.49
74-97-5	Bromochloromethane	1.2	U	1.2	0.32
75-27-4	Bromodichloromethane	1.2	U	1.2	0.36

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		70-138
2037-26-5	Toluene-d8 (Surr)	96		66-126
460-00-4	Bromofluorobenzene	98		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-23-VS-S (1-3) Lab Sample ID: 460-30837-11

Matrix: Solid Lab File ID: d12678.d

Analysis Method: 8260B Date Collected: 09/08/2011 17:40

Sample wt/vol: 4.39(g) Date Analyzed: 09/14/2011 12:32

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.7 Level: (low/med) Low

Analysis Batch No.: 86004 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/8260L_10/09-03-11/14sep11.b/d12678.d
Report Date: 15-Sep-2011 11:31

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/d12678.d
Lab Smp Id: 460-30837-E-11-A Client Smp ID: PMP-23-VS-S (1-3)
Inj Date : 14-SEP-2011 12:32
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-30837-E-11-A;;;4.39;5
Misc Info : 460-30837-E-11-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/8260L_10.m
Meth Date : 14-Sep-2011 04:31 audberto Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.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	4.39000	Weight of sample extracted (g)
M	4.70588	% 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	2.580	2.580	(0.553)	26891	26.0239	31
	6 Methylene Chloride	84	2.539	2.527	(0.545)	5705	2.16473	2.6
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.392	4.392	(0.942)	196127	56.9324	68
*	69 Fluorobenzene	96	4.662	4.662	(1.000)	361679	50.0000	
$	37 Toluene-d8 (SUR)	98	6.386	6.386	(0.794)	365456	48.2223	58
	38 Toluene	91	6.438	6.444	(0.801)	6914	0.69312	0.83(a)
*	32 Chlorobenzene-d5	117	8.038	8.038	(1.000)	258840	50.0000	
	40 Ethylbenzene	106	8.103	8.103	(1.008)	3374	1.00865	1.2
	43 m+p-Xylene	106	8.244	8.244	(1.026)	11483	2.72343	3.2(H)
	44 o-Xylene	106	8.621	8.621	(1.072)	3193	0.73647	0.88(aH)
$	41 Bromofluorobenzene (SUR)	174	9.115	9.115	(0.912)	144741	49.2202	59
*	91 1,4-Dichlorobenzene-d4	152	9.991	9.991	(1.000)	145154	50.0000	
M	45 Xylene (Total)	100				14676	3.44823	4.1

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/d12678.d
Report Date: 15-Sep-2011 11:31

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/d12678.d
Report Date: 15-Sep-2011 11:31

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/d12678.d
Lab Smp Id: 460-30837-E-11-A Client Smp ID: PMP-23-VS-S (1-3)
Inj Date : 14-SEP-2011 12:32
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-30837-E-11-A;;;4.39;5
Misc Info : 460-30837-E-11-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/8260L_10.m
Meth Date : 14-Sep-2011 04:31 audberto Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.d
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

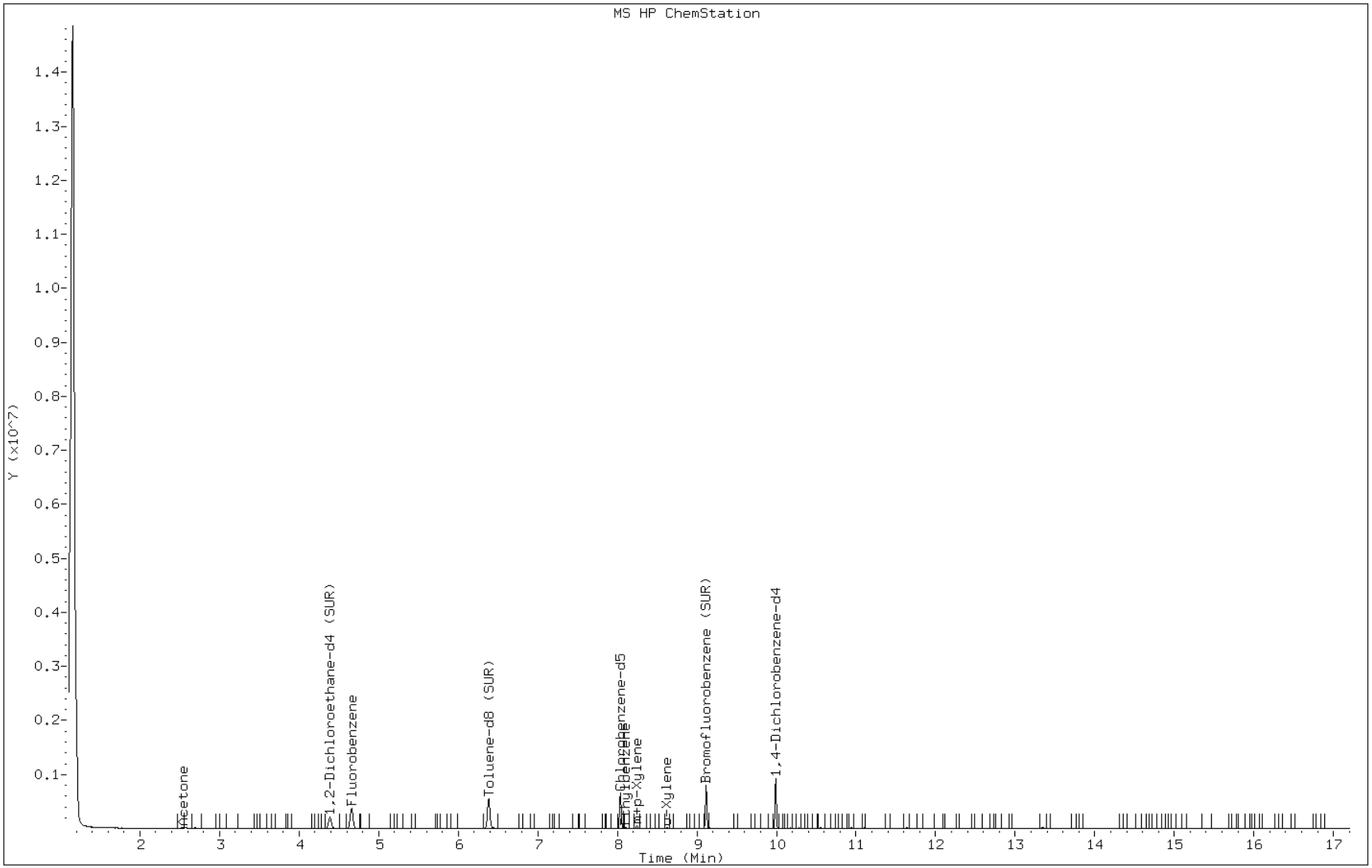
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: d12678.d

Date: 14-SEP-2011 12:32

Client ID: PMP-23-VS-S (1-3) Instrument: VOAMS4.i

Sample Info: 460-30837-E-11-A;;;4.39;5 Operator: VOAMS 9



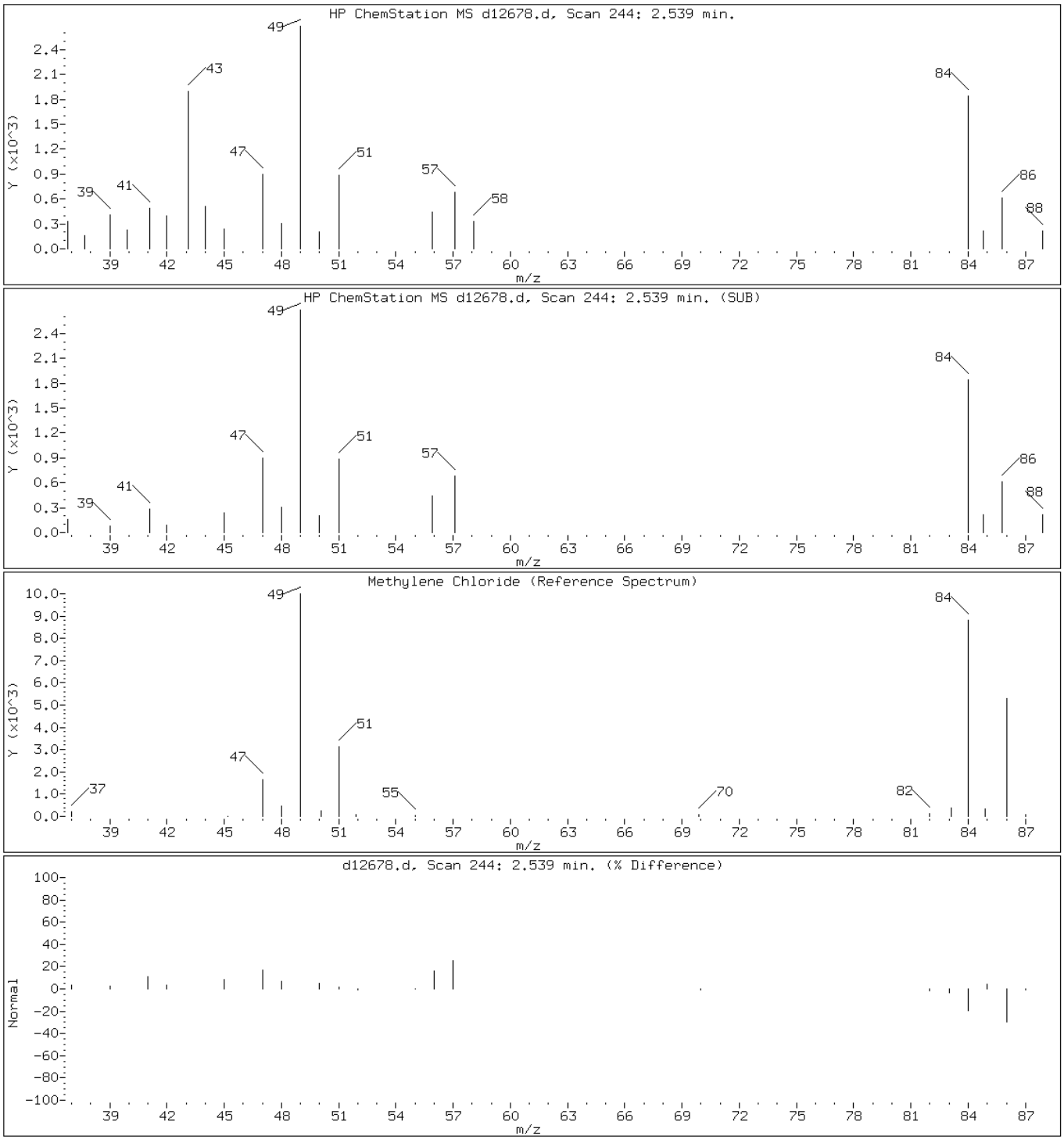
Data File: d12678.d

Date: 14-SEP-2011 12:32

Client ID: PMP-23-VS-S (1-3) Instrument: VOAMS4.i

Sample Info: 460-30837-E-11-A;;;4.39;5 Operator: VOAMS 9

6 Methylene Chloride



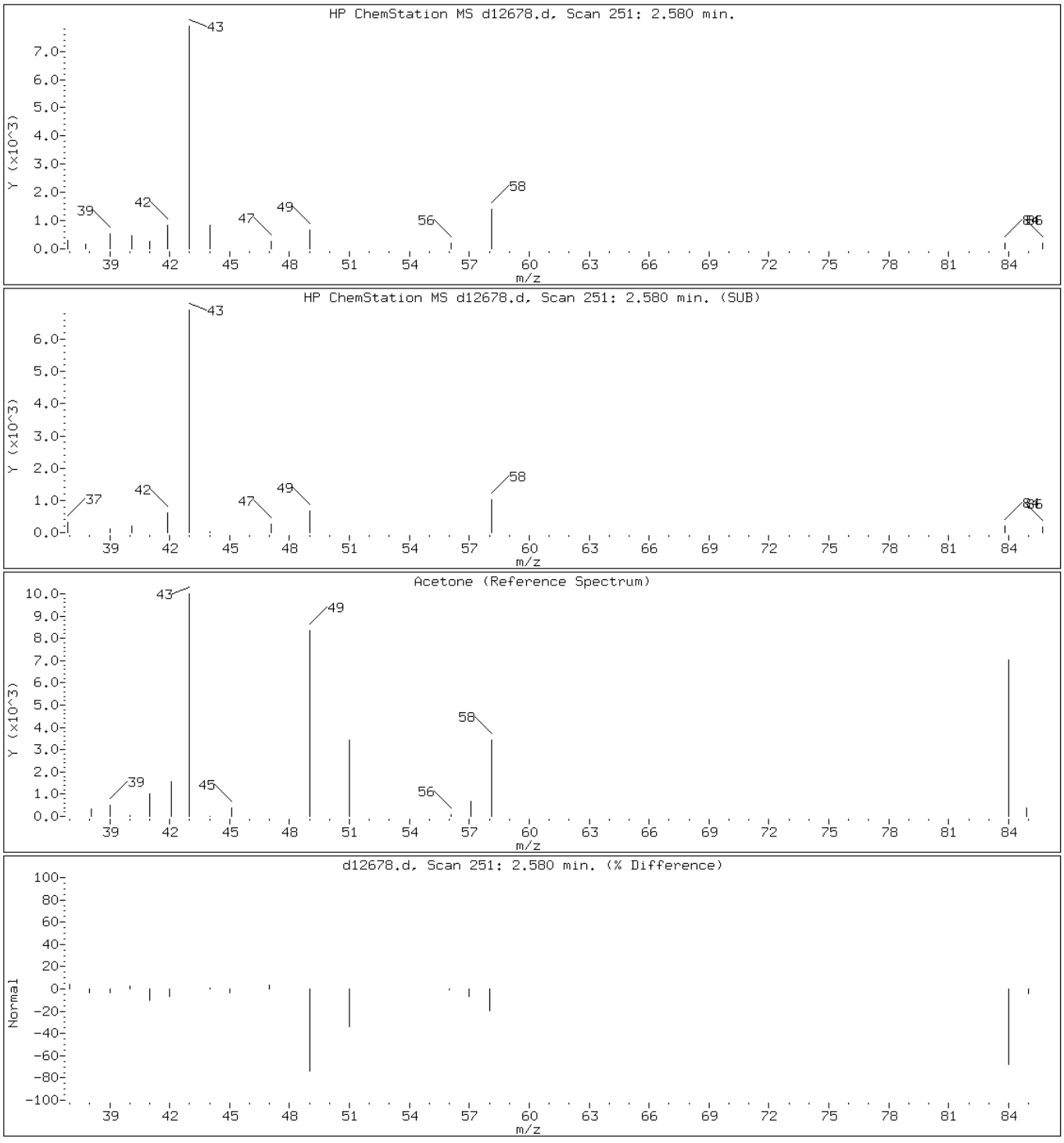
Data File: d12678.d

Date: 14-SEP-2011 12:32

Client ID: PMP-23-VS-S (1-3) Instrument: VOAMS4.i

Sample Info: 460-30837-E-11-A;;;4.39;5 Operator: VOAMS 9

7 Acetone



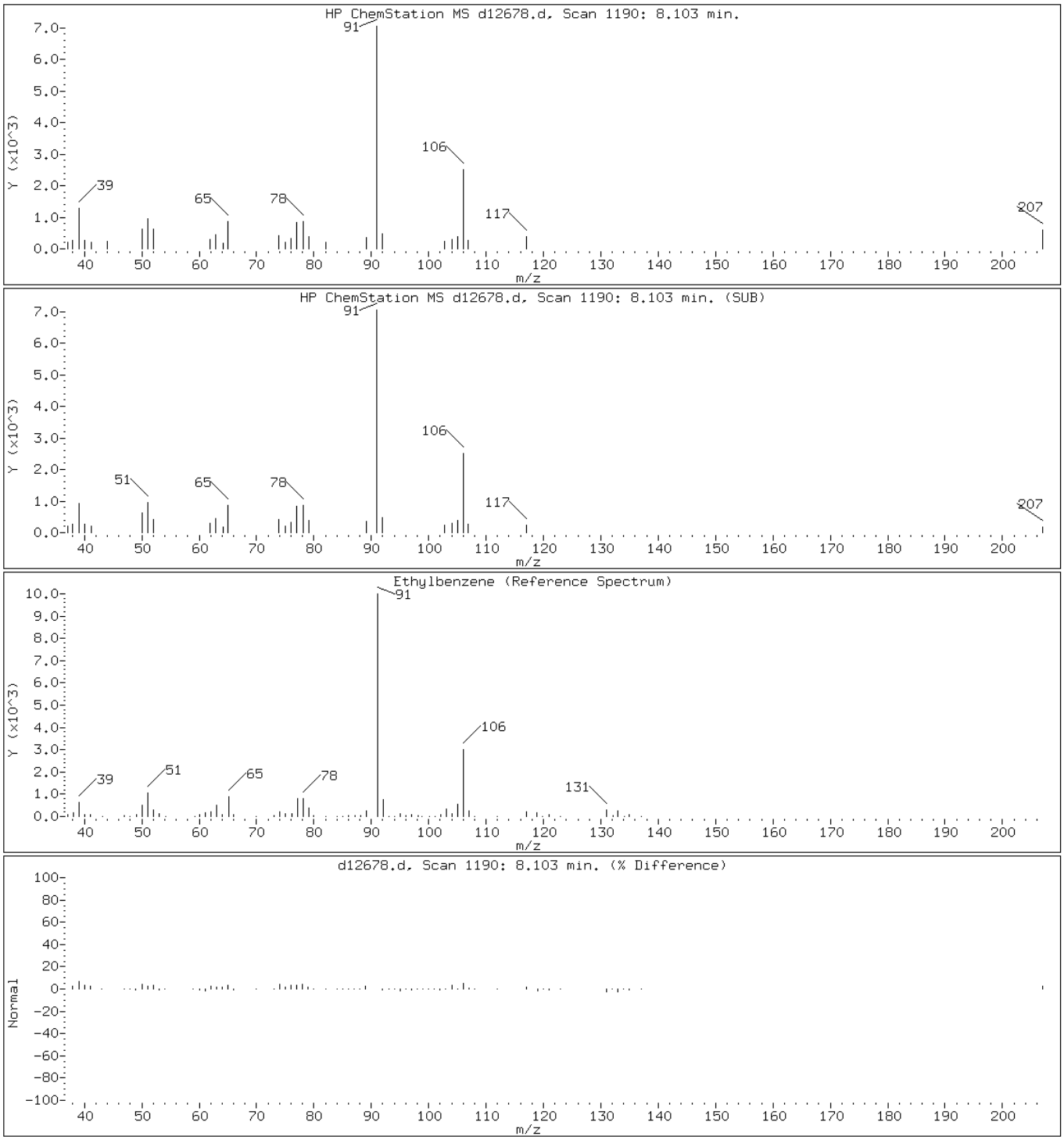
Data File: d12678.d

Date: 14-SEP-2011 12:32

Client ID: PMP-23-VS-S (1-3) Instrument: VOAMS4.i

Sample Info: 460-30837-E-11-A;;;4.39;5 Operator: VOAMS 9

40 Ethylbenzene



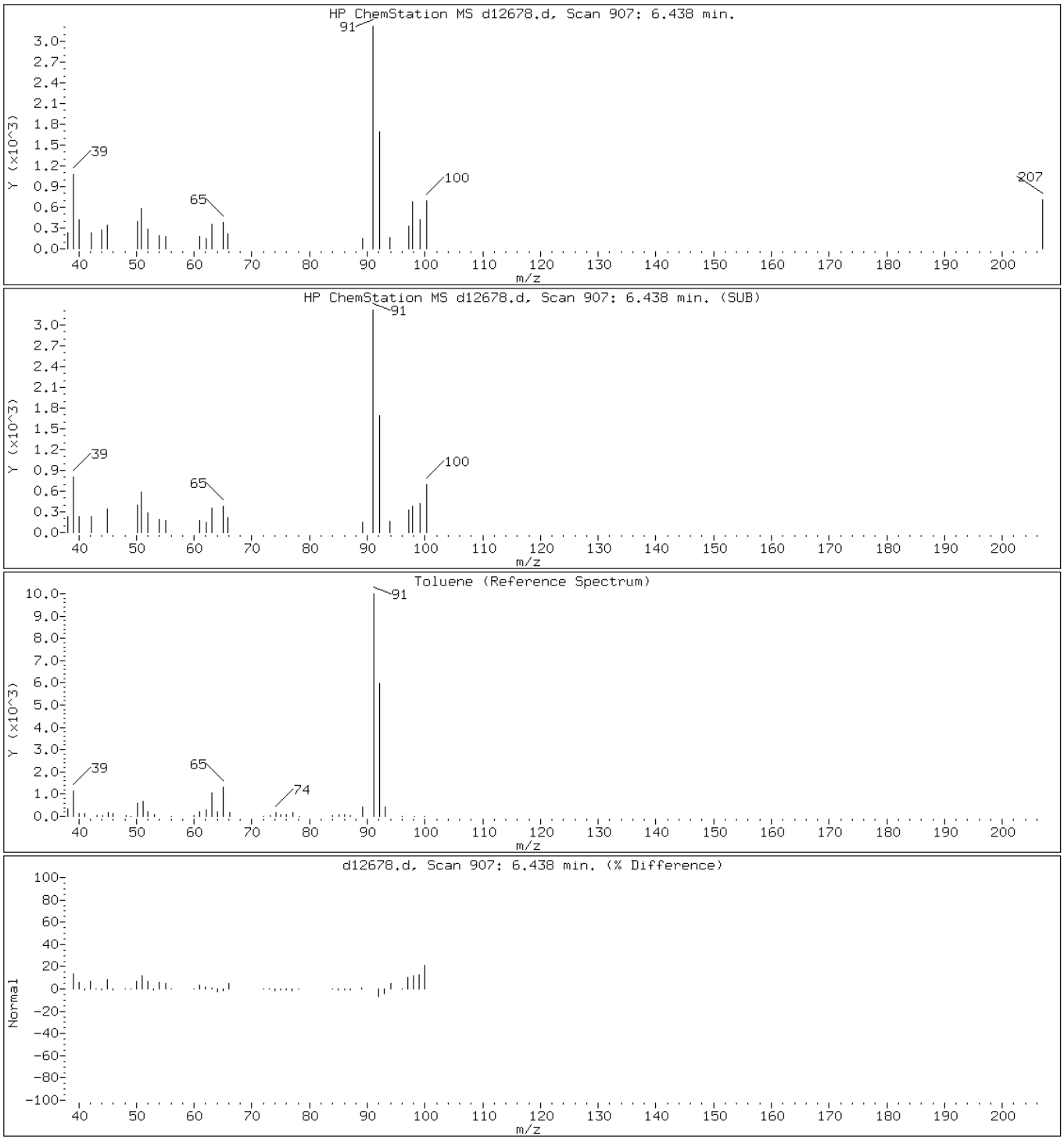
Data File: d12678.d

Date: 14-SEP-2011 12:32

Client ID: PMP-23-VS-S (1-3) Instrument: VOAMS4.i

Sample Info: 460-30837-E-11-A;;;4.39;5 Operator: VOAMS 9

38 Toluene



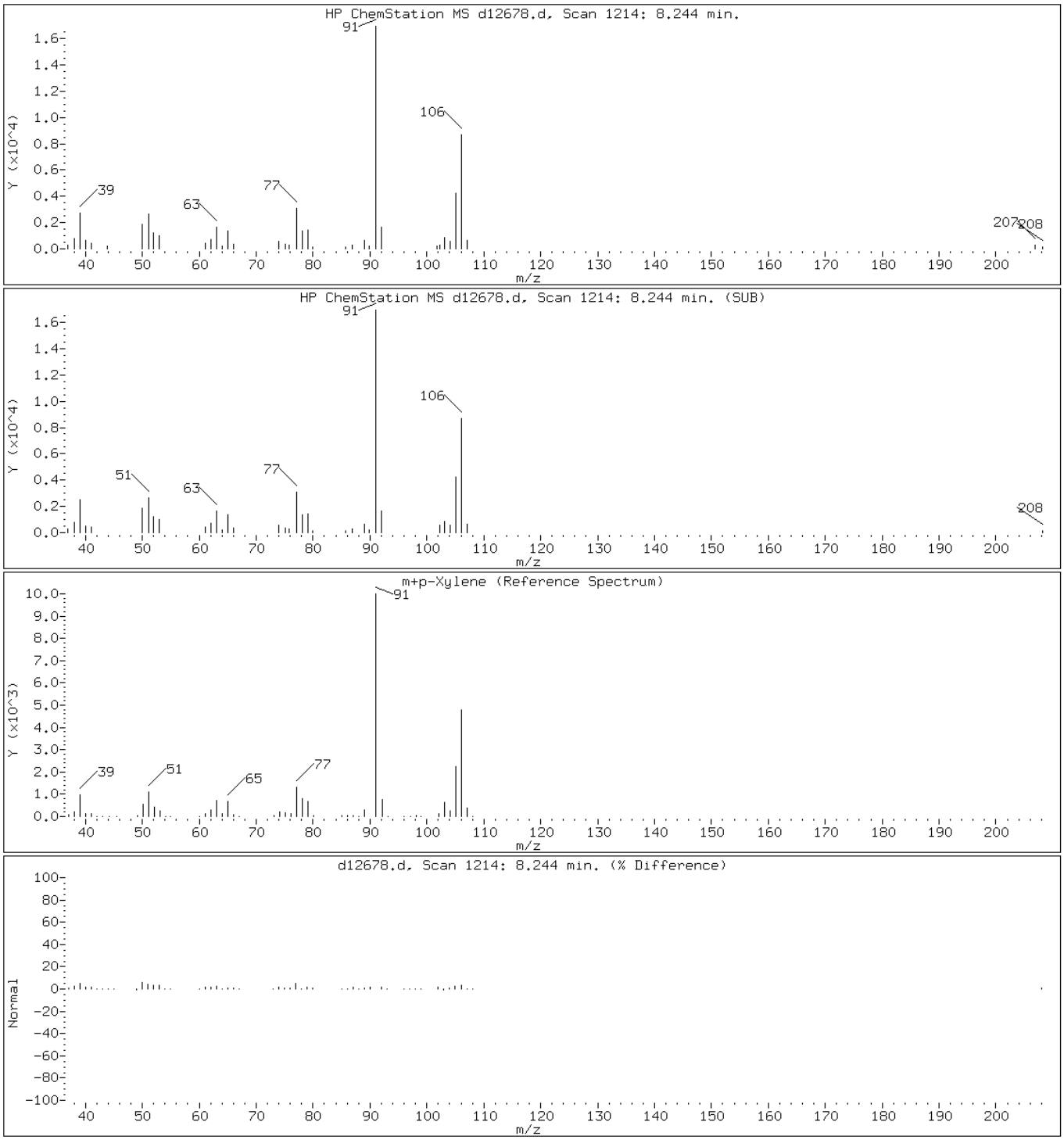
Data File: d12678.d

Date: 14-SEP-2011 12:32

Client ID: PMP-23-VS-S (1-3) Instrument: VOAMS4.i

Sample Info: 460-30837-E-11-A;;;4.39;5 Operator: VOAMS 9

43 m+p-Xylene



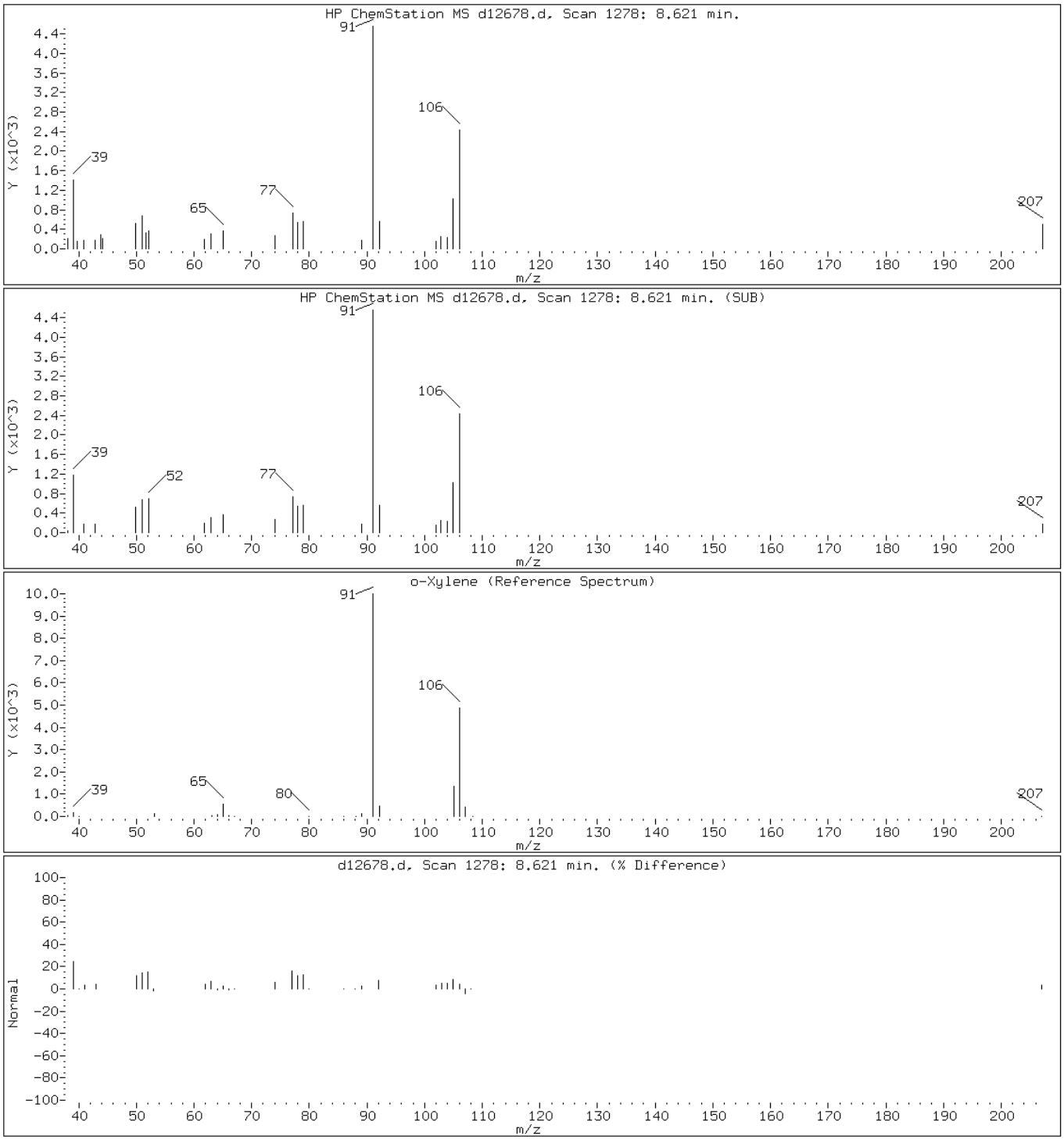
Data File: d12678.d

Date: 14-SEP-2011 12:32

Client ID: PMP-23-VS-S (1-3) Instrument: VOAMS4.i

Sample Info: 460-30837-E-11-A;;;4.39;5 Operator: VOAMS 9

44 o-Xylene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-23-WT-S (6.5-8.5) | Lab Sample ID: 460-30837-12

Matrix: Solid | Lab File ID: d12679.d

Analysis Method: 8260B | Date Collected: 09/08/2011 17:50

Sample wt/vol: 9.51(g) | Date Analyzed: 09/14/2011 12:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 12.2 | Level: (low/med) Low

Analysis Batch No.: 86004 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.60	U	0.60	0.38
74-83-9	Bromomethane	0.60	U	0.60	0.24
75-01-4	Vinyl chloride	0.60	U	0.60	0.14
75-00-3	Chloroethane	0.60	U	0.60	0.24
75-09-2	Methylene Chloride	1.1		0.60	0.28
67-64-1	Acetone	11		6.0	2.2
75-15-0	Carbon disulfide	0.60	U	0.60	0.28
75-69-4	Trichlorofluoromethane	0.60	U	0.60	0.16
75-35-4	1,1-Dichloroethene	0.60	U	0.60	0.22
75-34-3	1,1-Dichloroethane	0.60	U	0.60	0.15
156-60-5	trans-1,2-Dichloroethene	0.60	U	0.60	0.17
156-59-2	cis-1,2-Dichloroethene	0.60	U	0.60	0.14
67-66-3	Chloroform	0.60	U	0.60	0.14
78-93-3	2-Butanone	6.0	U	6.0	0.34
107-06-2	1,2-Dichloroethane	0.60	U	0.60	0.23
71-55-6	1,1,1-Trichloroethane	0.60	U	0.60	0.11
56-23-5	Carbon tetrachloride	0.60	U	0.60	0.060
71-43-2	Benzene	0.60	U	0.60	0.44
75-25-2	Bromoform	0.60	U	0.60	0.42
100-42-5	Styrene	0.60	U	0.60	0.21
100-41-4	Ethylbenzene	0.20	J	0.60	0.11
108-90-7	Chlorobenzene	0.60	U	0.60	0.29
110-82-7	Cyclohexane	0.60	U	0.60	0.13
98-82-8	Isopropylbenzene	0.60	U	0.60	0.16
591-78-6	2-Hexanone	6.0	U	6.0	1.0
1634-04-4	MTBE	0.60	U	0.60	0.21
76-13-1	Freon TF	0.60	U	0.60	0.28
79-20-9	Methyl acetate	0.60	U	0.60	0.54
123-91-1	1,4-Dioxane	30	U	30	2.5
79-01-6	Trichloroethene	0.60	U	0.60	0.22
108-88-3	Toluene	0.60	U	0.60	0.18
10061-02-6	trans-1,3-Dichloropropene	0.60	U	0.60	0.13
108-10-1	4-Methyl-2-pentanone	6.0	U	6.0	0.43
10061-01-5	cis-1,3-Dichloropropene	0.60	U	0.60	0.12
95-50-1	1,2-Dichlorobenzene	0.60	U	0.60	0.38
541-73-1	1,3-Dichlorobenzene	0.60	U	0.60	0.29

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-23-WT-S (6.5-8.5) | Lab Sample ID: 460-30837-12

Matrix: Solid | Lab File ID: d12679.d

Analysis Method: 8260B | Date Collected: 09/08/2011 17:50

Sample wt/vol: 9.51(g) | Date Analyzed: 09/14/2011 12:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 12.2 | Level: (low/med) Low

Analysis Batch No.: 86004 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.60	U	0.60	0.43
120-82-1	1,2,4-Trichlorobenzene	0.60	U	0.60	0.32
87-61-6	1,2,3-Trichlorobenzene	0.60	U	0.60	0.39
78-87-5	1,2-Dichloropropane	0.60	U	0.60	0.19
108-87-2	Methylcyclohexane	0.60	U	0.60	0.16
127-18-4	Tetrachloroethene	0.60	U	0.60	0.20
1330-20-7	Xylenes, Total	1.8	U	1.8	0.47
96-12-8	1,2-Dibromo-3-Chloropropane	0.60	U	0.60	0.37
79-34-5	1,1,2,2-Tetrachloroethane	0.60	U	0.60	0.46
79-00-5	1,1,2-Trichloroethane	0.60	U	0.60	0.36
124-48-1	Dibromochloromethane	0.60	U	0.60	0.34
106-93-4	1,2-Dibromoethane	0.60	U	0.60	0.31
75-71-8	Dichlorodifluoromethane	0.60	U	0.60	0.24
74-97-5	Bromochloromethane	0.60	U	0.60	0.16
75-27-4	Bromodichloromethane	0.60	U	0.60	0.18

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	117		70-138
2037-26-5	Toluene-d8 (Surr)	97		66-126
460-00-4	Bromofluorobenzene	95		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-23-WT-S (6.5-8.5) Lab Sample ID: 460-30837-12

Matrix: Solid Lab File ID: d12679.d

Analysis Method: 8260B Date Collected: 09/08/2011 17:50

Sample wt/vol: 9.51(g) Date Analyzed: 09/14/2011 12:56

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 12.2 Level: (low/med) Low

Analysis Batch No.: 86004 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/8260L_10/09-03-11/14sep11.b/d12679.d
Report Date: 15-Sep-2011 11:32

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/d12679.d
Lab Smp Id: 460-30837-E-12-A Client Smp ID: PMP-23-WT-S (6.5-8.
Inj Date : 14-SEP-2011 12:56
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-30837-E-12-A;;;9.51;5
Misc Info : 460-30837-E-12-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/8260L_10.m
Meth Date : 14-Sep-2011 04:31 audberto Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.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	9.51000	Weight of sample extracted (g)
M	12.18638	% 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	2.592	2.580	(0.555)	18659	17.9543	11
	6 Methylene Chloride	84	2.533	2.527	(0.543)	4986	1.88111	1.1
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.392	4.392	(0.941)	201897	58.2728	35
*	69 Fluorobenzene	96	4.668	4.662	(1.000)	363755	50.0000	
$	37 Toluene-d8 (SUR)	98	6.386	6.386	(0.794)	375209	48.4196	29
*	32 Chlorobenzene-d5	117	8.038	8.038	(1.000)	264665	50.0000	
	40 Ethylbenzene	106	8.109	8.103	(1.009)	1138	0.33272	0.20(a)
	43 m+p-Xylene	106	8.244	8.244	(1.026)	3184	0.73853	0.44(a)
$	41 Bromofluorobenzene (SUR)	174	9.115	9.115	(0.912)	150930	47.2827	28
*	91 1,4-Dichlorobenzene-d4	152	9.991	9.991	(1.000)	157563	50.0000	

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/d12679.d
Report Date: 15-Sep-2011 11:32

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/d12679.d
Report Date: 15-Sep-2011 11:32

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/d12679.d
Lab Smp Id: 460-30837-E-12-A Client Smp ID: PMP-23-WT-S (6.5-8.
Inj Date : 14-SEP-2011 12:56
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-30837-E-12-A;;;9.51;5
Misc Info : 460-30837-E-12-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/8260L_10.m
Meth Date : 14-Sep-2011 04:31 audberto Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.d
Als bottle: 20
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

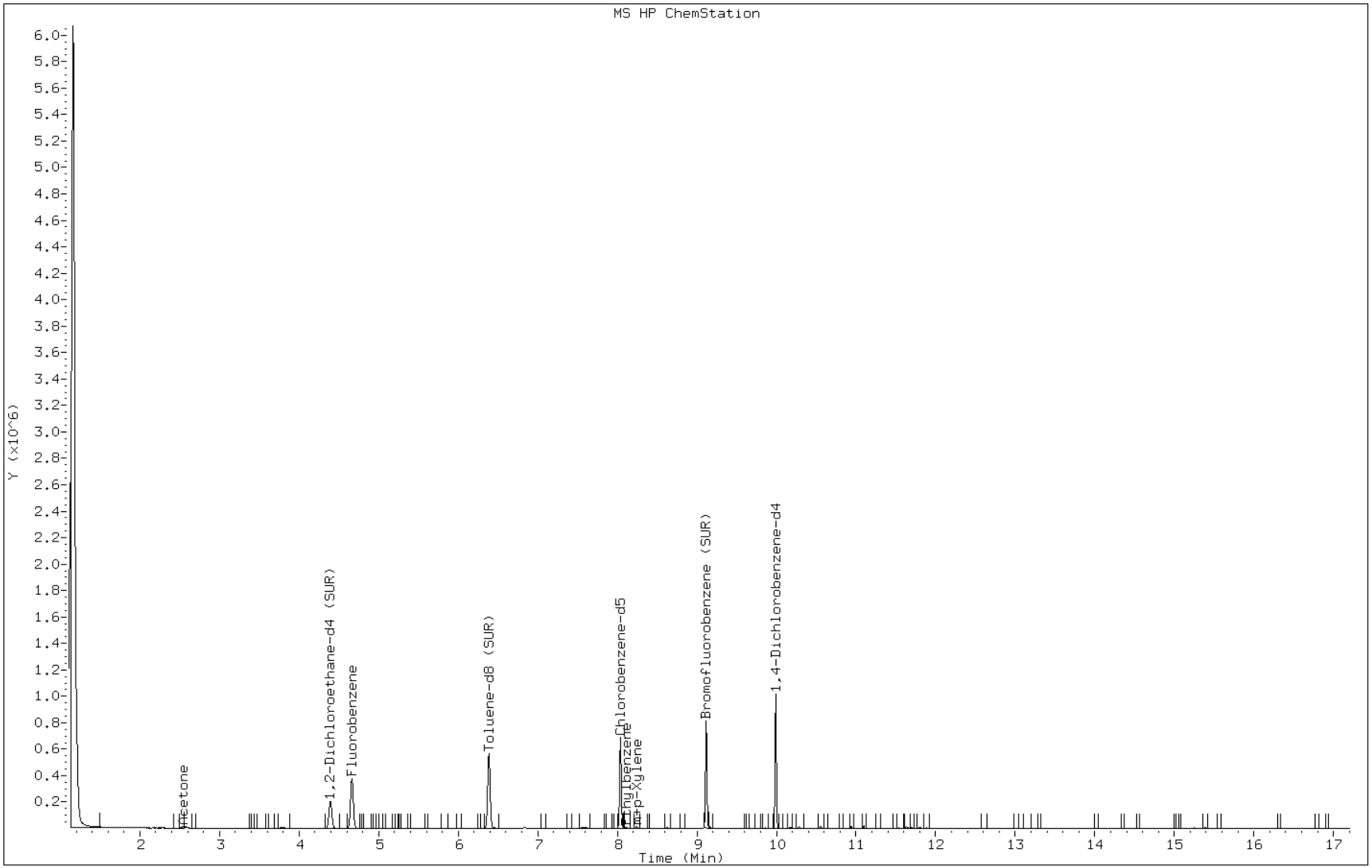
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: d12679.d

Date: 14-SEP-2011 12:56

Client ID: PMP-23-WT-S (6.5-8. Instrument: VOAMS4.i

Sample Info: 460-30837-E-12-A;;;9.51;5 Operator: VOAMS 9



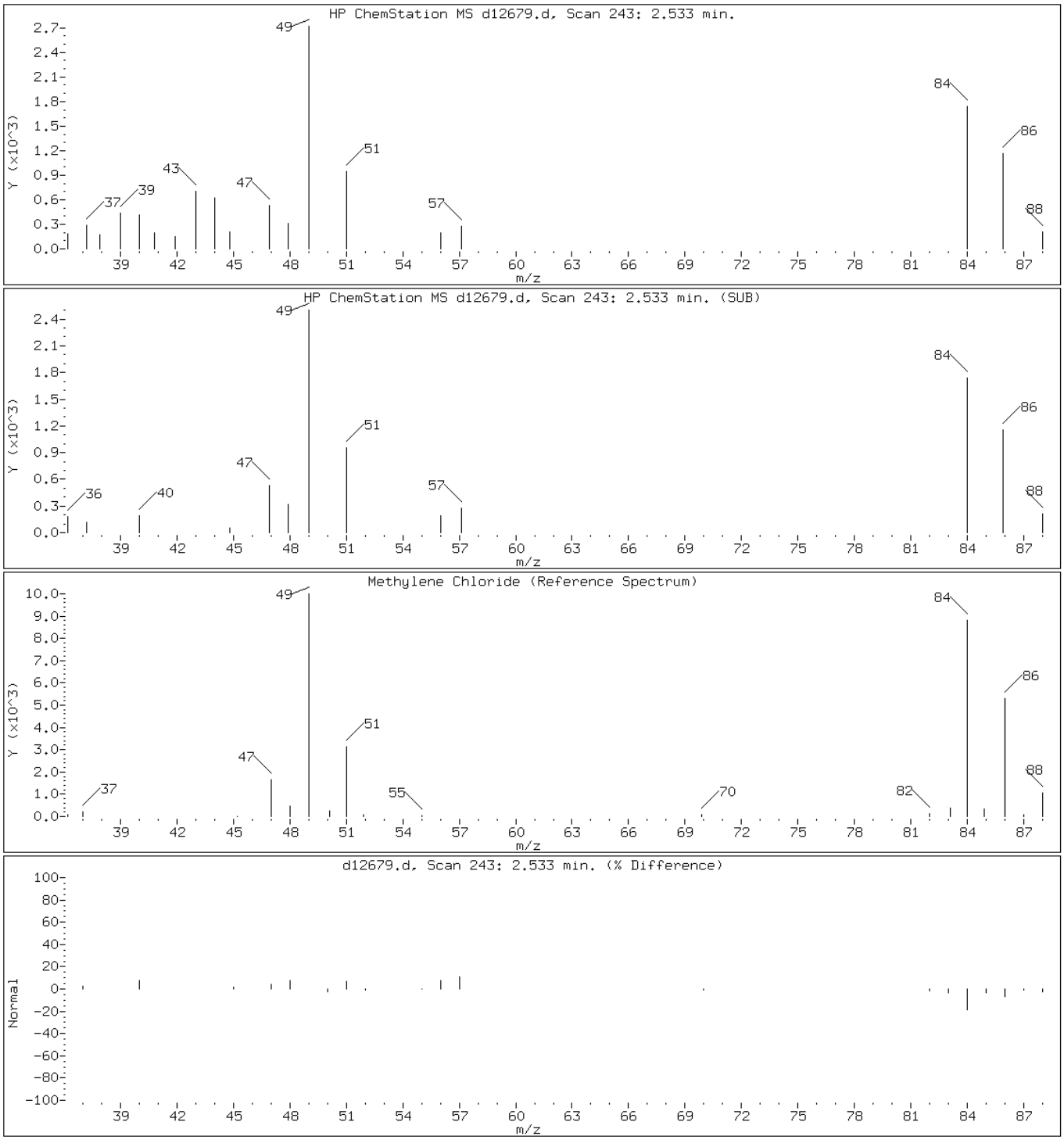
Data File: d12679.d

Date: 14-SEP-2011 12:56

Client ID: PMP-23-WT-S (6.5-8. Instrument: VOAMS4.i

Sample Info: 460-30837-E-12-A;;;9.51;5 Operator: VOAMS 9

6 Methylene Chloride



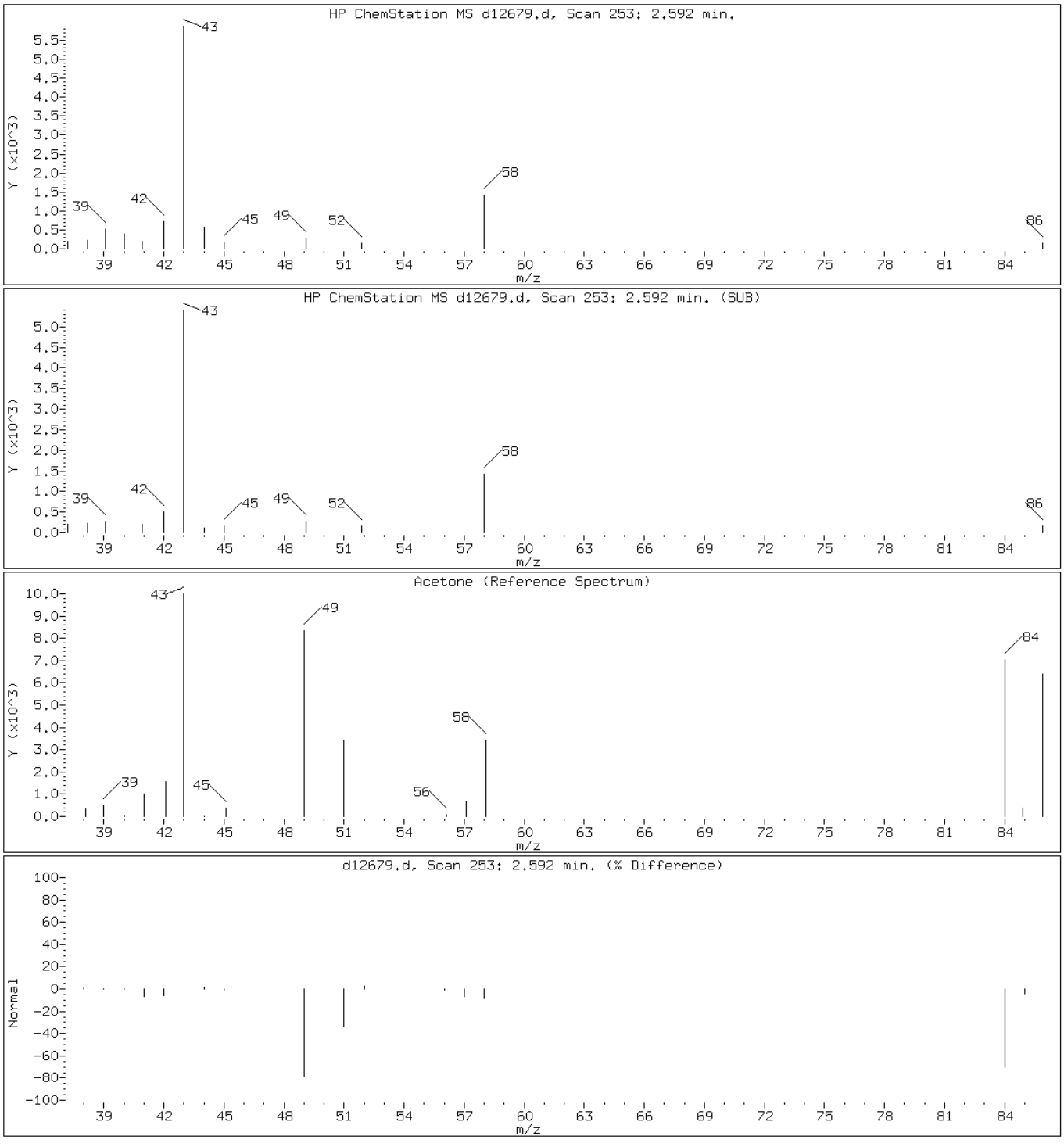
Data File: d12679.d

Date: 14-SEP-2011 12:56

Client ID: PMP-23-WT-S (6.5-8. Instrument: VOAMS4.i

Sample Info: 460-30837-E-12-A;;;9.51;5 Operator: VOAMS 9

7 Acetone



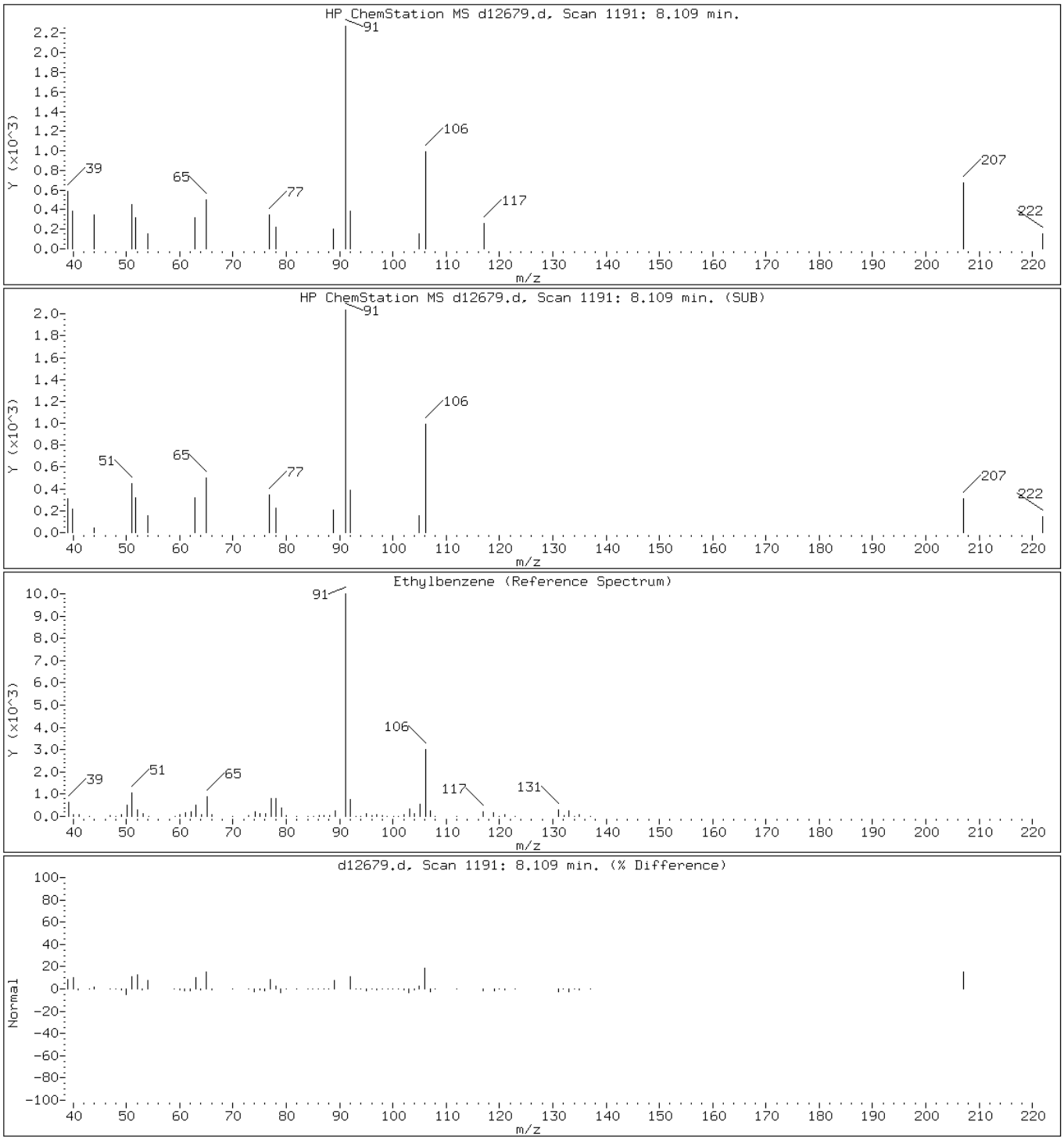
Data File: d12679.d

Date: 14-SEP-2011 12:56

Client ID: PMP-23-WT-S (6.5-8. Instrument: VOAMS4.i

Sample Info: 460-30837-E-12-A;;;9.51;5 Operator: VOAMS 9

40 Ethylbenzene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-23-VD-S (3.5-5.0) | Lab Sample ID: 460-30837-13

Matrix: Solid | Lab File ID: d12680.d

Analysis Method: 8260B | Date Collected: 09/08/2011 17:45

Sample wt/vol: 8.69(g) | Date Analyzed: 09/14/2011 13:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 3.7 | Level: (low/med) Low

Analysis Batch No.: 86004 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.60	U	0.60	0.38
74-83-9	Bromomethane	0.60	U	0.60	0.24
75-01-4	Vinyl chloride	0.60	U	0.60	0.14
75-00-3	Chloroethane	0.60	U	0.60	0.24
75-09-2	Methylene Chloride	1.2		0.60	0.28
67-64-1	Acetone	12		6.0	2.2
75-15-0	Carbon disulfide	0.60	U	0.60	0.28
75-69-4	Trichlorofluoromethane	0.60	U	0.60	0.16
75-35-4	1,1-Dichloroethene	0.60	U	0.60	0.22
75-34-3	1,1-Dichloroethane	0.60	U	0.60	0.15
156-60-5	trans-1,2-Dichloroethene	0.60	U	0.60	0.17
156-59-2	cis-1,2-Dichloroethene	0.60	U	0.60	0.14
67-66-3	Chloroform	0.60	U	0.60	0.14
78-93-3	2-Butanone	6.0	U	6.0	0.34
107-06-2	1,2-Dichloroethane	0.60	U	0.60	0.23
71-55-6	1,1,1-Trichloroethane	0.60	U	0.60	0.11
56-23-5	Carbon tetrachloride	0.60	U	0.60	0.060
71-43-2	Benzene	0.60	U	0.60	0.44
75-25-2	Bromoform	0.60	U	0.60	0.42
100-42-5	Styrene	0.60	U	0.60	0.21
100-41-4	Ethylbenzene	0.60	U	0.60	0.11
108-90-7	Chlorobenzene	0.60	U	0.60	0.29
110-82-7	Cyclohexane	0.60	U	0.60	0.13
98-82-8	Isopropylbenzene	0.60	U	0.60	0.15
591-78-6	2-Hexanone	6.0	U	6.0	1.0
1634-04-4	MTBE	0.60	U	0.60	0.21
76-13-1	Freon TF	0.60	U	0.60	0.28
79-20-9	Methyl acetate	0.60	U	0.60	0.53
123-91-1	1,4-Dioxane	30	U	30	2.5
79-01-6	Trichloroethene	0.60	U	0.60	0.22
108-88-3	Toluene	0.60	U	0.60	0.18
10061-02-6	trans-1,3-Dichloropropene	0.60	U	0.60	0.13
108-10-1	4-Methyl-2-pentanone	6.0	U	6.0	0.43
10061-01-5	cis-1,3-Dichloropropene	0.60	U	0.60	0.12
95-50-1	1,2-Dichlorobenzene	0.60	U	0.60	0.38
541-73-1	1,3-Dichlorobenzene	0.60	U	0.60	0.29

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-23-VD-S (3.5-5.0) Lab Sample ID: 460-30837-13

Matrix: Solid Lab File ID: d12680.d

Analysis Method: 8260B Date Collected: 09/08/2011 17:45

Sample wt/vol: 8.69(g) Date Analyzed: 09/14/2011 13:20

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 3.7 Level: (low/med) Low

Analysis Batch No.: 86004 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.60	U	0.60	0.42
120-82-1	1,2,4-Trichlorobenzene	0.60	U	0.60	0.32
87-61-6	1,2,3-Trichlorobenzene	0.60	U	0.60	0.39
78-87-5	1,2-Dichloropropane	0.60	U	0.60	0.19
108-87-2	Methylcyclohexane	0.60	U	0.60	0.16
127-18-4	Tetrachloroethene	0.60	U	0.60	0.20
1330-20-7	Xylenes, Total	1.8	U	1.8	0.47
96-12-8	1,2-Dibromo-3-Chloropropane	0.60	U	0.60	0.37
79-34-5	1,1,2,2-Tetrachloroethane	0.60	U	0.60	0.45
79-00-5	1,1,2-Trichloroethane	0.60	U	0.60	0.35
124-48-1	Dibromochloromethane	0.60	U	0.60	0.33
106-93-4	1,2-Dibromoethane	0.60	U	0.60	0.31
75-71-8	Dichlorodifluoromethane	0.60	U	0.60	0.24
74-97-5	Bromochloromethane	0.60	U	0.60	0.16
75-27-4	Bromodichloromethane	0.60	U	0.60	0.18

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		70-138
2037-26-5	Toluene-d8 (Surr)	93		66-126
460-00-4	Bromofluorobenzene	91		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-23-VD-S (3.5-5.0) Lab Sample ID: 460-30837-13

Matrix: Solid Lab File ID: d12680.d

Analysis Method: 8260B Date Collected: 09/08/2011 17:45

Sample wt/vol: 8.69(g) Date Analyzed: 09/14/2011 13:20

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 3.7 Level: (low/med) Low

Analysis Batch No.: 86004 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/8260L_10/09-03-11/14sep11.b/d12680.d
Report Date: 14-Sep-2011 20:15

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/d12680.d
Lab Smp Id: 460-30837-E-13-A Client Smp ID: PMP-23-VD-S (3.5-5.
Inj Date : 14-SEP-2011 13:20
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-30837-E-13-A;;;8.69;5
Misc Info : 460-30837-E-13-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/8260L_10.m
Meth Date : 14-Sep-2011 04:31 audberto Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.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	8.69000	Weight of sample extracted (g)
M	3.69650	% 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	2.574	2.580	(0.552)	22800	20.8775	12
	6 Methylene Chloride	84	2.539	2.527	(0.545)	5607	2.01306	1.2
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.391	4.392	(0.942)	205592	56.4685	34
*	69 Fluorobenzene	96	4.662	4.662	(1.000)	382248	50.0000	
$	37 Toluene-d8 (SUR)	98	6.385	6.386	(0.794)	375859	46.6179	28
*	32 Chlorobenzene-d5	117	8.038	8.038	(1.000)	275370	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.115	9.115	(0.912)	145446	45.5482	27
*	91 1,4-Dichlorobenzene-d4	152	9.991	9.991	(1.000)	157620	50.0000	

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/d12680.d
Report Date: 14-Sep-2011 20:15

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/d12680.d
Lab Smp Id: 460-30837-E-13-A Client Smp ID: PMP-23-VD-S (3.5-5.
Inj Date : 14-SEP-2011 13:20
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-30837-E-13-A;;;8.69;5
Misc Info : 460-30837-E-13-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/8260L_10.m
Meth Date : 14-Sep-2011 04:31 audberto Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.d
Als bottle: 21
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

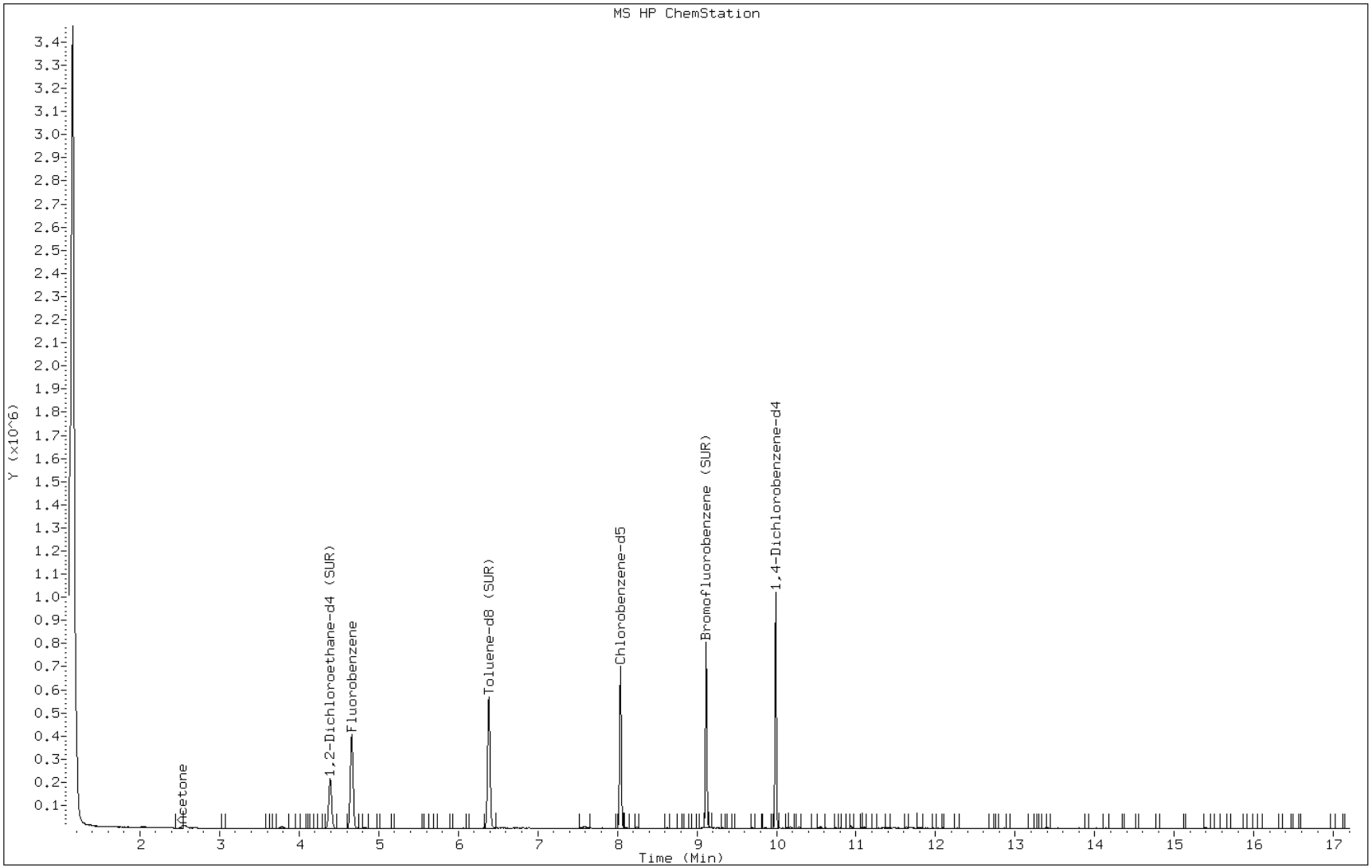
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: d12680.d

Date: 14-SEP-2011 13:20

Client ID: PMP-23-VD-S (3.5-5. Instrument: VOAMS4.i

Sample Info: 460-30837-E-13-A;;;8.69;5 Operator: VOAMS 9



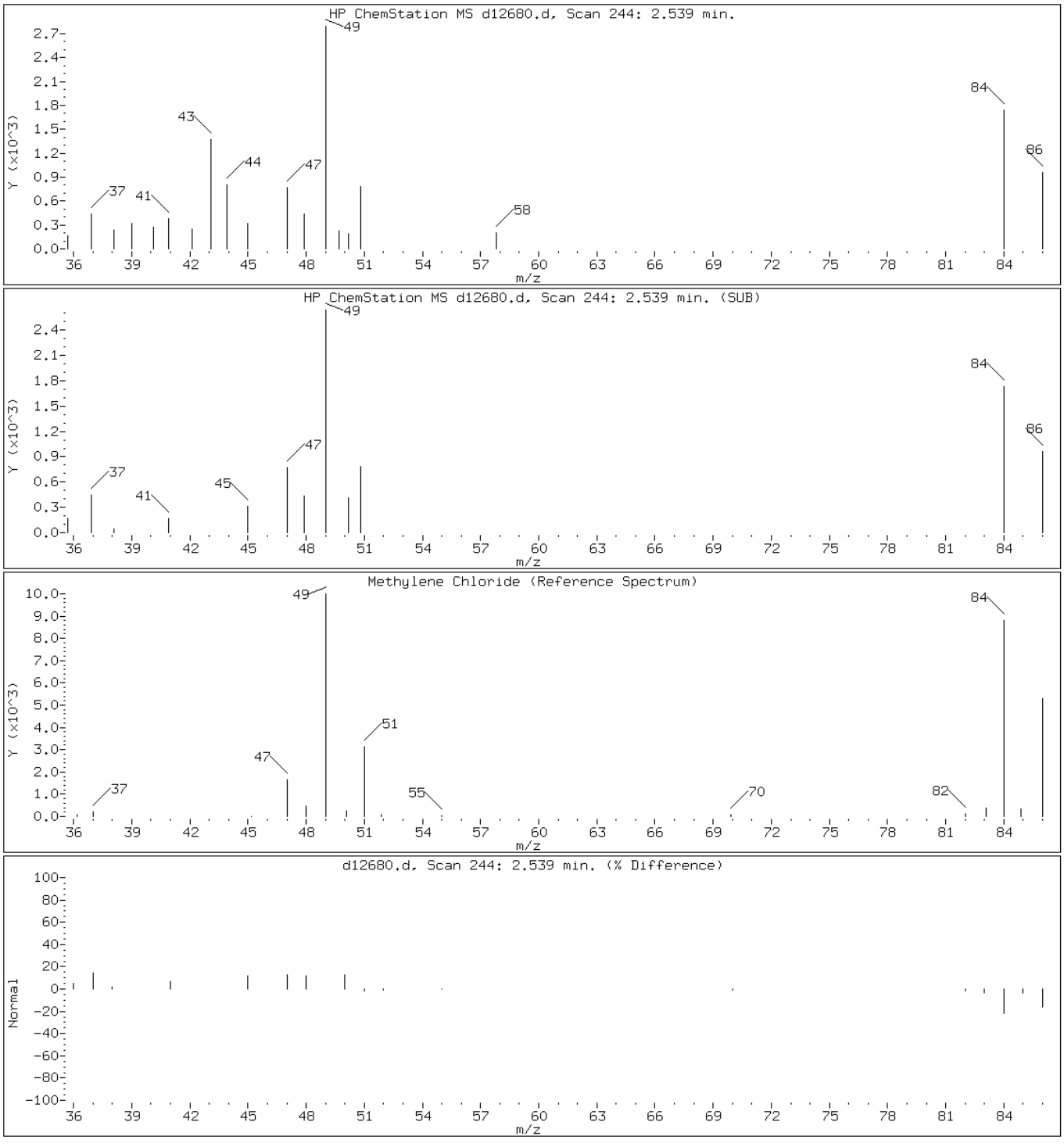
Data File: d12680.d

Date: 14-SEP-2011 13:20

Client ID: PMP-23-VD-S (3.5-5. Instrument: VOAMS4.i

Sample Info: 460-30837-E-13-A;;;8.69;5 Operator: VOAMS 9

6 Methylene Chloride



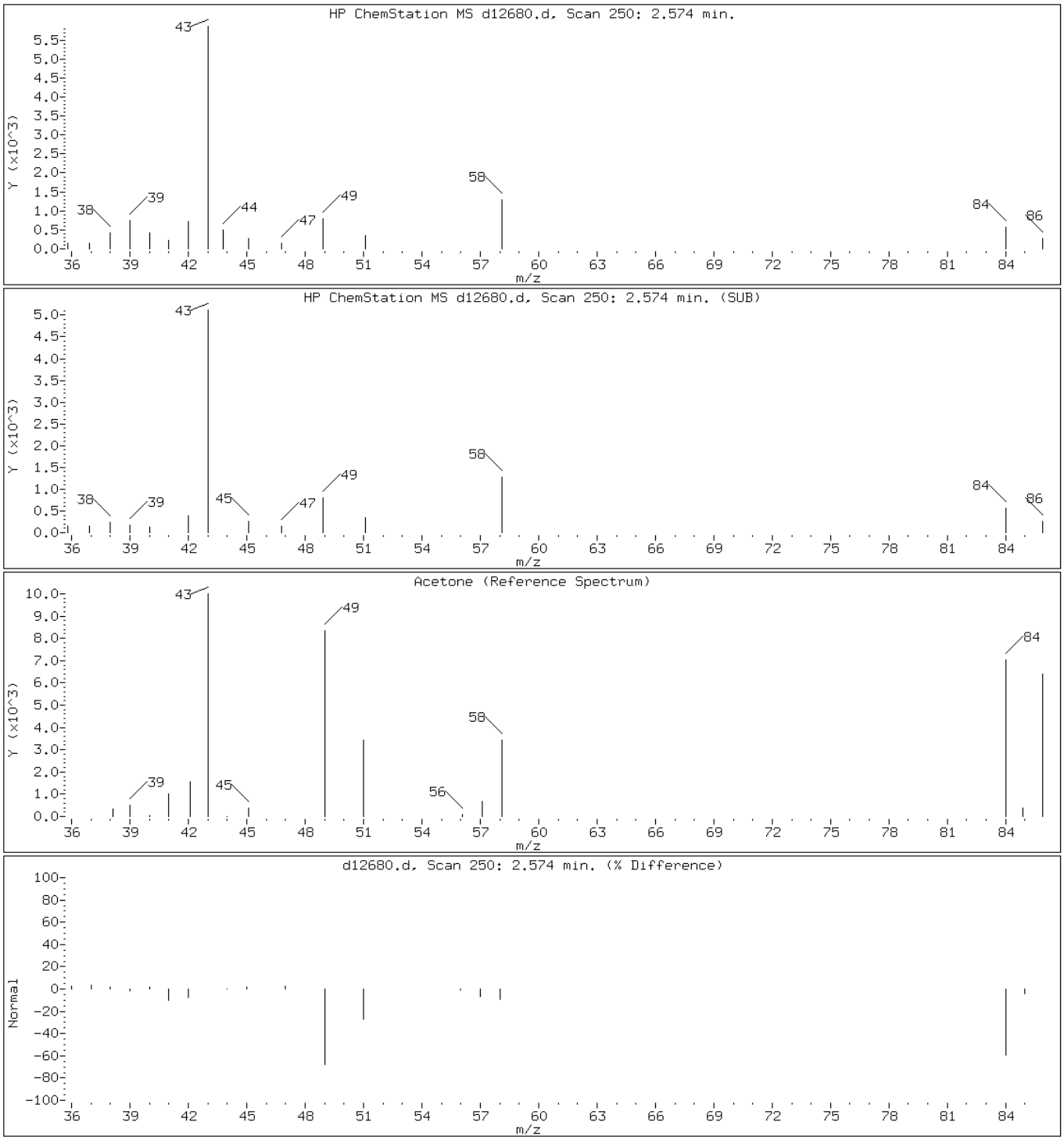
Data File: d12680.d

Date: 14-SEP-2011 13:20

Client ID: PMP-23-VD-S (3.5-5. Instrument: VOAMS4.i

Sample Info: 460-30837-E-13-A;;;8.69;5 Operator: VOAMS 9

7 Acetone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-12-VS-S (0.5-1.0) | Lab Sample ID: 460-30837-14

Matrix: Solid | Lab File ID: d12748.d

Analysis Method: 8260B | Date Collected: 09/09/2011 09:05

Sample wt/vol: 3.43(g) | Date Analyzed: 09/15/2011 23:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.8 | Level: (low/med) Low

Analysis Batch No.: 86290 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.5	U	1.5	0.98
74-83-9	Bromomethane	1.5	U	1.5	0.63
75-01-4	Vinyl chloride	1.5	U	1.5	0.36
75-00-3	Chloroethane	1.5	U	1.5	0.62
75-09-2	Methylene Chloride	4.1	B	1.5	0.73
67-64-1	Acetone	15	U	15	5.7
75-15-0	Carbon disulfide	1.5	U	1.5	0.72
75-69-4	Trichlorofluoromethane	1.5	U	1.5	0.40
75-35-4	1,1-Dichloroethene	1.5	U	1.5	0.57
75-34-3	1,1-Dichloroethane	1.5	U	1.5	0.39
156-60-5	trans-1,2-Dichloroethene	1.5	U	1.5	0.44
156-59-2	cis-1,2-Dichloroethene	1.5	U	1.5	0.37
67-66-3	Chloroform	1.5	U	1.5	0.37
78-93-3	2-Butanone	15	U	15	0.88
107-06-2	1,2-Dichloroethane	1.5	U	1.5	0.60
71-55-6	1,1,1-Trichloroethane	1.5	U	1.5	0.29
56-23-5	Carbon tetrachloride	1.5	U	1.5	0.16
71-43-2	Benzene	1.5	U	1.5	1.1
75-25-2	Bromoform	1.5	U	1.5	1.1
100-42-5	Styrene	1.5	U	1.5	0.54
100-41-4	Ethylbenzene	1.5	U	1.5	0.30
108-90-7	Chlorobenzene	1.5	U	1.5	0.75
110-82-7	Cyclohexane	1.5	U *	1.5	0.34
98-82-8	Isopropylbenzene	1.5	U	1.5	0.40
591-78-6	2-Hexanone	15	U	15	2.6
1634-04-4	MTBE	1.5	U	1.5	0.53
76-13-1	Freon TF	1.5	U	1.5	0.74
79-20-9	Methyl acetate	1.5	U	1.5	1.4
123-91-1	1,4-Dioxane	77	U	77	6.4
79-01-6	Trichloroethene	1.5	U	1.5	0.56
108-88-3	Toluene	1.5	U	1.5	0.46
10061-02-6	trans-1,3-Dichloropropene	1.5	U	1.5	0.34
108-10-1	4-Methyl-2-pentanone	15	U	15	1.1
10061-01-5	cis-1,3-Dichloropropene	1.5	U	1.5	0.31
95-50-1	1,2-Dichlorobenzene	1.5	U	1.5	0.99
541-73-1	1,3-Dichlorobenzene	1.5	U	1.5	0.75

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-12-VS-S (0.5-1.0) Lab Sample ID: 460-30837-14

Matrix: Solid Lab File ID: d12748.d

Analysis Method: 8260B Date Collected: 09/09/2011 09:05

Sample wt/vol: 3.43(g) Date Analyzed: 09/15/2011 23:53

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.8 Level: (low/med) Low

Analysis Batch No.: 86290 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1.5	U	1.5	1.1
120-82-1	1,2,4-Trichlorobenzene	1.5	U	1.5	0.83
87-61-6	1,2,3-Trichlorobenzene	1.5	U	1.5	1.0
78-87-5	1,2-Dichloropropane	1.5	U	1.5	0.49
108-87-2	Methylcyclohexane	1.5	U	1.5	0.42
127-18-4	Tetrachloroethene	1.5	U	1.5	0.51
1330-20-7	Xylenes, Total	4.6	U	4.6	1.2
96-12-8	1,2-Dibromo-3-Chloropropane	1.5	U	1.5	0.95
79-34-5	1,1,2,2-Tetrachloroethane	1.5	U	1.5	1.2
79-00-5	1,1,2-Trichloroethane	1.5	U	1.5	0.92
124-48-1	Dibromochloromethane	1.5	U	1.5	0.87
106-93-4	1,2-Dibromoethane	1.5	U	1.5	0.80
75-71-8	Dichlorodifluoromethane	1.5	U	1.5	0.63
74-97-5	Bromochloromethane	1.5	U	1.5	0.42
75-27-4	Bromodichloromethane	1.5	U	1.5	0.47

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		70-138
2037-26-5	Toluene-d8 (Surr)	99		66-126
460-00-4	Bromofluorobenzene	99		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-12-VS-S (0.5-1.0) Lab Sample ID: 460-30837-14

Matrix: Solid Lab File ID: d12748.d

Analysis Method: 8260B Date Collected: 09/09/2011 09:05

Sample wt/vol: 3.43(g) Date Analyzed: 09/15/2011 23:53

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.8 Level: (low/med) Low

Analysis Batch No.: 86290 Units: ug/Kg

Number TICs Found: 1 TIC Result Total: 33

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	13.23	33	J

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/d12748.d
Report Date: 16-Sep-2011 13:18

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/d12748.d
Lab Smp Id: 460-30837-D-14-A Client Smp ID: PMP-12-VS-S (0.5-1.
Inj Date : 15-SEP-2011 23:53
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-30837-D-14-A;;;3.43;5
Misc Info : 460-30837-D-14-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/8260L_10.m
Meth Date : 15-Sep-2011 18:45 ken Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.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	3.43000	Weight of sample extracted (g)
M	5.79439	% 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	2.522	2.533	(0.542)	8353	2.67110	4.1
$ 16 1,2-Dichloroethane-d4 (SUR)	65	4.381	4.392	(0.942)	207798	50.8350	79
* 69 Fluorobenzene	96	4.651	4.656	(1.000)	429164	50.0000	
$ 37 Toluene-d8 (SUR)	98	6.369	6.380	(0.793)	403096	49.4409	76
* 32 Chlorobenzene-d5	117	8.027	8.038	(1.000)	278462	50.0000	
$ 41 Bromofluorobenzene (SUR)	174	9.110	9.115	(0.912)	143770	49.4274	76
* 91 1,4-Dichlorobenzene-d4	152	9.986	9.991	(1.000)	143576	50.0000	

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/d12748.d
Report Date: 16-Sep-2011 13:18

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/d12748.d
Lab Smp Id: 460-30837-D-14-A Client Smp ID: PMP-12-VS-S (0.5-1.
Inj Date : 15-SEP-2011 23:53
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-30837-D-14-A;;;3.43;5
Misc Info : 460-30837-D-14-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/8260L_10.m
Meth Date : 15-Sep-2011 18:45 ken Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.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	3.43000	Weight of sample extracted (g)
M	5.79439	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 91 1,4-Dichlorobenzene-d4	9.986	1006900	50.000

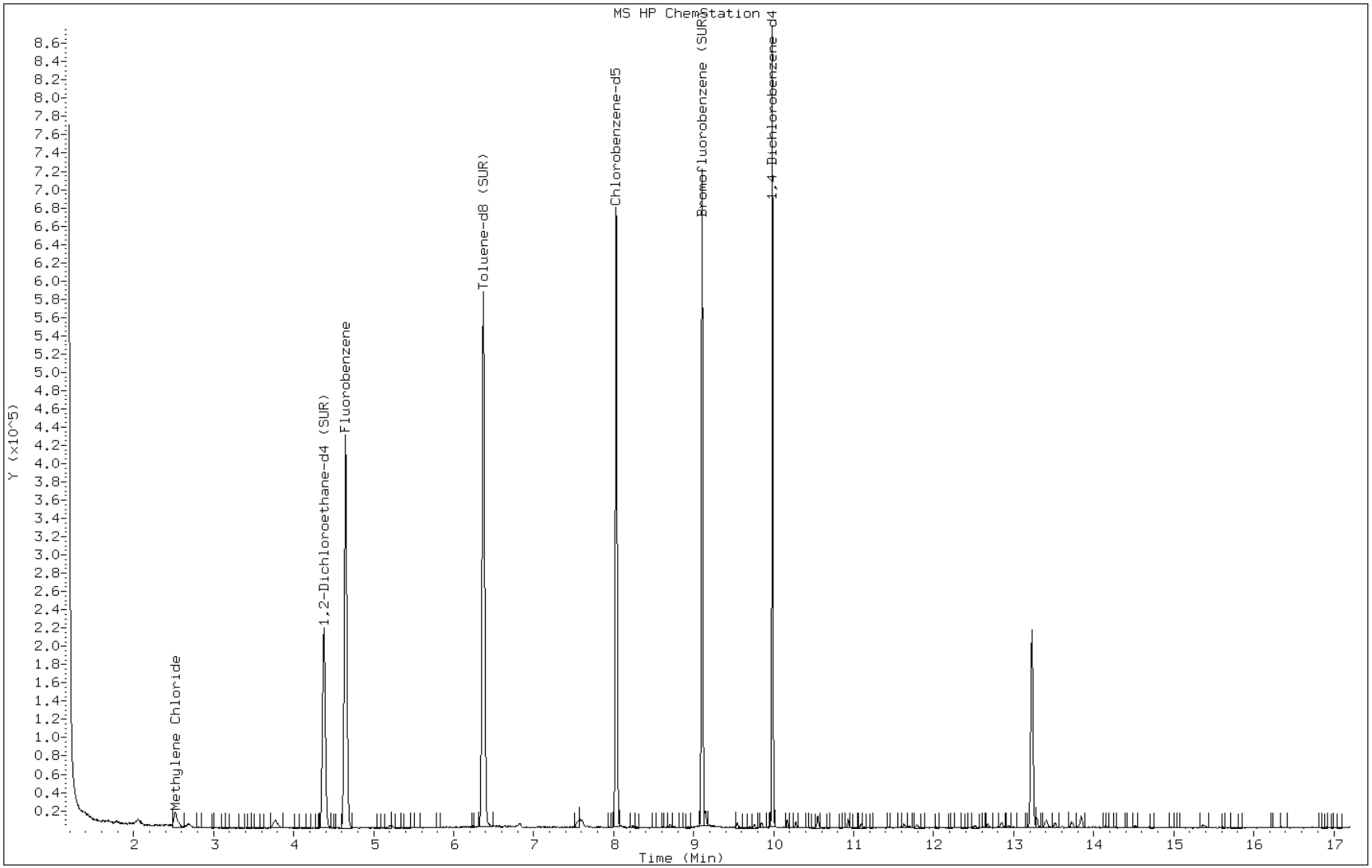
	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
13.227	423679	21.0387580	32	0		0	91

Data File: d12748.d

Date: 15-SEP-2011 23:53

Client ID: PMP-12-VS-S (0.5-1. Instrument: VOAMS4.i

Sample Info: 460-30837-D-14-A;;;3.43;5 Operator: VOAMS 9



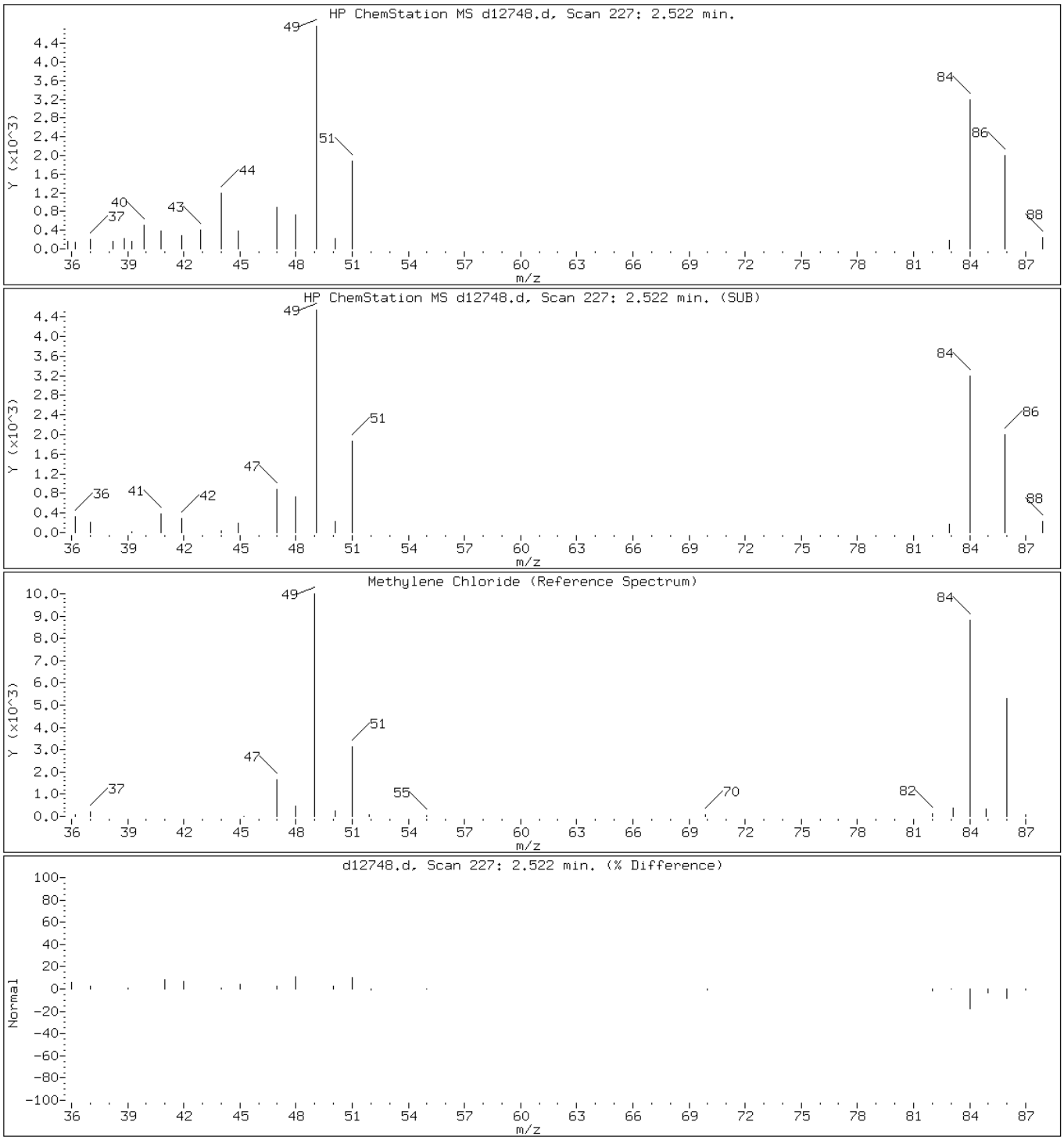
Data File: d12748.d

Date: 15-SEP-2011 23:53

Client ID: PMP-12-VS-S (0.5-1. Instrument: VOAMS4.i

Sample Info: 460-30837-D-14-A;;;3.43;5 Operator: VOAMS 9

6 Methylene Chloride



Data File: d12748.d

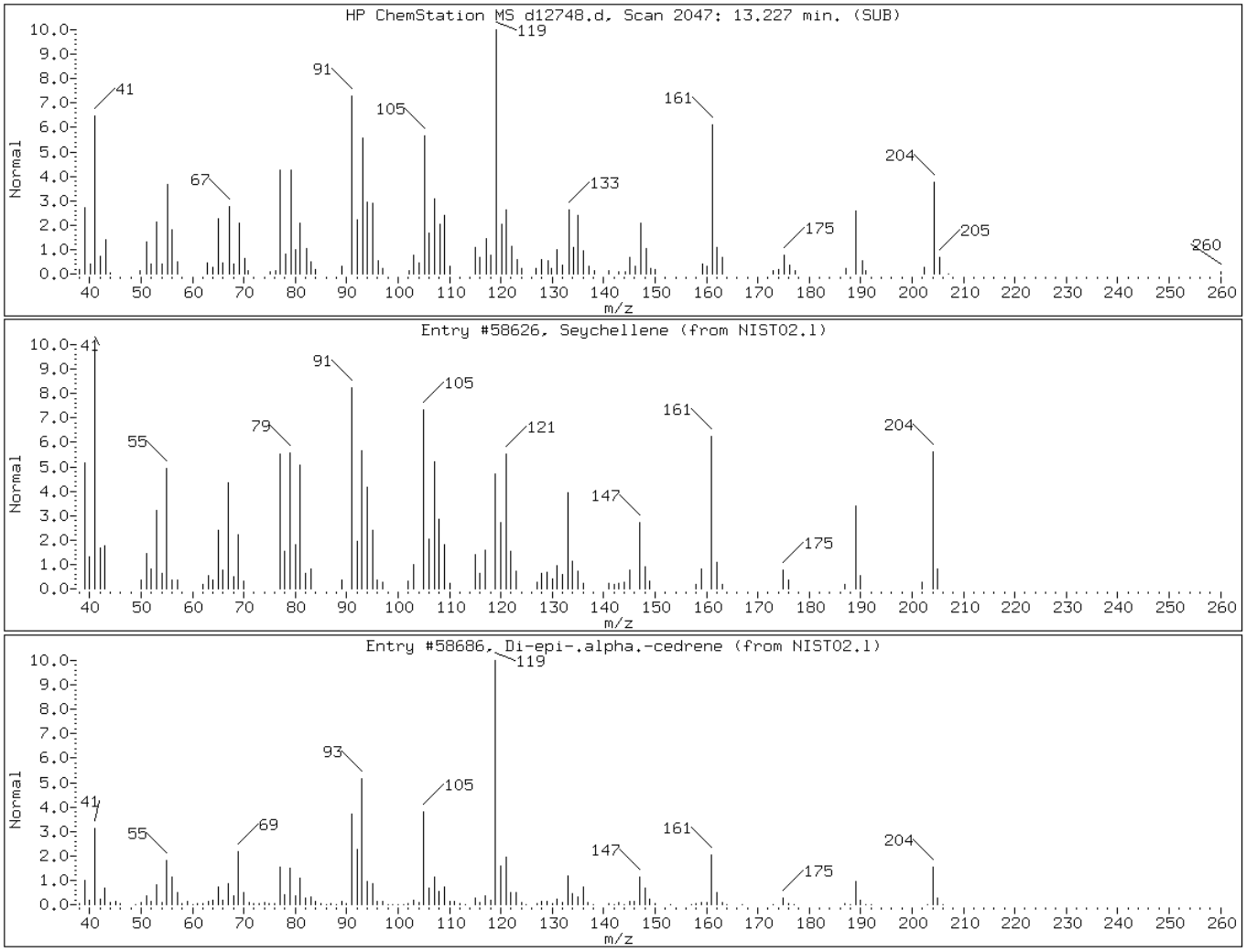
Date: 15-SEP-2011 23:53

Client ID: PMP-12-VS-S (0.5-1. Instrument: VOAMS4.i

Sample Info: 460-30837-D-14-A;;;3.43;5 Operator: VOAMS 9

Retention Time: 13.23

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Seychellene	20085-93-2	NIST02.l	58626	96	C15H24	204
Di-epi-.alpha.-cedrene	1000156-13-3	NIST02.l	58686	91	C15H24	204



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-12-VD-S (2.5-3.0) | Lab Sample ID: 460-30837-15

Matrix: Solid | Lab File ID: d12749.d

Analysis Method: 8260B | Date Collected: 09/09/2011 09:10

Sample wt/vol: 5.09(g) | Date Analyzed: 09/16/2011 00:17

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 3.8 | Level: (low/med) Low

Analysis Batch No.: 86290 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.65
74-83-9	Bromomethane	1.0	U	1.0	0.42
75-01-4	Vinyl chloride	1.0	U	1.0	0.24
75-00-3	Chloroethane	1.0	U	1.0	0.41
75-09-2	Methylene Chloride	3.2	B	1.0	0.48
67-64-1	Acetone	37	B	10	3.8
75-15-0	Carbon disulfide	1.0	U	1.0	0.47
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.27
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.38
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.29
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.24
67-66-3	Chloroform	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.58
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.40
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.19
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.76
75-25-2	Bromoform	1.0	U	1.0	0.72
100-42-5	Styrene	1.0	U	1.0	0.35
100-41-4	Ethylbenzene	1.0	U	1.0	0.20
108-90-7	Chlorobenzene	1.0	U	1.0	0.49
110-82-7	Cyclohexane	1.0	U *	1.0	0.23
98-82-8	Isopropylbenzene	1.0	U	1.0	0.26
591-78-6	2-Hexanone	10	U	10	1.7
1634-04-4	MTBE	1.0	U	1.0	0.35
76-13-1	Freon TF	1.0	U	1.0	0.49
79-20-9	Methyl acetate	1.0	U	1.0	0.91
123-91-1	1,4-Dioxane	51	U	51	4.2
79-01-6	Trichloroethene	1.0	U	1.0	0.37
108-88-3	Toluene	0.34	J	1.0	0.31
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.23
108-10-1	4-Methyl-2-pentanone	10	U	10	0.73
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.21
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.65
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.50

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-12-VD-S (2.5-3.0) | Lab Sample ID: 460-30837-15

Matrix: Solid | Lab File ID: d12749.d

Analysis Method: 8260B | Date Collected: 09/09/2011 09:10

Sample wt/vol: 5.09(g) | Date Analyzed: 09/16/2011 00:17

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 3.8 | Level: (low/med) Low

Analysis Batch No.: 86290 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.73
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.55
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.66
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.32
108-87-2	Methylcyclohexane	1.0	U	1.0	0.28
127-18-4	Tetrachloroethene	1.0	U	1.0	0.34
1330-20-7	Xylenes, Total	3.1	U	3.1	0.80
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.62
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.78
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.61
124-48-1	Dibromochloromethane	1.0	U	1.0	0.57
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.53
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.42
74-97-5	Bromochloromethane	1.0	U	1.0	0.28
75-27-4	Bromodichloromethane	1.0	U	1.0	0.31

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		70-138
2037-26-5	Toluene-d8 (Surr)	97		66-126
460-00-4	Bromofluorobenzene	93		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-12-VD-S (2.5-3.0) Lab Sample ID: 460-30837-15

Matrix: Solid Lab File ID: d12749.d

Analysis Method: 8260B Date Collected: 09/09/2011 09:10

Sample wt/vol: 5.09(g) Date Analyzed: 09/16/2011 00:17

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 3.8 Level: (low/med) Low

Analysis Batch No.: 86290 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/8260L_10/09-03-11/15sep11a.b/d12749.d
Report Date: 16-Sep-2011 13:19

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/d12749.d
Lab Smp Id: 460-30837-D-15-A Client Smp ID: PMP-12-VD-S (2.5-3.
Inj Date : 16-SEP-2011 00:17
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-30837-D-15-A;;;5.09;5
Misc Info : 460-30837-D-15-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/8260L_10.m
Meth Date : 15-Sep-2011 18:45 ken Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.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	5.09000	Weight of sample extracted (g)
M	3.80228	% 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	2.563	2.574	(0.552)	42428	36.5042	37
	6 Methylene Chloride	84	2.516	2.533	(0.542)	9264	3.12516	3.2
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.375	4.392	(0.942)	201960	52.1210	53
*	69 Fluorobenzene	96	4.645	4.656	(1.000)	406816	50.0000	
$	37 Toluene-d8 (SUR)	98	6.369	6.380	(0.793)	397997	48.7095	50
	38 Toluene	91	6.428	6.438	(0.801)	3603	0.33501	0.34(aH)
*	32 Chlorobenzene-d5	117	8.028	8.038	(1.000)	279068	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.104	9.115	(0.912)	152508	46.4590	47
*	91 1,4-Dichlorobenzene-d4	152	9.986	9.991	(1.000)	162033	50.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/d12749.d
Report Date: 16-Sep-2011 13:19

QC Flag Legend

H - Operator selected an alternate compound hit.

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/d12749.d
Report Date: 16-Sep-2011 13:19

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/d12749.d
Lab Smp Id: 460-30837-D-15-A Client Smp ID: PMP-12-VD-S (2.5-3.
Inj Date : 16-SEP-2011 00:17
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-30837-D-15-A;;;5.09;5
Misc Info : 460-30837-D-15-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/8260L_10.m
Meth Date : 15-Sep-2011 18:45 ken Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.d
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

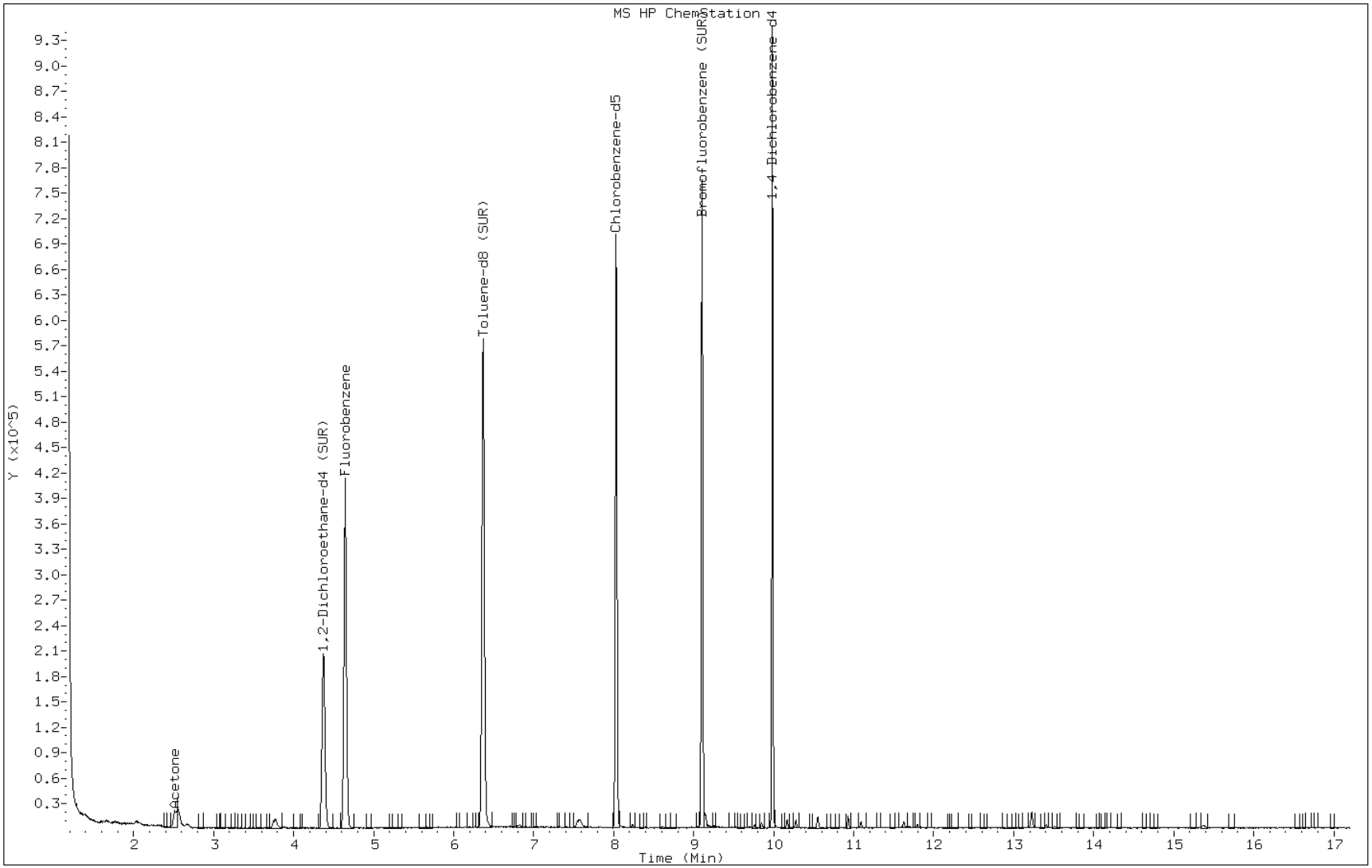
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: d12749.d

Date: 16-SEP-2011 00:17

Client ID: PMP-12-VD-S (2.5-3. Instrument: VOAMS4.i

Sample Info: 460-30837-D-15-A;;;5.09;5 Operator: VOAMS 9



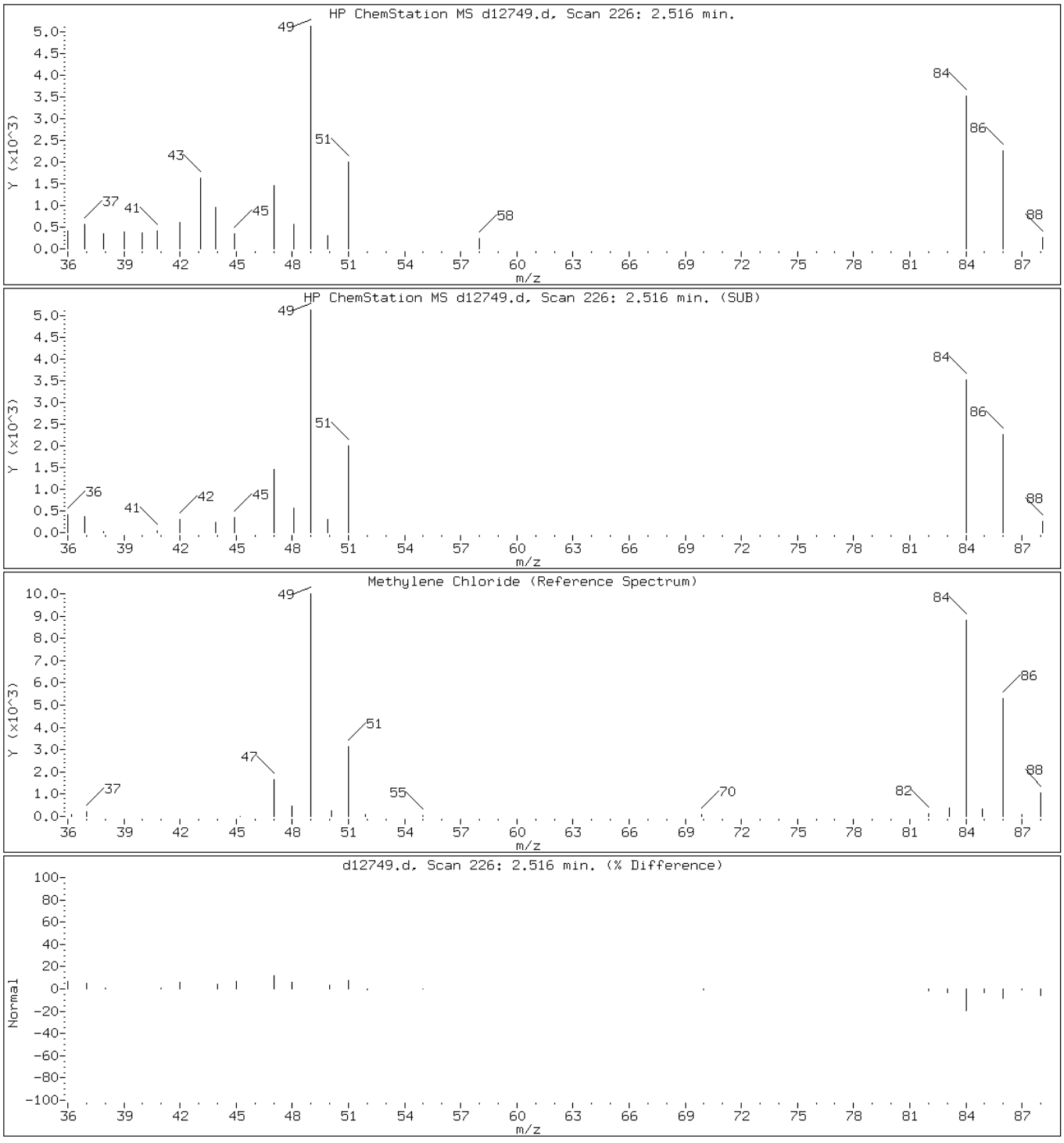
Data File: d12749.d

Date: 16-SEP-2011 00:17

Client ID: PMP-12-VD-S (2.5-3. Instrument: VOAMS4.i

Sample Info: 460-30837-D-15-A;;;5.09;5 Operator: VOAMS 9

6 Methylene Chloride



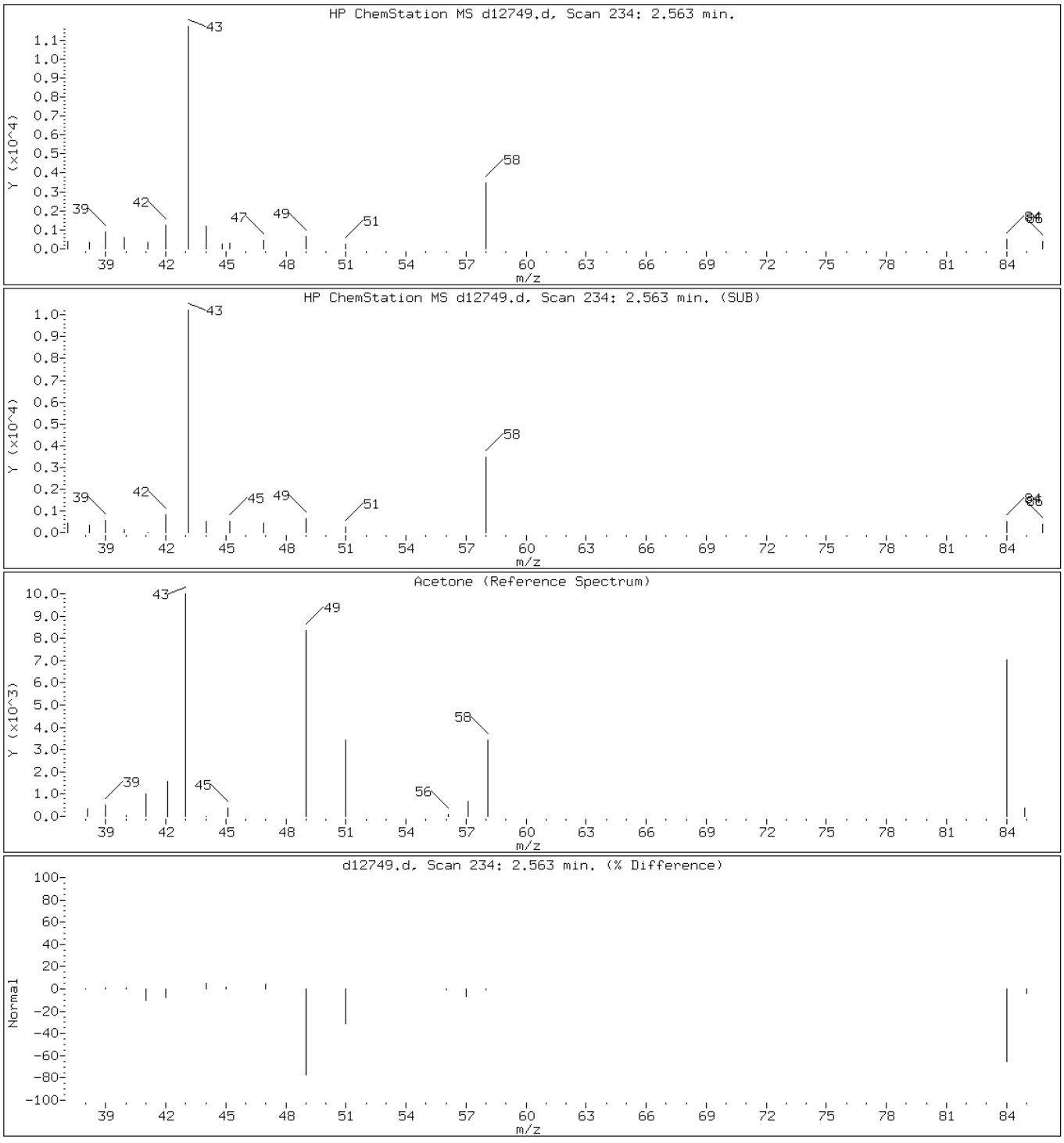
Data File: d12749.d

Date: 16-SEP-2011 00:17

Client ID: PMP-12-VD-S (2.5-3. Instrument: VOAMS4.i

Sample Info: 460-30837-D-15-A;;;5.09;5 Operator: VOAMS 9

7 Acetone



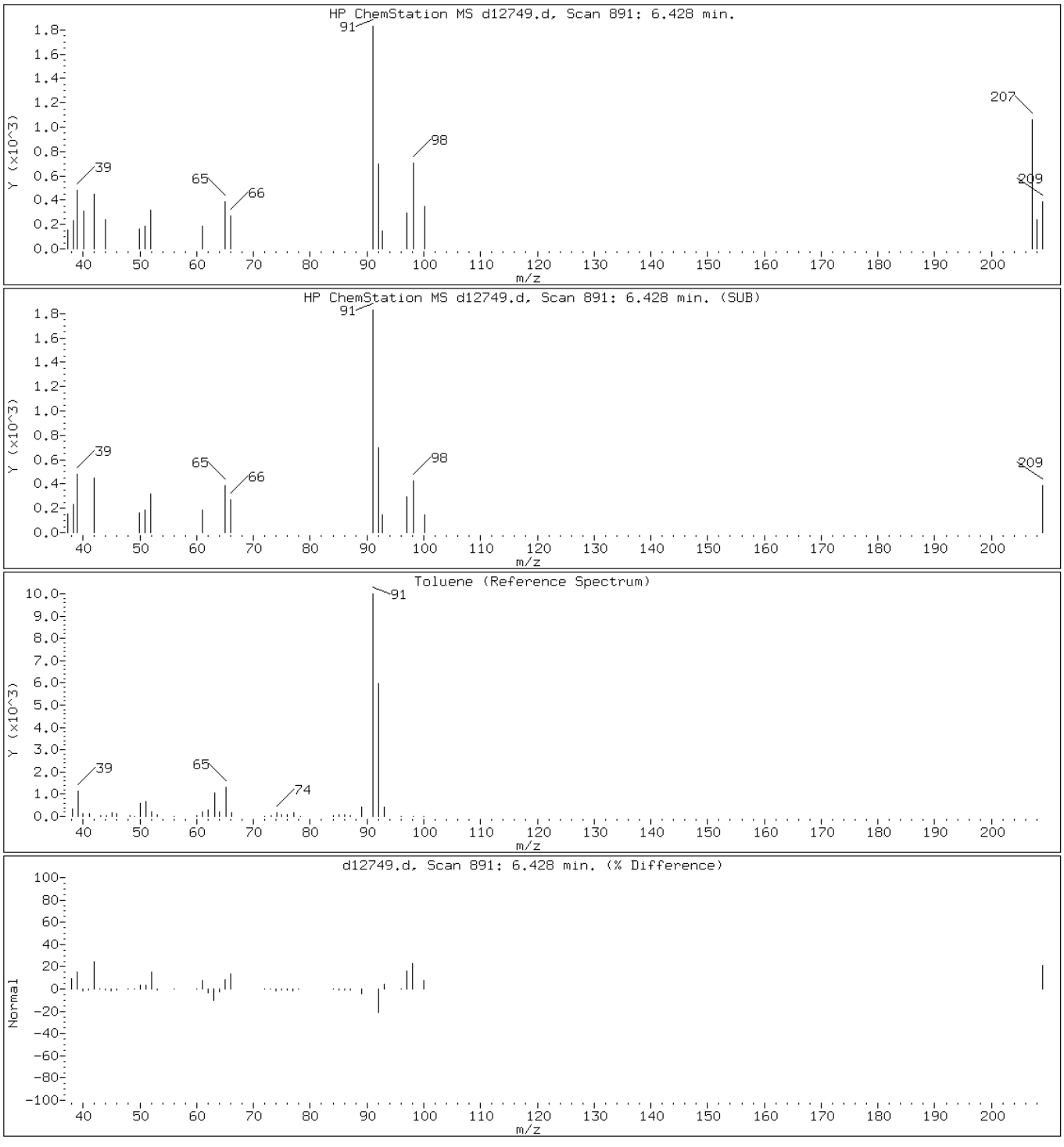
Data File: d12749.d

Date: 16-SEP-2011 00:17

Client ID: PMP-12-VD-S (2.5-3. Instrument: VOAMS4.i

Sample Info: 460-30837-D-15-A;;;5.09;5 Operator: VOAMS 9

38 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-12-WT-S (7.0-7.5) | Lab Sample ID: 460-30837-16

Matrix: Solid | Lab File ID: d12682.d

Analysis Method: 8260B | Date Collected: 09/09/2011 09:15

Sample wt/vol: 11.62(g) | Date Analyzed: 09/14/2011 14:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.9 | Level: (low/med) Low

Analysis Batch No.: 86004 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.49	U	0.49	0.31
74-83-9	Bromomethane	0.49	U	0.49	0.20
75-01-4	Vinyl chloride	0.49	U	0.49	0.11
75-00-3	Chloroethane	0.49	U	0.49	0.19
75-09-2	Methylene Chloride	0.53		0.49	0.23
67-64-1	Acetone	4.7	J	4.9	1.8
75-15-0	Carbon disulfide	0.49	U	0.49	0.23
75-69-4	Trichlorofluoromethane	0.49	U	0.49	0.13
75-35-4	1,1-Dichloroethene	0.49	U	0.49	0.18
75-34-3	1,1-Dichloroethane	0.49	U	0.49	0.12
156-60-5	trans-1,2-Dichloroethene	0.49	U	0.49	0.14
156-59-2	cis-1,2-Dichloroethene	0.49	U	0.49	0.12
67-66-3	Chloroform	0.49	U	0.49	0.12
78-93-3	2-Butanone	4.9	U	4.9	0.28
107-06-2	1,2-Dichloroethane	0.49	U	0.49	0.19
71-55-6	1,1,1-Trichloroethane	0.49	U	0.49	0.091
56-23-5	Carbon tetrachloride	0.49	U	0.49	0.049
71-43-2	Benzene	0.49	U	0.49	0.36
75-25-2	Bromoform	0.49	U	0.49	0.34
100-42-5	Styrene	0.49	U	0.49	0.17
100-41-4	Ethylbenzene	0.49	U	0.49	0.093
108-90-7	Chlorobenzene	0.49	U	0.49	0.24
110-82-7	Cyclohexane	0.49	U	0.49	0.11
98-82-8	Isopropylbenzene	0.49	U	0.49	0.13
591-78-6	2-Hexanone	4.9	U	4.9	0.82
1634-04-4	MTBE	0.49	U	0.49	0.17
76-13-1	Freon TF	0.49	U	0.49	0.23
79-20-9	Methyl acetate	0.49	U	0.49	0.44
123-91-1	1,4-Dioxane	24	U	24	2.0
79-01-6	Trichloroethene	0.49	U	0.49	0.18
108-88-3	Toluene	0.49	U	0.49	0.15
10061-02-6	trans-1,3-Dichloropropene	0.49	U	0.49	0.11
108-10-1	4-Methyl-2-pentanone	4.9	U	4.9	0.35
10061-01-5	cis-1,3-Dichloropropene	0.49	U	0.49	0.098
95-50-1	1,2-Dichlorobenzene	0.49	U	0.49	0.31
541-73-1	1,3-Dichlorobenzene	0.49	U	0.49	0.24

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-12-WT-S (7.0-7.5) | Lab Sample ID: 460-30837-16

Matrix: Solid | Lab File ID: d12682.d

Analysis Method: 8260B | Date Collected: 09/09/2011 09:15

Sample wt/vol: 11.62(g) | Date Analyzed: 09/14/2011 14:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.9 | Level: (low/med) Low

Analysis Batch No.: 86004 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.49	U	0.49	0.35
120-82-1	1,2,4-Trichlorobenzene	0.49	U	0.49	0.26
87-61-6	1,2,3-Trichlorobenzene	0.49	U	0.49	0.32
78-87-5	1,2-Dichloropropane	0.49	U	0.49	0.16
108-87-2	Methylcyclohexane	0.49	U	0.49	0.13
127-18-4	Tetrachloroethene	0.49	U	0.49	0.16
1330-20-7	Xylenes, Total	1.5	U	1.5	0.38
96-12-8	1,2-Dibromo-3-Chloropropane	0.49	U	0.49	0.30
79-34-5	1,1,2,2-Tetrachloroethane	0.49	U	0.49	0.37
79-00-5	1,1,2-Trichloroethane	0.49	U	0.49	0.29
124-48-1	Dibromochloromethane	0.49	U	0.49	0.27
106-93-4	1,2-Dibromoethane	0.49	U	0.49	0.25
75-71-8	Dichlorodifluoromethane	0.49	U	0.49	0.20
74-97-5	Bromochloromethane	0.49	U	0.49	0.13
75-27-4	Bromodichloromethane	0.49	U	0.49	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	115		70-138
2037-26-5	Toluene-d8 (Surr)	96		66-126
460-00-4	Bromofluorobenzene	89		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-12-WT-S (7.0-7.5) Lab Sample ID: 460-30837-16

Matrix: Solid Lab File ID: d12682.d

Analysis Method: 8260B Date Collected: 09/09/2011 09:15

Sample wt/vol: 11.62(g) Date Analyzed: 09/14/2011 14:08

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.9 Level: (low/med) Low

Analysis Batch No.: 86004 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/8260L_10/09-03-11/14sep11.b/d12682.d
Report Date: 14-Sep-2011 20:16

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/d12682.d
Lab Smp Id: 460-30837-E-16-A Client Smp ID: PMP-12-WT-S (7.0-7.
Inj Date : 14-SEP-2011 14:08
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-30837-E-16-A;;;11.62;5
Misc Info : 460-30837-E-16-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/8260L_10.m
Meth Date : 14-Sep-2011 04:31 audberto Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.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	11.62000	Weight of sample extracted (g)
M	11.89655	% 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	2.592	2.580	(0.555)	10165	9.69937	4.7(a)
6 Methylene Chloride	84	2.545	2.527	(0.545)	2911	1.08908	0.53
$ 16 1,2-Dichloroethane-d4 (SUR)	65	4.391	4.392	(0.941)	200756	57.4595	28
* 69 Fluorobenzene	96	4.668	4.662	(1.000)	366819	50.0000	
$ 37 Toluene-d8 (SUR)	98	6.385	6.386	(0.794)	365133	47.9431	23
* 32 Chlorobenzene-d5	117	8.038	8.038	(1.000)	260117	50.0000	
$ 41 Bromofluorobenzene (SUR)	174	9.115	9.115	(0.912)	142305	44.4574	22
* 91 1,4-Dichlorobenzene-d4	152	9.991	9.991	(1.000)	158000	50.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/d12682.d
Report Date: 14-Sep-2011 20:16

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/d12682.d
Lab Smp Id: 460-30837-E-16-A Client Smp ID: PMP-12-WT-S (7.0-7.
Inj Date : 14-SEP-2011 14:08
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-30837-E-16-A;;;11.62;5
Misc Info : 460-30837-E-16-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/8260L_10.m
Meth Date : 14-Sep-2011 04:31 audberto Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.d
Als bottle: 23
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

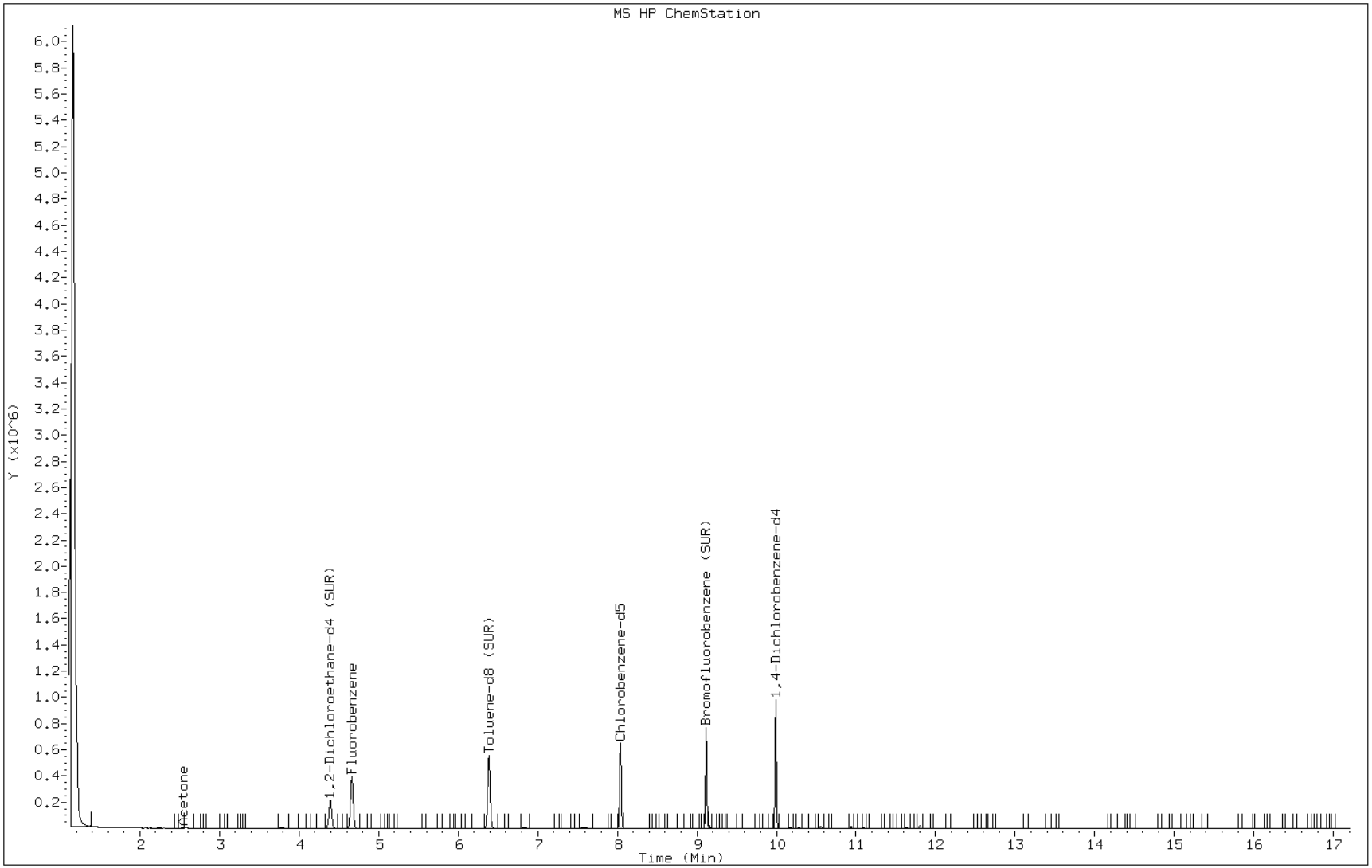
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: d12682.d

Date: 14-SEP-2011 14:08

Client ID: PMP-12-WT-S (7.0-7. Instrument: VOAMS4.i

Sample Info: 460-30837-E-16-A;;;11.62;5 Operator: VOAMS 9



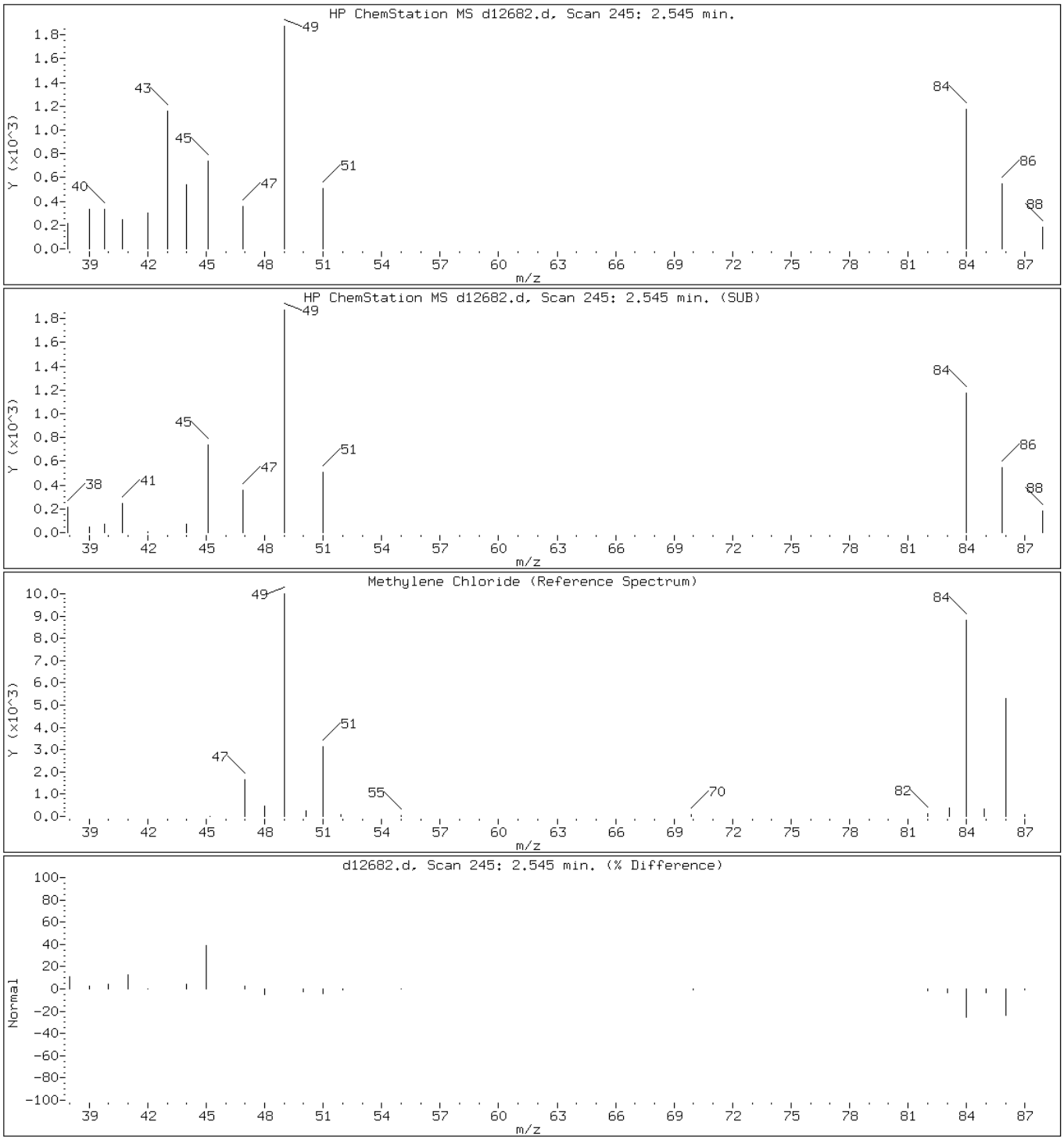
Data File: d12682.d

Date: 14-SEP-2011 14:08

Client ID: PMP-12-WT-S (7.0-7. Instrument: VOAMS4.i

Sample Info: 460-30837-E-16-A;;;11.62;5 Operator: VOAMS 9

6 Methylene Chloride



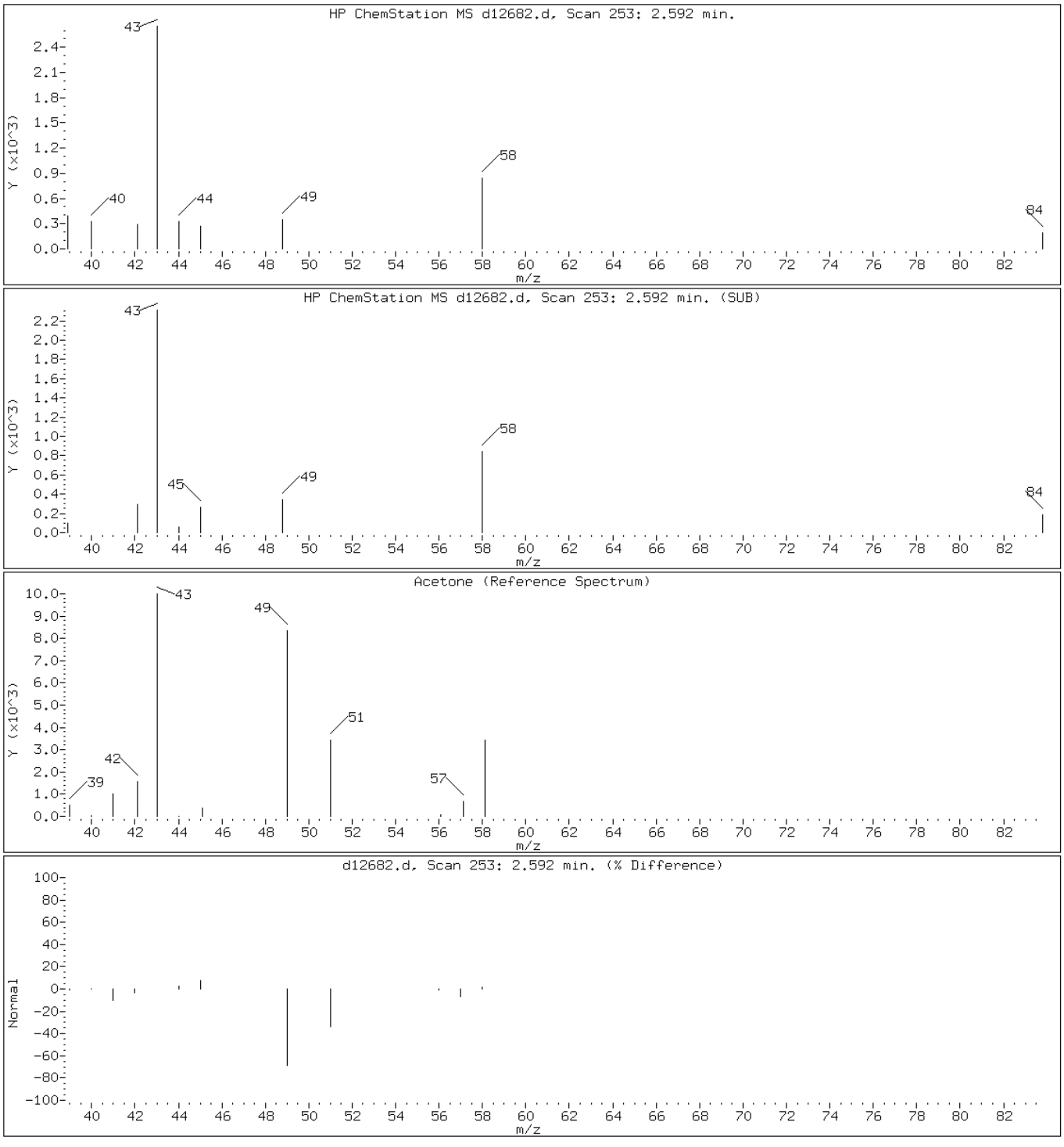
Data File: d12682.d

Date: 14-SEP-2011 14:08

Client ID: PMP-12-WT-S (7.0-7. Instrument: VOAMS4.i

Sample Info: 460-30837-E-16-A;;;11.62;5 Operator: VOAMS 9

7 Acetone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Dup_090811 Lab Sample ID: 460-30837-17

Matrix: Solid Lab File ID: d12683.d

Analysis Method: 8260B Date Collected: 09/09/2011 00:00

Sample wt/vol: 11.7(g) Date Analyzed: 09/14/2011 14:32

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 10.9 Level: (low/med) Low

Analysis Batch No.: 86004 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.48	U	0.48	0.30
74-83-9	Bromomethane	0.48	U	0.48	0.20
75-01-4	Vinyl chloride	0.48	U	0.48	0.11
75-00-3	Chloroethane	0.48	U	0.48	0.19
75-09-2	Methylene Chloride	1.3		0.48	0.23
67-64-1	Acetone	14		4.8	1.8
75-15-0	Carbon disulfide	0.48	U	0.48	0.22
75-69-4	Trichlorofluoromethane	0.48	U	0.48	0.12
75-35-4	1,1-Dichloroethene	0.48	U	0.48	0.18
75-34-3	1,1-Dichloroethane	0.48	U	0.48	0.12
156-60-5	trans-1,2-Dichloroethene	0.48	U	0.48	0.14
156-59-2	cis-1,2-Dichloroethene	0.48	U	0.48	0.11
67-66-3	Chloroform	0.48	U	0.48	0.11
78-93-3	2-Butanone	4.8	U	4.8	0.27
107-06-2	1,2-Dichloroethane	0.48	U	0.48	0.19
71-55-6	1,1,1-Trichloroethane	0.48	U	0.48	0.090
56-23-5	Carbon tetrachloride	0.48	U	0.48	0.048
71-43-2	Benzene	0.48	U	0.48	0.36
75-25-2	Bromoform	0.48	U	0.48	0.34
100-42-5	Styrene	0.48	U	0.48	0.17
100-41-4	Ethylbenzene	0.48	U	0.48	0.092
108-90-7	Chlorobenzene	0.48	U	0.48	0.23
110-82-7	Cyclohexane	0.48	U	0.48	0.11
98-82-8	Isopropylbenzene	0.48	U	0.48	0.12
591-78-6	2-Hexanone	4.8	U	4.8	0.80
1634-04-4	MTBE	0.48	U	0.48	0.17
76-13-1	Freon TF	0.48	U	0.48	0.23
79-20-9	Methyl acetate	0.48	U	0.48	0.43
123-91-1	1,4-Dioxane	24	U	24	2.0
79-01-6	Trichloroethene	0.48	U	0.48	0.17
108-88-3	Toluene	0.48	U	0.48	0.14
10061-02-6	trans-1,3-Dichloropropene	0.48	U	0.48	0.11
108-10-1	4-Methyl-2-pentanone	4.8	U	4.8	0.34
10061-01-5	cis-1,3-Dichloropropene	0.48	U	0.48	0.096
95-50-1	1,2-Dichlorobenzene	0.48	U	0.48	0.31
541-73-1	1,3-Dichlorobenzene	0.48	U	0.48	0.23

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Dup_090811 Lab Sample ID: 460-30837-17

Matrix: Solid Lab File ID: d12683.d

Analysis Method: 8260B Date Collected: 09/09/2011 00:00

Sample wt/vol: 11.7(g) Date Analyzed: 09/14/2011 14:32

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 10.9 Level: (low/med) Low

Analysis Batch No.: 86004 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.48	U	0.48	0.34
120-82-1	1,2,4-Trichlorobenzene	0.48	U	0.48	0.26
87-61-6	1,2,3-Trichlorobenzene	0.48	U	0.48	0.31
78-87-5	1,2-Dichloropropane	0.48	U	0.48	0.15
108-87-2	Methylcyclohexane	0.48	U	0.48	0.13
127-18-4	Tetrachloroethene	0.48	U	0.48	0.16
1330-20-7	Xylenes, Total	1.4	U	1.4	0.38
96-12-8	1,2-Dibromo-3-Chloropropane	0.48	U	0.48	0.29
79-34-5	1,1,2,2-Tetrachloroethane	0.48	U	0.48	0.36
79-00-5	1,1,2-Trichloroethane	0.48	U	0.48	0.28
124-48-1	Dibromochloromethane	0.48	U	0.48	0.27
106-93-4	1,2-Dibromoethane	0.48	U	0.48	0.25
75-71-8	Dichlorodifluoromethane	0.48	U	0.48	0.20
74-97-5	Bromochloromethane	0.48	U	0.48	0.13
75-27-4	Bromodichloromethane	0.48	U	0.48	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	126		70-138
2037-26-5	Toluene-d8 (Surr)	105		66-126
460-00-4	Bromofluorobenzene	104		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Dup_090811 Lab Sample ID: 460-30837-17

Matrix: Solid Lab File ID: d12683.d

Analysis Method: 8260B Date Collected: 09/09/2011 00:00

Sample wt/vol: 11.7(g) Date Analyzed: 09/14/2011 14:32

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 10.9 Level: (low/med) Low

Analysis Batch No.: 86004 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/8260L_10/09-03-11/14sep11.b/d12683.d
Report Date: 14-Sep-2011 20:16

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/d12683.d
Lab Smp Id: 460-30837-E-17-A Client Smp ID: Dup_090811
Inj Date : 14-SEP-2011 14:32
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-30837-E-17-A;;;11.70;5
Misc Info : 460-30837-E-17-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/8260L_10.m
Meth Date : 14-Sep-2011 04:31 audberto Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.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	11.70000	Weight of sample extracted (g)
M	10.91854	% 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	2.580	2.580	(0.553)	28815	29.7487	14
	6 Methylene Chloride	84	2.545	2.527	(0.545)	6679	2.70361	1.3
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.398	4.392	(0.942)	203653	63.0664	30
*	69 Fluorobenzene	96	4.668	4.662	(1.000)	339030	50.0000	
$	37 Toluene-d8 (SUR)	98	6.386	6.386	(0.794)	371740	52.5634	25
*	32 Chlorobenzene-d5	117	8.038	8.038	(1.000)	241546	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.115	9.115	(0.912)	147219	51.9081	25
*	91 1,4-Dichlorobenzene-d4	152	9.991	9.991	(1.000)	139994	50.0000	

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/d12683.d
Report Date: 14-Sep-2011 20:16

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/d12683.d
Lab Smp Id: 460-30837-E-17-A Client Smp ID: Dup_090811
Inj Date : 14-SEP-2011 14:32
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-30837-E-17-A;;;11.70;5
Misc Info : 460-30837-E-17-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/8260L_10.m
Meth Date : 14-Sep-2011 04:31 audberto Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.d
Als bottle: 24
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

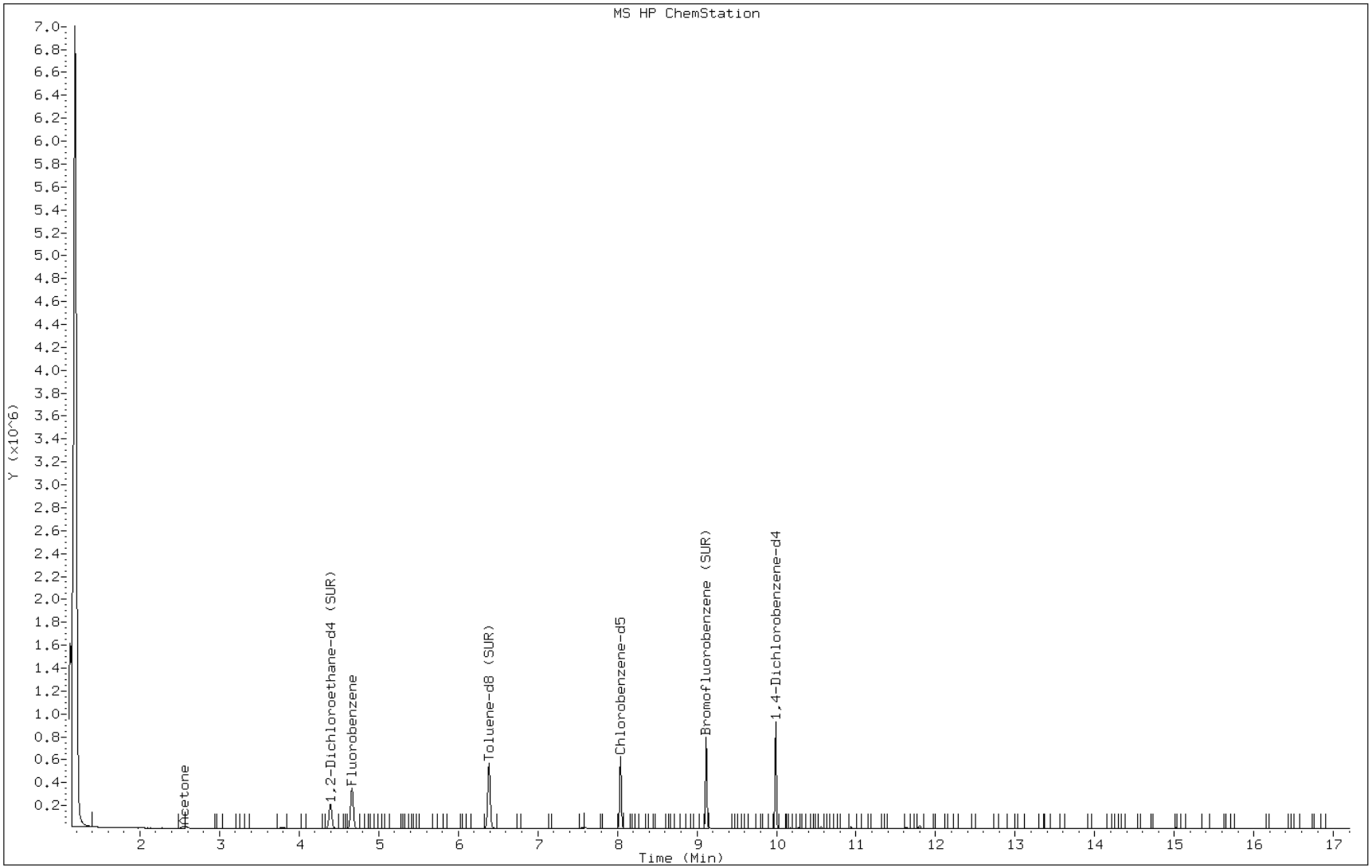
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: d12683.d

Date: 14-SEP-2011 14:32

Client ID: Dup_090811 Instrument: VOAMS4.i

Sample Info: 460-30837-E-17-A;;;11.70;5 Operator: VOAMS 9



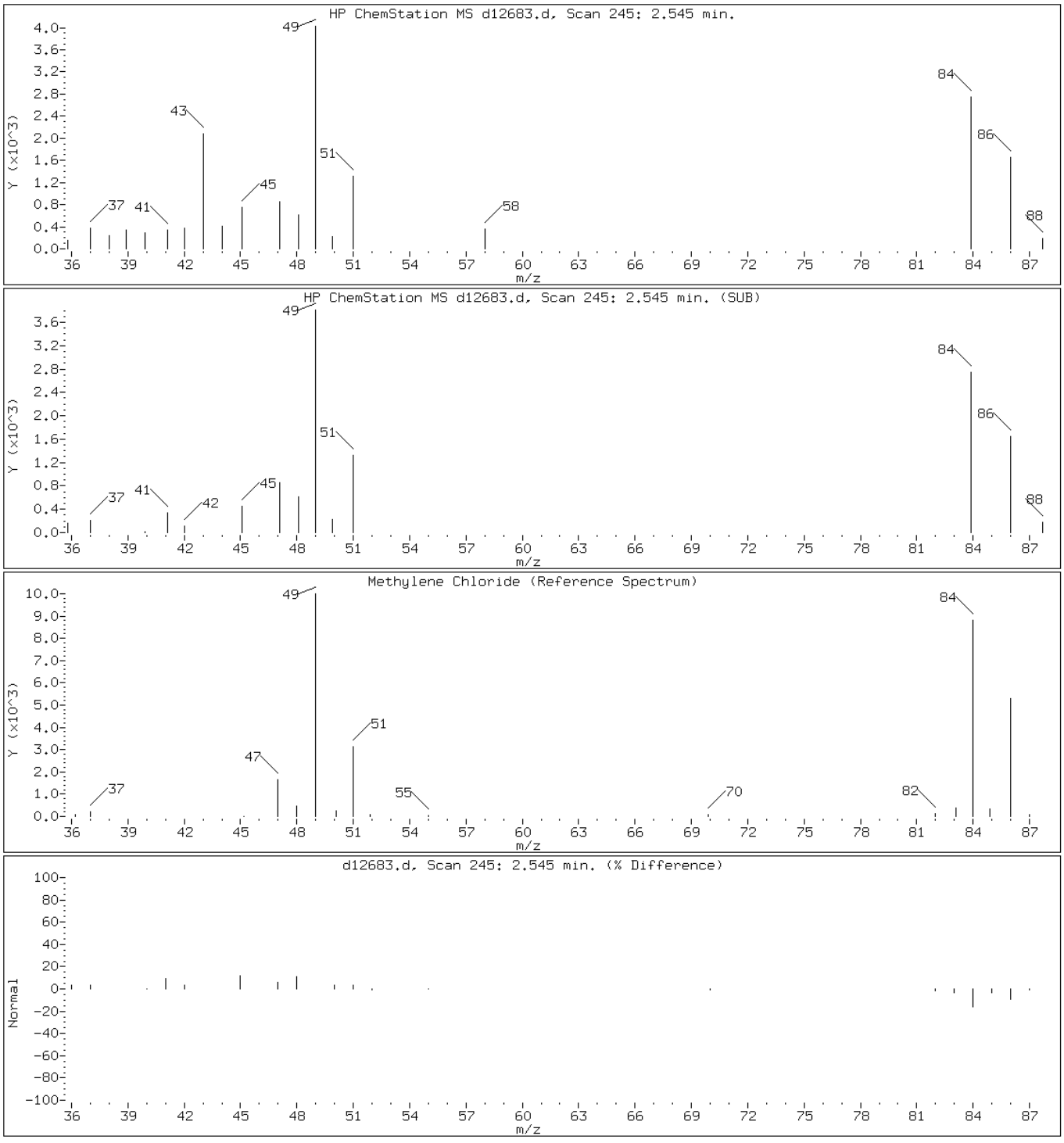
Data File: d12683.d

Date: 14-SEP-2011 14:32

Client ID: Dup_090811 Instrument: VOAMS4.i

Sample Info: 460-30837-E-17-A;;;11.70;5 Operator: VOAMS 9

6 Methylene Chloride



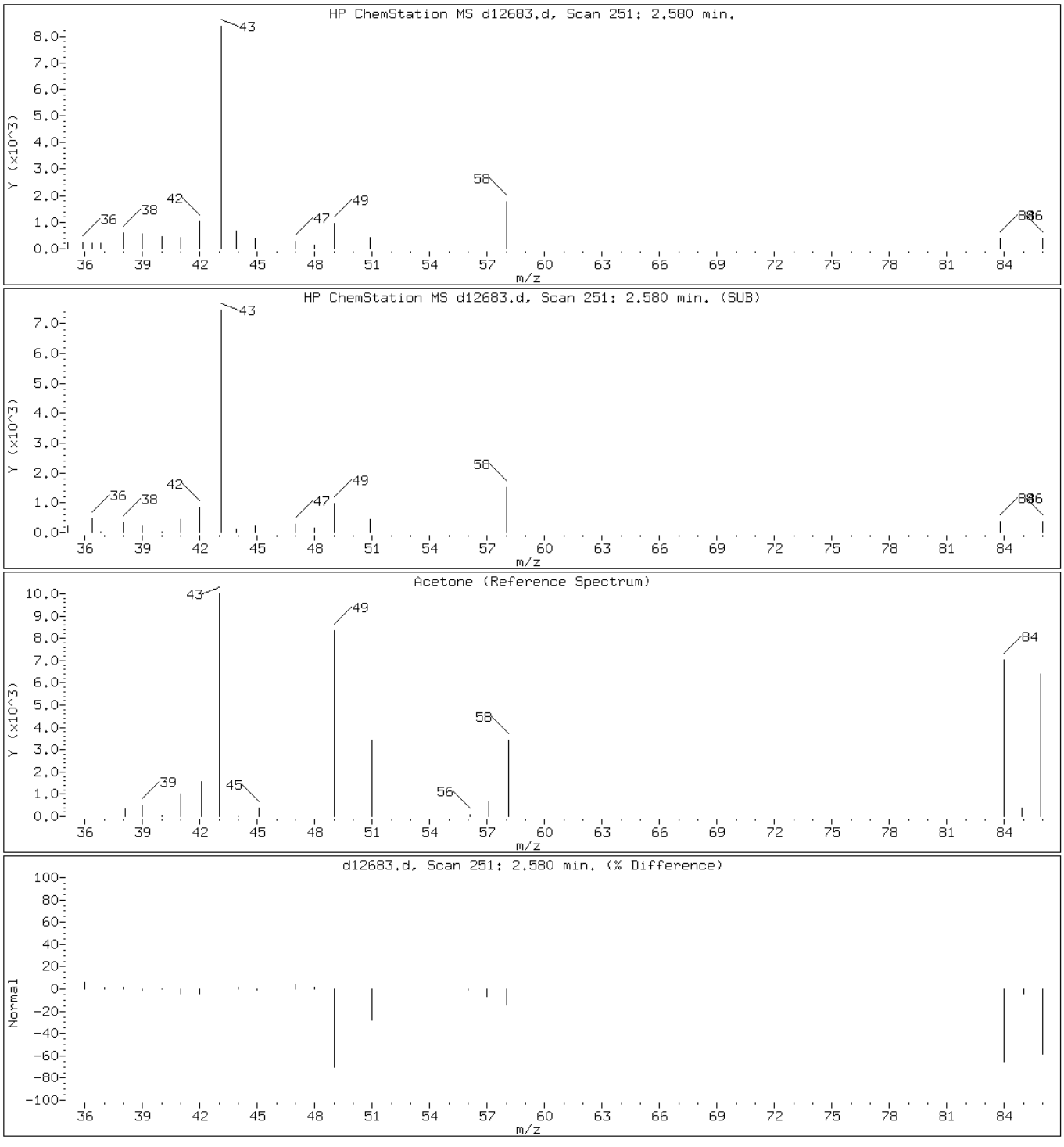
Data File: d12683.d

Date: 14-SEP-2011 14:32

Client ID: Dup_090811 Instrument: VOAMS4.i

Sample Info: 460-30837-E-17-A;;;11.70;5 Operator: VOAMS 9

7 Acetone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-25-VS-S (1-3) | Lab Sample ID: 460-30837-18

Matrix: Solid | Lab File ID: d12684.d

Analysis Method: 8260B | Date Collected: 09/09/2011 09:35

Sample wt/vol: 5.92(g) | Date Analyzed: 09/14/2011 14:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 7.1 | Level: (low/med) Low

Analysis Batch No.: 86004 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.91	U	0.91	0.58
74-83-9	Bromomethane	0.91	U	0.91	0.37
75-01-4	Vinyl chloride	0.91	U	0.91	0.21
75-00-3	Chloroethane	0.91	U	0.91	0.36
75-09-2	Methylene Chloride	2.5		0.91	0.43
67-64-1	Acetone	8.9	J	9.1	3.4
75-15-0	Carbon disulfide	0.91	U	0.91	0.42
75-69-4	Trichlorofluoromethane	0.91	U	0.91	0.24
75-35-4	1,1-Dichloroethene	0.91	U	0.91	0.34
75-34-3	1,1-Dichloroethane	0.91	U	0.91	0.23
156-60-5	trans-1,2-Dichloroethene	0.91	U	0.91	0.26
156-59-2	cis-1,2-Dichloroethene	0.91	U	0.91	0.21
67-66-3	Chloroform	0.91	U	0.91	0.22
78-93-3	2-Butanone	9.1	U	9.1	0.52
107-06-2	1,2-Dichloroethane	0.91	U	0.91	0.35
71-55-6	1,1,1-Trichloroethane	0.91	U	0.91	0.17
56-23-5	Carbon tetrachloride	0.91	U	0.91	0.092
71-43-2	Benzene	0.91	U	0.91	0.67
75-25-2	Bromoform	0.91	U	0.91	0.64
100-42-5	Styrene	0.91	U	0.91	0.31
100-41-4	Ethylbenzene	0.22	J	0.91	0.17
108-90-7	Chlorobenzene	0.91	U	0.91	0.44
110-82-7	Cyclohexane	0.91	U	0.91	0.20
98-82-8	Isopropylbenzene	0.91	U	0.91	0.24
591-78-6	2-Hexanone	9.1	U	9.1	1.5
1634-04-4	MTBE	0.91	U	0.91	0.31
76-13-1	Freon TF	0.91	U	0.91	0.43
79-20-9	Methyl acetate	0.91	U	0.91	0.81
123-91-1	1,4-Dioxane	45	U	45	3.8
79-01-6	Trichloroethene	0.91	U	0.91	0.33
108-88-3	Toluene	0.91	U	0.91	0.27
10061-02-6	trans-1,3-Dichloropropene	0.91	U	0.91	0.20
108-10-1	4-Methyl-2-pentanone	9.1	U	9.1	0.65
10061-01-5	cis-1,3-Dichloropropene	0.91	U	0.91	0.18
95-50-1	1,2-Dichlorobenzene	0.91	U	0.91	0.58
541-73-1	1,3-Dichlorobenzene	0.91	U	0.91	0.44

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-25-VS-S (1-3) | Lab Sample ID: 460-30837-18

Matrix: Solid | Lab File ID: d12684.d

Analysis Method: 8260B | Date Collected: 09/09/2011 09:35

Sample wt/vol: 5.92(g) | Date Analyzed: 09/14/2011 14:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 7.1 | Level: (low/med) Low

Analysis Batch No.: 86004 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.91	U	0.91	0.65
120-82-1	1,2,4-Trichlorobenzene	0.91	U	0.91	0.49
87-61-6	1,2,3-Trichlorobenzene	0.91	U	0.91	0.59
78-87-5	1,2-Dichloropropane	0.91	U	0.91	0.29
108-87-2	Methylcyclohexane	0.91	U	0.91	0.25
127-18-4	Tetrachloroethene	0.91	U	0.91	0.30
1330-20-7	Xylenes, Total	2.7	U	2.7	0.71
96-12-8	1,2-Dibromo-3-Chloropropane	0.91	U	0.91	0.56
79-34-5	1,1,2,2-Tetrachloroethane	0.91	U	0.91	0.69
79-00-5	1,1,2-Trichloroethane	0.91	U	0.91	0.54
124-48-1	Dibromochloromethane	0.91	U	0.91	0.51
106-93-4	1,2-Dibromoethane	0.91	U	0.91	0.47
75-71-8	Dichlorodifluoromethane	0.91	U	0.91	0.37
74-97-5	Bromochloromethane	0.91	U	0.91	0.25
75-27-4	Bromodichloromethane	0.91	U	0.91	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		70-138
2037-26-5	Toluene-d8 (Surr)	102		66-126
460-00-4	Bromofluorobenzene	96		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-25-VS-S (1-3) Lab Sample ID: 460-30837-18

Matrix: Solid Lab File ID: d12684.d

Analysis Method: 8260B Date Collected: 09/09/2011 09:35

Sample wt/vol: 5.92(g) Date Analyzed: 09/14/2011 14:56

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 7.1 Level: (low/med) Low

Analysis Batch No.: 86004 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/8260L_10/09-03-11/14sep11.b/d12684.d
Report Date: 14-Sep-2011 20:17

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/d12684.d
Lab Smp Id: 460-30837-E-18-A Client Smp ID: PMP-25-VS-S (1-3)
Inj Date : 14-SEP-2011 14:56
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-30837-E-18-A;;;5.92;5
Misc Info : 460-30837-E-18-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/8260L_10.m
Meth Date : 14-Sep-2011 04:31 audberto Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.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	5.92000	Weight of sample extracted (g)
M	7.13012	% 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	2.580	2.580	(0.553)	9758	9.74586	8.9(a)
6 Methylene Chloride	84	2.539	2.527	(0.545)	6941	2.71810	2.5
$ 16 1,2-Dichloroethane-d4 (SUR)	65	4.391	4.392	(0.942)	190460	57.0585	52
* 69 Fluorobenzene	96	4.662	4.662	(1.000)	350452	50.0000	
$ 37 Toluene-d8 (SUR)	98	6.385	6.386	(0.794)	360595	50.7694	46
* 32 Chlorobenzene-d5	117	8.038	8.038	(1.000)	242584	50.0000	
40 Ethylbenzene	106	8.109	8.103	(1.009)	746	0.23796	0.22(a)
43 m+p-Xylene	106	8.244	8.244	(1.026)	1859	0.47044	0.43(a)
$ 41 Bromofluorobenzene (SUR)	174	9.115	9.115	(0.912)	130066	47.9355	44
* 91 1,4-Dichlorobenzene-d4	152	9.991	9.991	(1.000)	133933	50.0000	

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/d12684.d
Report Date: 14-Sep-2011 20:17

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/d12684.d
Report Date: 14-Sep-2011 20:17

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/d12684.d
Lab Smp Id: 460-30837-E-18-A Client Smp ID: PMP-25-VS-S (1-3)
Inj Date : 14-SEP-2011 14:56
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-30837-E-18-A;;;5.92;5
Misc Info : 460-30837-E-18-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/8260L_10.m
Meth Date : 14-Sep-2011 04:31 audberto Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.d
Als bottle: 25
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

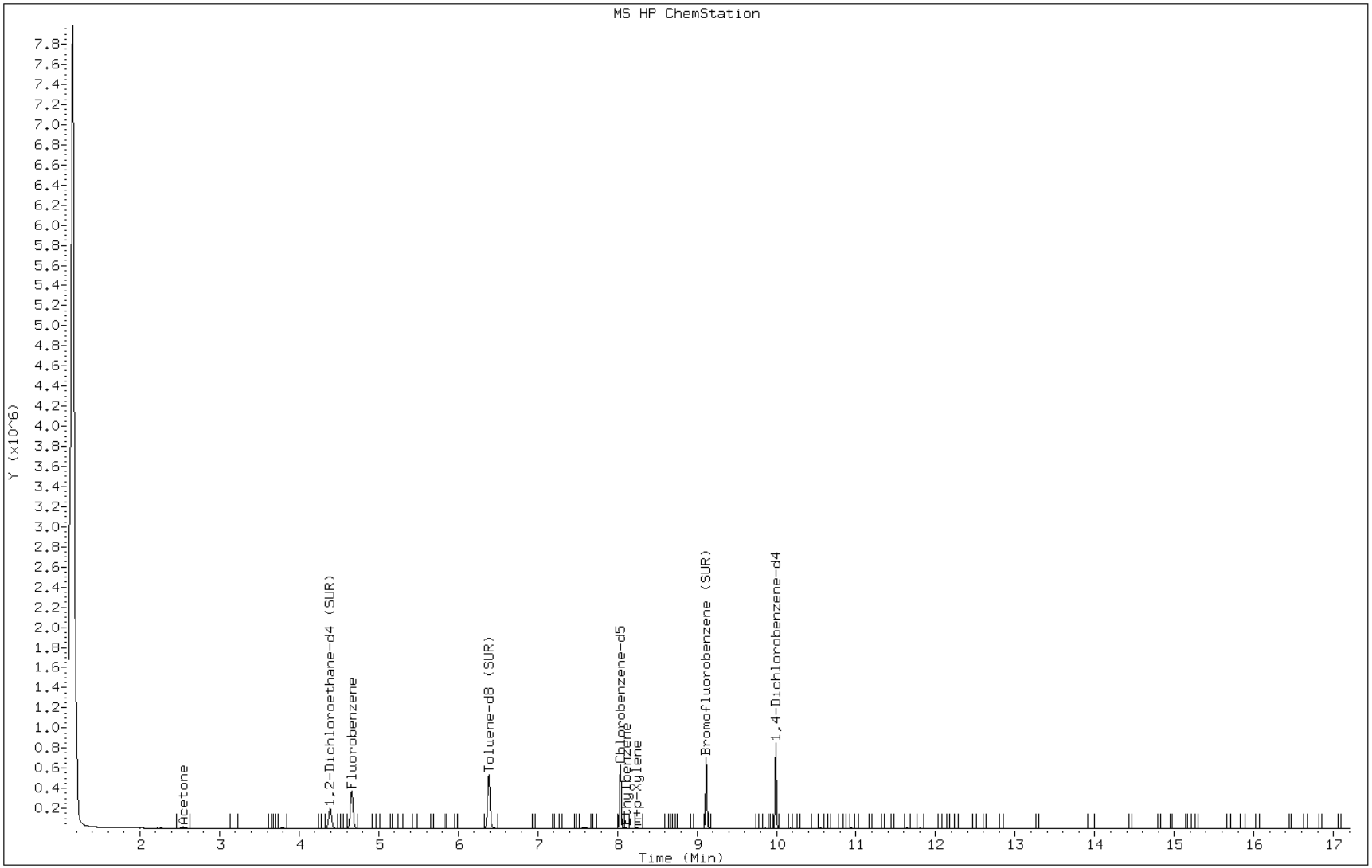
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: d12684.d

Date: 14-SEP-2011 14:56

Client ID: PMP-25-VS-S (1-3) Instrument: VOAMS4.i

Sample Info: 460-30837-E-18-A;;;5.92;5 Operator: VOAMS 9



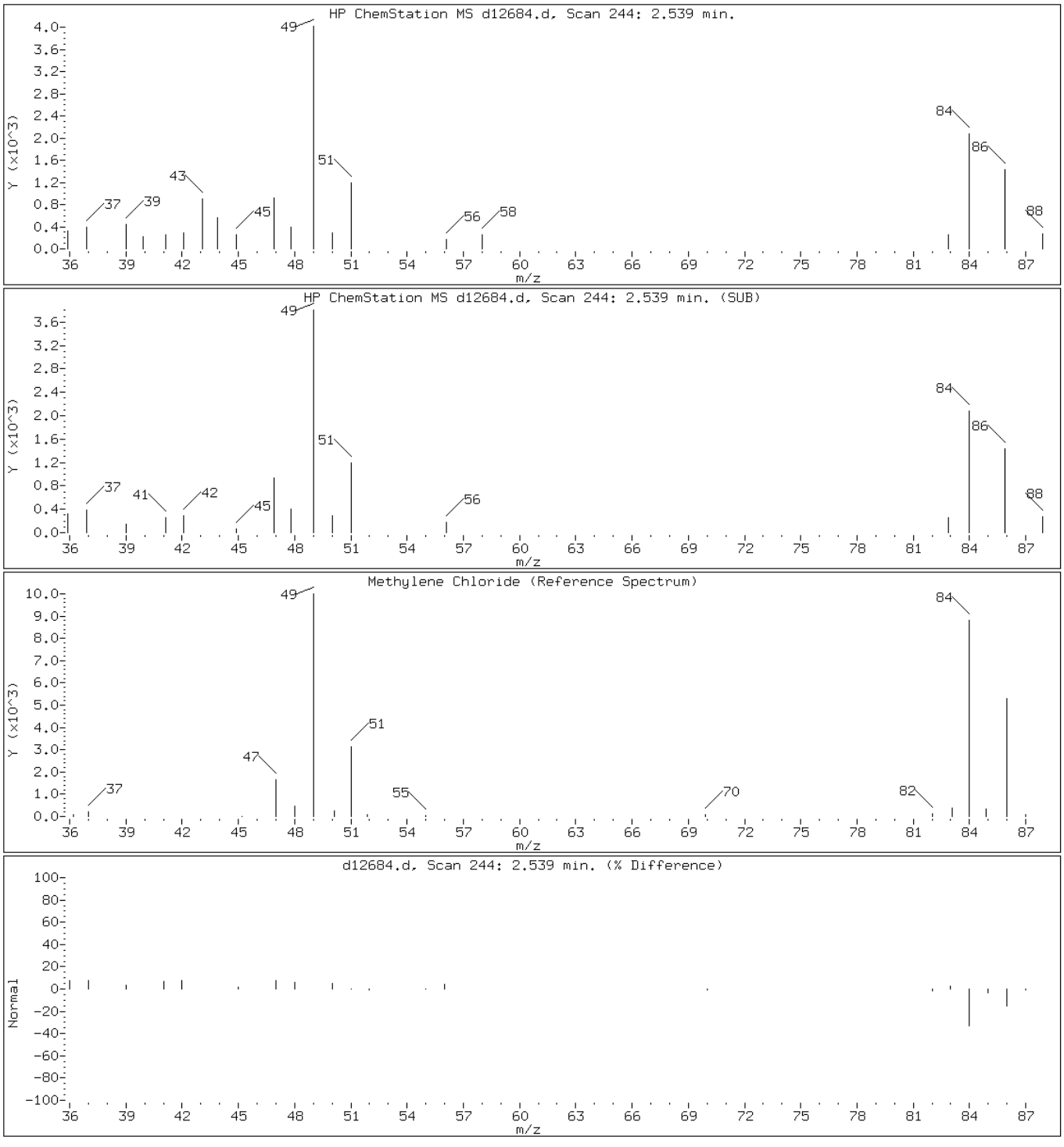
Data File: d12684.d

Date: 14-SEP-2011 14:56

Client ID: PMP-25-VS-S (1-3) Instrument: VOAMS4.i

Sample Info: 460-30837-E-18-A;;;5.92;5 Operator: VOAMS 9

6 Methylene Chloride



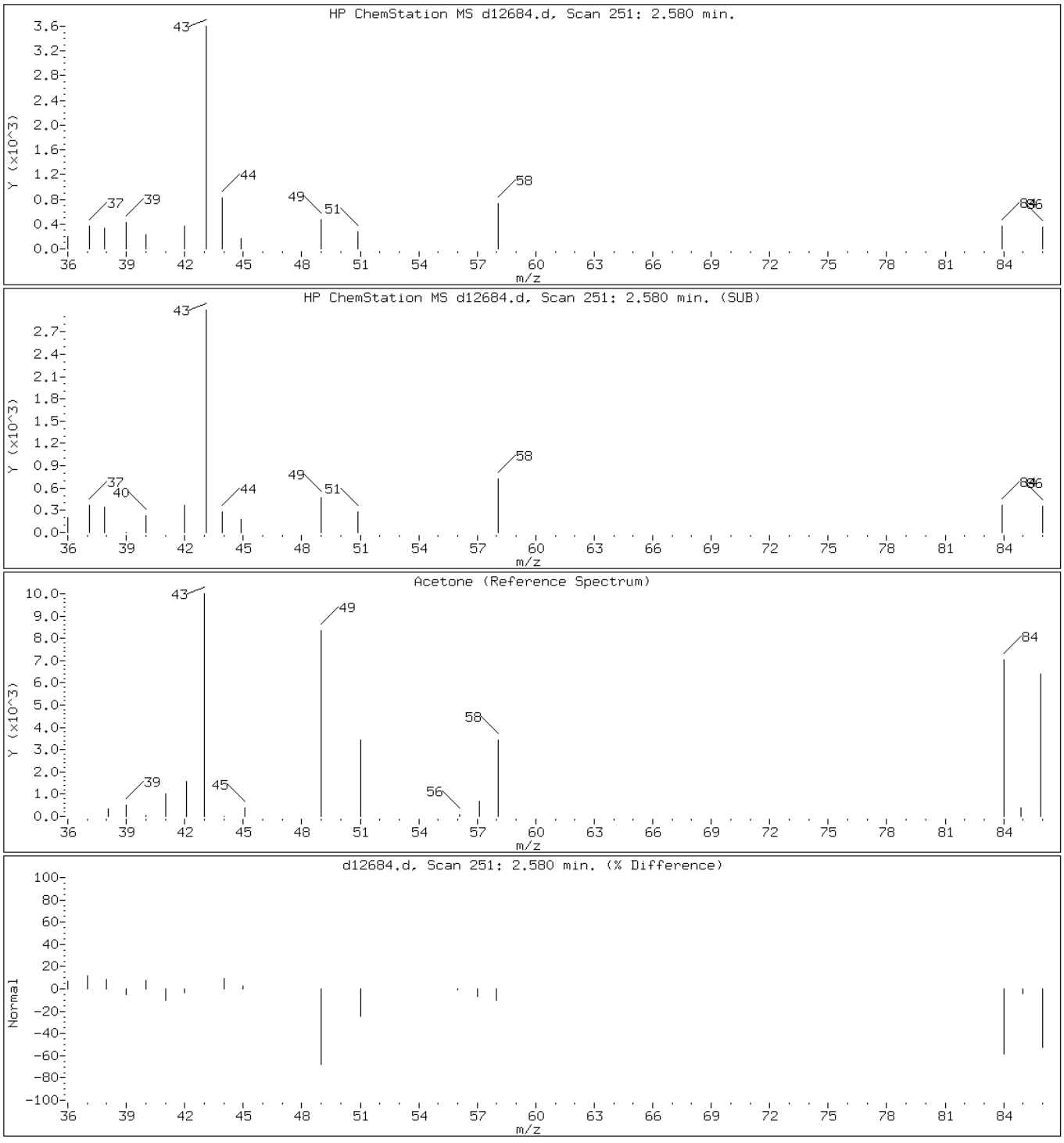
Data File: d12684.d

Date: 14-SEP-2011 14:56

Client ID: PMP-25-VS-S (1-3) Instrument: VOAMS4.i

Sample Info: 460-30837-E-18-A;;;5.92;5 Operator: VOAMS 9

7 Acetone



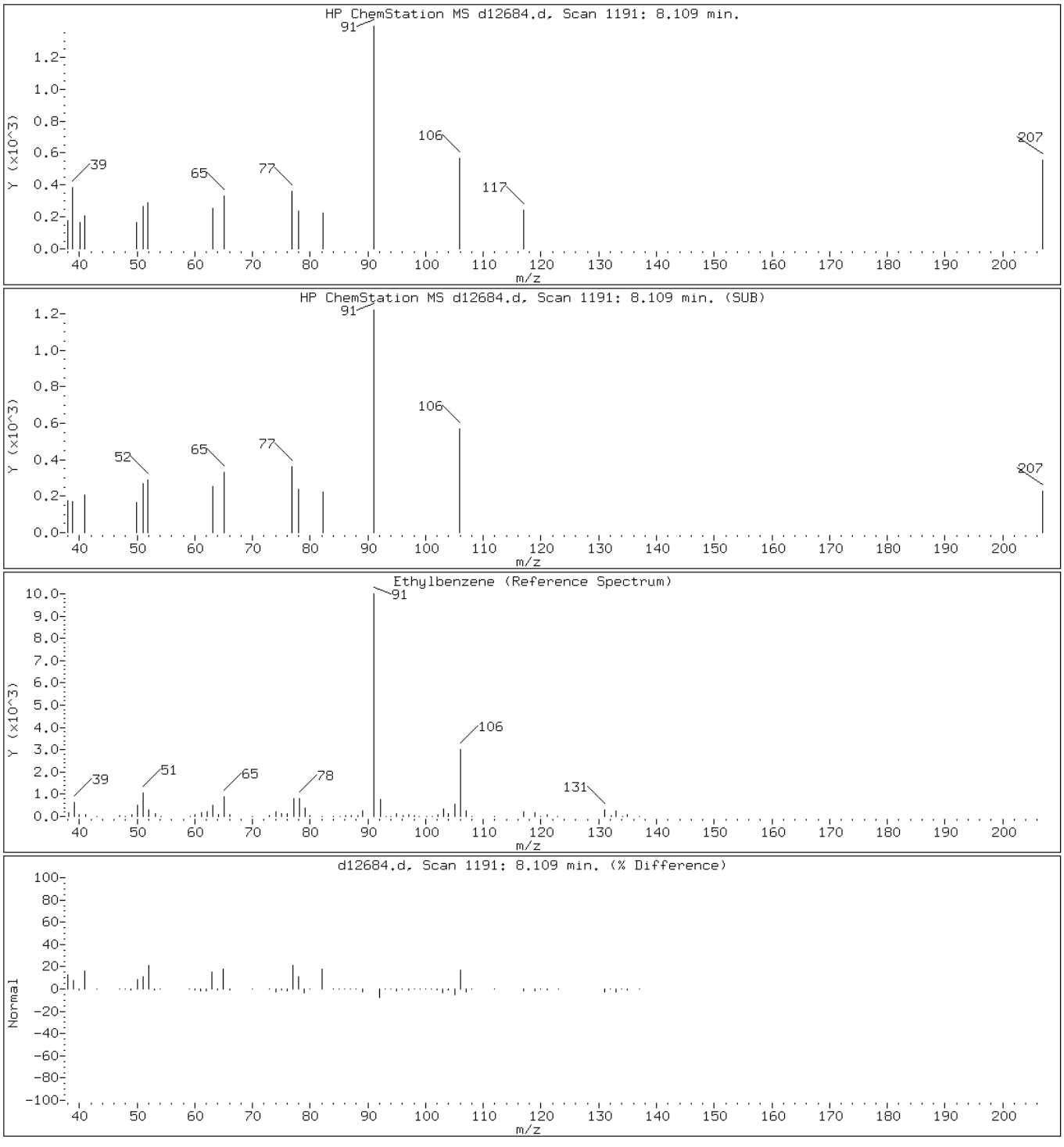
Data File: d12684.d

Date: 14-SEP-2011 14:56

Client ID: PMP-25-VS-S (1-3) Instrument: VOAMS4.i

Sample Info: 460-30837-E-18-A;;;5.92;5 Operator: VOAMS 9

40 Ethylbenzene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-25-VD-S (3-5) | Lab Sample ID: 460-30837-19

Matrix: Solid | Lab File ID: d12750.d

Analysis Method: 8260B | Date Collected: 09/09/2011 09:40

Sample wt/vol: 5.88(g) | Date Analyzed: 09/16/2011 00:41

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.3 | Level: (low/med) Low

Analysis Batch No.: 86290 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.98	U	0.98	0.62
74-83-9	Bromomethane	0.98	U	0.98	0.40
75-01-4	Vinyl chloride	0.98	U	0.98	0.23
75-00-3	Chloroethane	0.98	U	0.98	0.39
75-09-2	Methylene Chloride	2.3	B	0.98	0.46
67-64-1	Acetone	8.2	J B	9.8	3.6
75-15-0	Carbon disulfide	0.98	U	0.98	0.46
75-69-4	Trichlorofluoromethane	0.98	U	0.98	0.25
75-35-4	1,1-Dichloroethene	0.98	U	0.98	0.36
75-34-3	1,1-Dichloroethane	0.98	U	0.98	0.25
156-60-5	trans-1,2-Dichloroethene	0.98	U	0.98	0.28
156-59-2	cis-1,2-Dichloroethene	0.98	U	0.98	0.23
67-66-3	Chloroform	0.98	U	0.98	0.23
78-93-3	2-Butanone	9.8	U	9.8	0.56
107-06-2	1,2-Dichloroethane	0.98	U	0.98	0.38
71-55-6	1,1,1-Trichloroethane	0.98	U	0.98	0.18
56-23-5	Carbon tetrachloride	0.98	U	0.98	0.099
71-43-2	Benzene	0.98	U	0.98	0.73
75-25-2	Bromoform	0.98	U	0.98	0.69
100-42-5	Styrene	0.98	U	0.98	0.34
100-41-4	Ethylbenzene	0.98	U	0.98	0.19
108-90-7	Chlorobenzene	0.98	U	0.98	0.47
110-82-7	Cyclohexane	0.98	U *	0.98	0.22
98-82-8	Isopropylbenzene	0.98	U	0.98	0.25
591-78-6	2-Hexanone	9.8	U	9.8	1.6
1634-04-4	MTBE	0.98	U	0.98	0.34
76-13-1	Freon TF	0.98	U	0.98	0.47
79-20-9	Methyl acetate	0.98	U	0.98	0.88
123-91-1	1,4-Dioxane	49	U	49	4.1
79-01-6	Trichloroethene	0.98	U	0.98	0.36
108-88-3	Toluene	0.98	U	0.98	0.29
10061-02-6	trans-1,3-Dichloropropene	0.98	U	0.98	0.22
108-10-1	4-Methyl-2-pentanone	9.8	U	9.8	0.70
10061-01-5	cis-1,3-Dichloropropene	0.98	U	0.98	0.20
95-50-1	1,2-Dichlorobenzene	0.98	U	0.98	0.62
541-73-1	1,3-Dichlorobenzene	0.98	U	0.98	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-25-VD-S (3-5) | Lab Sample ID: 460-30837-19

Matrix: Solid | Lab File ID: d12750.d

Analysis Method: 8260B | Date Collected: 09/09/2011 09:40

Sample wt/vol: 5.88(g) | Date Analyzed: 09/16/2011 00:41

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.3 | Level: (low/med) Low

Analysis Batch No.: 86290 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.98	U	0.98	0.70
120-82-1	1,2,4-Trichlorobenzene	0.98	U	0.98	0.52
87-61-6	1,2,3-Trichlorobenzene	0.98	U	0.98	0.64
78-87-5	1,2-Dichloropropane	0.98	U	0.98	0.31
108-87-2	Methylcyclohexane	0.98	U	0.98	0.27
127-18-4	Tetrachloroethene	0.98	U	0.98	0.32
1330-20-7	Xylenes, Total	2.9	U	2.9	0.77
96-12-8	1,2-Dibromo-3-Chloropropane	0.98	U	0.98	0.60
79-34-5	1,1,2,2-Tetrachloroethane	0.98	U	0.98	0.75
79-00-5	1,1,2-Trichloroethane	0.98	U	0.98	0.58
124-48-1	Dibromochloromethane	0.98	U	0.98	0.55
106-93-4	1,2-Dibromoethane	0.98	U	0.98	0.51
75-71-8	Dichlorodifluoromethane	0.98	U	0.98	0.40
74-97-5	Bromochloromethane	0.98	U	0.98	0.27
75-27-4	Bromodichloromethane	0.98	U	0.98	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		70-138
2037-26-5	Toluene-d8 (Surr)	95		66-126
460-00-4	Bromofluorobenzene	92		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-25-VD-S (3-5) Lab Sample ID: 460-30837-19

Matrix: Solid Lab File ID: d12750.d

Analysis Method: 8260B Date Collected: 09/09/2011 09:40

Sample wt/vol: 5.88(g) Date Analyzed: 09/16/2011 00:41

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.3 Level: (low/med) Low

Analysis Batch No.: 86290 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/8260L_10/09-03-11/15sep11a.b/d12750.d
Report Date: 16-Sep-2011 13:28

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/d12750.d
Lab Smp Id: 460-30837-D-19-A Client Smp ID: PMP-25-VD-S (3-5)
Inj Date : 16-SEP-2011 00:41
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-30837-D-19-A;;;5.88;5
Misc Info : 460-30837-D-19-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/8260L_10.m
Meth Date : 15-Sep-2011 18:45 ken Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.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	5.88000	Weight of sample extracted (g)
M	13.27103	% 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	2.563	2.574	(0.551)	9705	8.36246	8.2(aH)
6 Methylene Chloride	84	2.528	2.533	(0.544)	6892	2.32845	2.3
$ 16 1,2-Dichloroethane-d4 (SUR)	65	4.381	4.392	(0.942)	198552	51.3180	50
* 69 Fluorobenzene	96	4.651	4.656	(1.000)	406209	50.0000	
$ 37 Toluene-d8 (SUR)	98	6.369	6.380	(0.793)	391352	47.3427	46
* 32 Chlorobenzene-d5	117	8.028	8.038	(1.000)	282331	50.0000	
$ 41 Bromofluorobenzene (SUR)	174	9.104	9.115	(0.912)	149511	46.1577	45
* 91 1,4-Dichlorobenzene-d4	152	9.986	9.991	(1.000)	159886	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: /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/d12750.d
Report Date: 16-Sep-2011 13:28

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/d12750.d
Lab Smp Id: 460-30837-D-19-A Client Smp ID: PMP-25-VD-S (3-5)
Inj Date : 16-SEP-2011 00:41
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-30837-D-19-A;;;5.88;5
Misc Info : 460-30837-D-19-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/8260L_10.m
Meth Date : 15-Sep-2011 18:45 ken Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.d
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

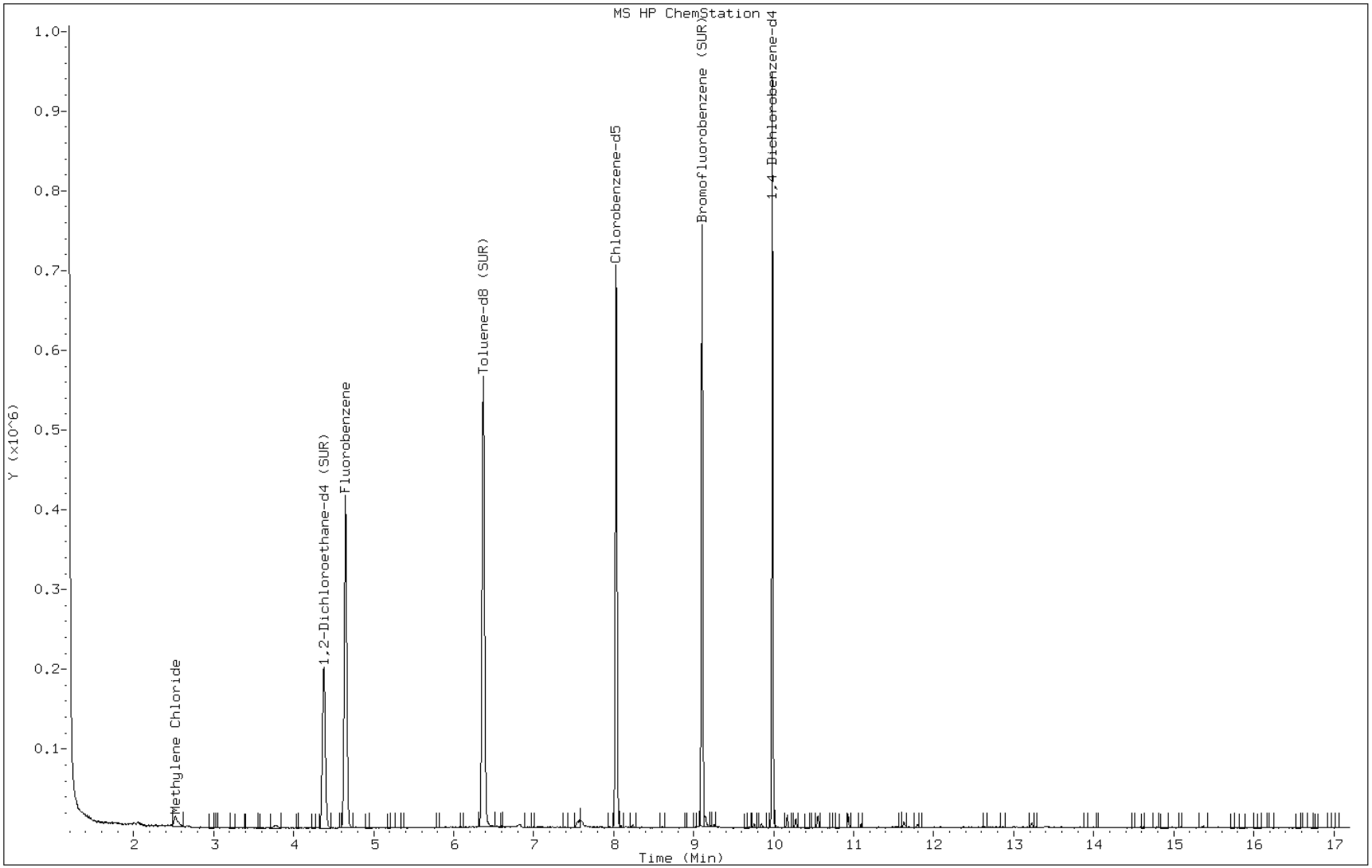
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: d12750.d

Date: 16-SEP-2011 00:41

Client ID: PMP-25-VD-S (3-5) Instrument: VOAMS4.i

Sample Info: 460-30837-D-19-A;;;5.88;5 Operator: VOAMS 9



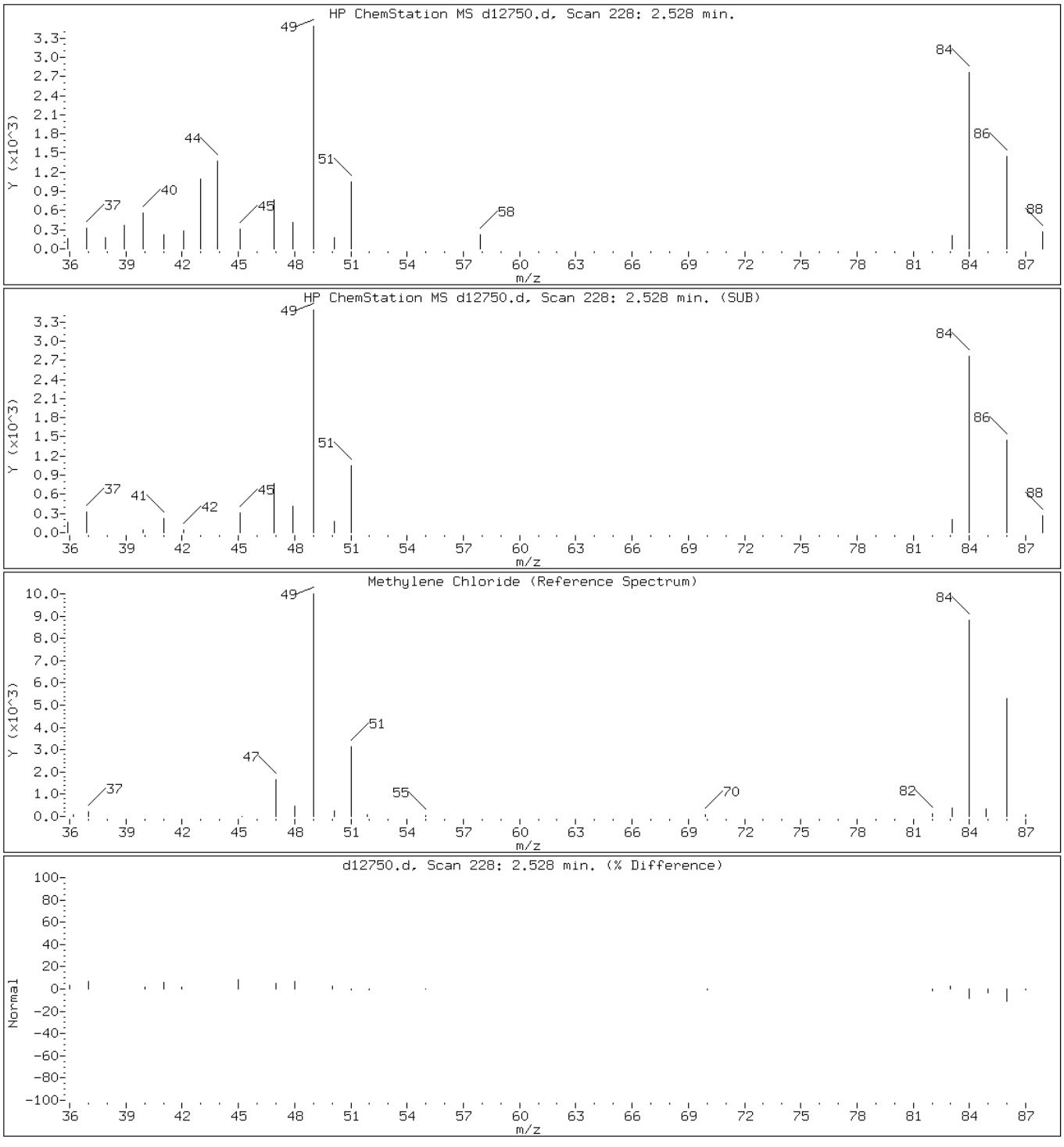
Data File: d12750.d

Date: 16-SEP-2011 00:41

Client ID: PMP-25-VD-S (3-5) Instrument: VOAMS4.i

Sample Info: 460-30837-D-19-A;;;5.88;5 Operator: VOAMS 9

6 Methylene Chloride



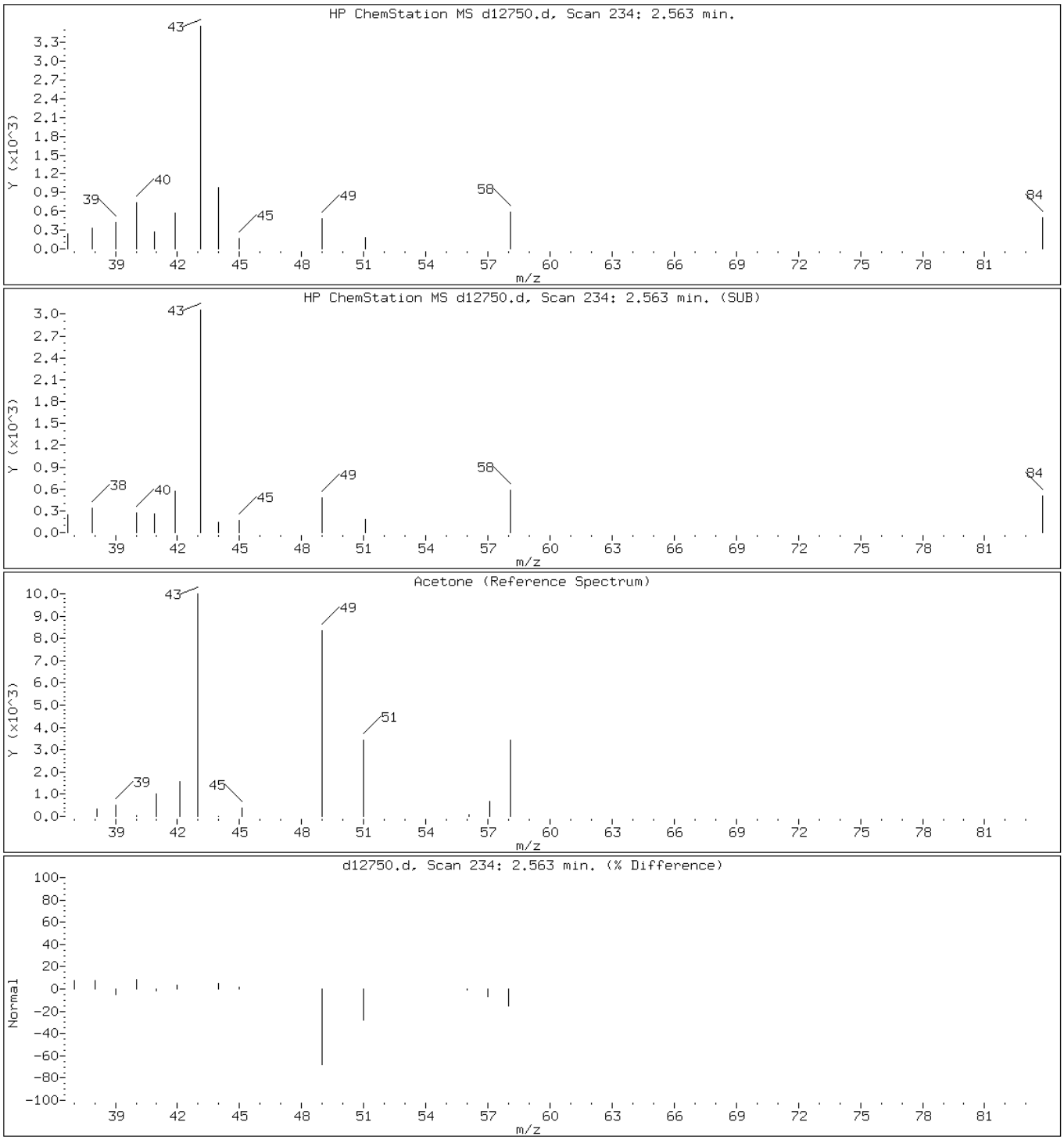
Data File: d12750.d

Date: 16-SEP-2011 00:41

Client ID: PMP-25-VD-S (3-5) Instrument: VOAMS4.i

Sample Info: 460-30837-D-19-A;;;5.88;5 Operator: VOAMS 9

7 Acetone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-25-WT-S (7.5-9.5) Lab Sample ID: 460-30837-20

Matrix: Solid Lab File ID: d12751.d

Analysis Method: 8260B Date Collected: 09/09/2011 09:45

Sample wt/vol: 10.19(g) Date Analyzed: 09/16/2011 01:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 12.2 Level: (low/med) Low

Analysis Batch No.: 86290 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.56	U	0.56	0.35
74-83-9	Bromomethane	0.56	U	0.56	0.23
75-01-4	Vinyl chloride	0.56	U	0.56	0.13
75-00-3	Chloroethane	0.56	U	0.56	0.22
75-09-2	Methylene Chloride	2.0	B	0.56	0.26
67-64-1	Acetone	12	B	5.6	2.1
75-15-0	Carbon disulfide	0.56	U	0.56	0.26
75-69-4	Trichlorofluoromethane	0.56	U	0.56	0.15
75-35-4	1,1-Dichloroethene	0.56	U	0.56	0.21
75-34-3	1,1-Dichloroethane	0.56	U	0.56	0.14
156-60-5	trans-1,2-Dichloroethene	0.56	U	0.56	0.16
156-59-2	cis-1,2-Dichloroethene	0.56	U	0.56	0.13
67-66-3	Chloroform	0.56	U	0.56	0.13
78-93-3	2-Butanone	5.6	U	5.6	0.32
107-06-2	1,2-Dichloroethane	0.56	U	0.56	0.22
71-55-6	1,1,1-Trichloroethane	0.56	U	0.56	0.10
56-23-5	Carbon tetrachloride	0.56	U	0.56	0.056
71-43-2	Benzene	0.56	U	0.56	0.41
75-25-2	Bromoform	0.56	U	0.56	0.39
100-42-5	Styrene	0.56	U	0.56	0.19
100-41-4	Ethylbenzene	0.56	U	0.56	0.11
108-90-7	Chlorobenzene	0.56	U	0.56	0.27
110-82-7	Cyclohexane	0.56	U *	0.56	0.12
98-82-8	Isopropylbenzene	0.56	U	0.56	0.14
591-78-6	2-Hexanone	5.6	U	5.6	0.94
1634-04-4	MTBE	0.56	U	0.56	0.19
76-13-1	Freon TF	0.56	U	0.56	0.27
79-20-9	Methyl acetate	0.56	U	0.56	0.50
123-91-1	1,4-Dioxane	28	U	28	2.3
79-01-6	Trichloroethene	0.56	U	0.56	0.20
108-88-3	Toluene	0.56	U	0.56	0.17
10061-02-6	trans-1,3-Dichloropropene	0.56	U	0.56	0.12
108-10-1	4-Methyl-2-pentanone	5.6	U	5.6	0.40
10061-01-5	cis-1,3-Dichloropropene	0.56	U	0.56	0.11
95-50-1	1,2-Dichlorobenzene	0.56	U	0.56	0.36
541-73-1	1,3-Dichlorobenzene	0.56	U	0.56	0.27

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-25-WT-S (7.5-9.5) Lab Sample ID: 460-30837-20

Matrix: Solid Lab File ID: d12751.d

Analysis Method: 8260B Date Collected: 09/09/2011 09:45

Sample wt/vol: 10.19(g) Date Analyzed: 09/16/2011 01:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 12.2 Level: (low/med) Low

Analysis Batch No.: 86290 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.56	U	0.56	0.40
120-82-1	1,2,4-Trichlorobenzene	0.56	U	0.56	0.30
87-61-6	1,2,3-Trichlorobenzene	0.56	U	0.56	0.36
78-87-5	1,2-Dichloropropane	0.56	U	0.56	0.18
108-87-2	Methylcyclohexane	0.56	U	0.56	0.15
127-18-4	Tetrachloroethene	0.56	U	0.56	0.18
1330-20-7	Xylenes, Total	1.7	U	1.7	0.44
96-12-8	1,2-Dibromo-3-Chloropropane	0.56	U	0.56	0.34
79-34-5	1,1,2,2-Tetrachloroethane	0.56	U	0.56	0.42
79-00-5	1,1,2-Trichloroethane	0.56	U	0.56	0.33
124-48-1	Dibromochloromethane	0.56	U	0.56	0.31
106-93-4	1,2-Dibromoethane	0.56	U	0.56	0.29
75-71-8	Dichlorodifluoromethane	0.56	U	0.56	0.23
74-97-5	Bromochloromethane	0.56	U	0.56	0.15
75-27-4	Bromodichloromethane	0.56	U	0.56	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		70-138
2037-26-5	Toluene-d8 (Surr)	103		66-126
460-00-4	Bromofluorobenzene	101		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-25-WT-S (7.5-9.5) Lab Sample ID: 460-30837-20

Matrix: Solid Lab File ID: d12751.d

Analysis Method: 8260B Date Collected: 09/09/2011 09:45

Sample wt/vol: 10.19(g) Date Analyzed: 09/16/2011 01:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 12.2 Level: (low/med) Low

Analysis Batch No.: 86290 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/8260L_10/09-03-11/15sep11a.b/d12751.d
Report Date: 16-Sep-2011 13:19

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/d12751.d
Lab Smp Id: 460-30837-D-20-A Client Smp ID: PMP-25-WT-S (7.5-9.
Inj Date : 16-SEP-2011 01:04
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-30837-D-20-A;;;10.19;5
Misc Info : 460-30837-D-20-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/8260L_10.m
Meth Date : 15-Sep-2011 18:45 ken Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.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	10.19000	Weight of sample extracted (g)
M	12.23022	% 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	2.569	2.574	(0.553)	22267	21.5149	12
6 Methylene Chloride	84	2.522	2.533	(0.543)	9650	3.65585	2.0
$ 16 1,2-Dichloroethane-d4 (SUR)	65	4.381	4.392	(0.943)	191640	55.5420	31
* 69 Fluorobenzene	96	4.645	4.656	(1.000)	362251	50.0000	
$ 37 Toluene-d8 (SUR)	98	6.369	6.380	(0.793)	374640	51.3240	29
* 32 Chlorobenzene-d5	117	8.027	8.038	(1.000)	249309	50.0000	
$ 41 Bromofluorobenzene (SUR)	174	9.110	9.115	(0.912)	143440	50.6028	28
* 91 1,4-Dichlorobenzene-d4	152	9.986	9.991	(1.000)	139919	50.0000	

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/d12751.d
Report Date: 16-Sep-2011 13:19

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/d12751.d
Lab Smp Id: 460-30837-D-20-A Client Smp ID: PMP-25-WT-S (7.5-9.
Inj Date : 16-SEP-2011 01:04
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-30837-D-20-A;;;10.19;5
Misc Info : 460-30837-D-20-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/8260L_10.m
Meth Date : 15-Sep-2011 18:45 ken Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.d
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

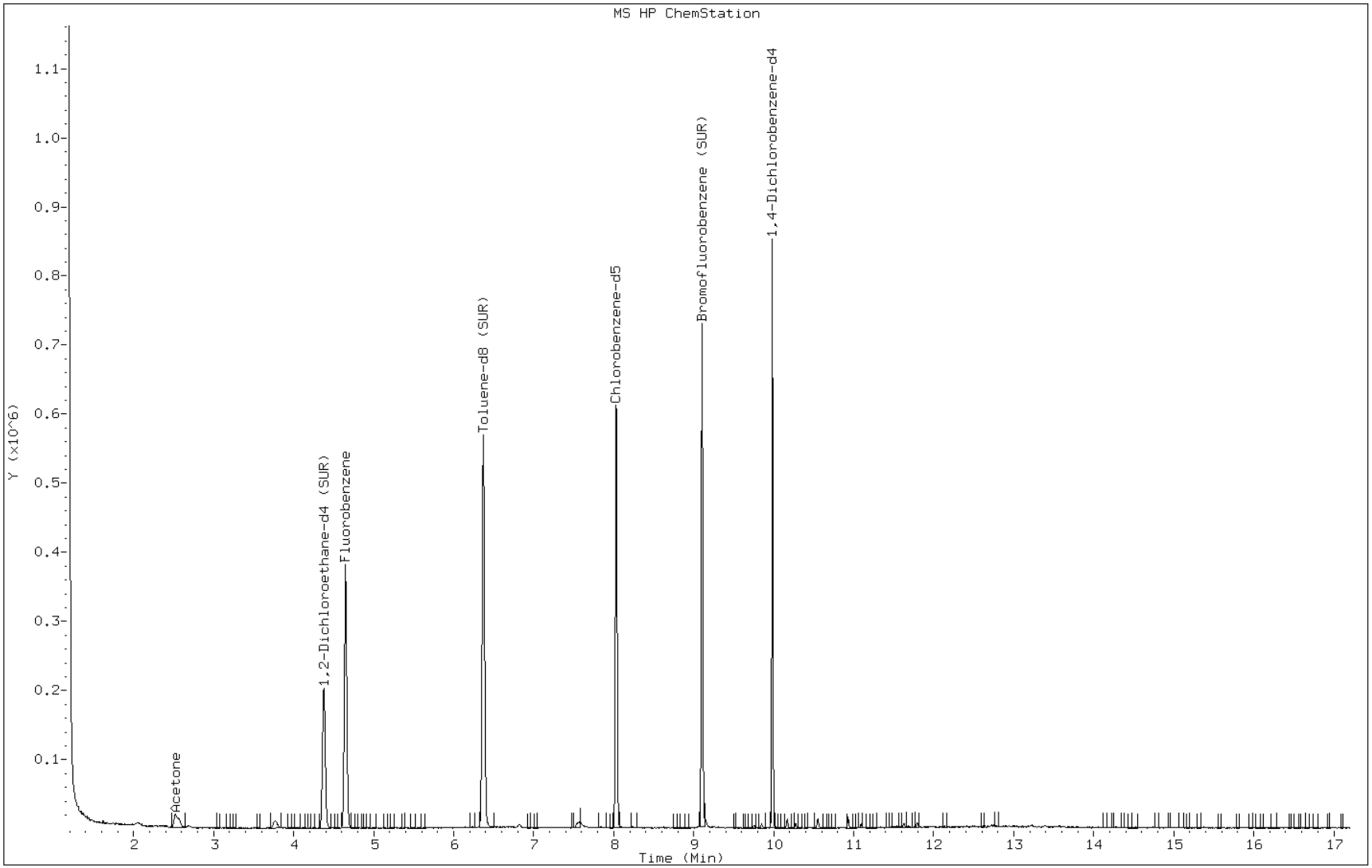
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: d12751.d

Date: 16-SEP-2011 01:04

Client ID: PMP-25-WT-S (7.5-9. Instrument: VOAMS4.i

Sample Info: 460-30837-D-20-A;;;10.19;5 Operator: VOAMS 9



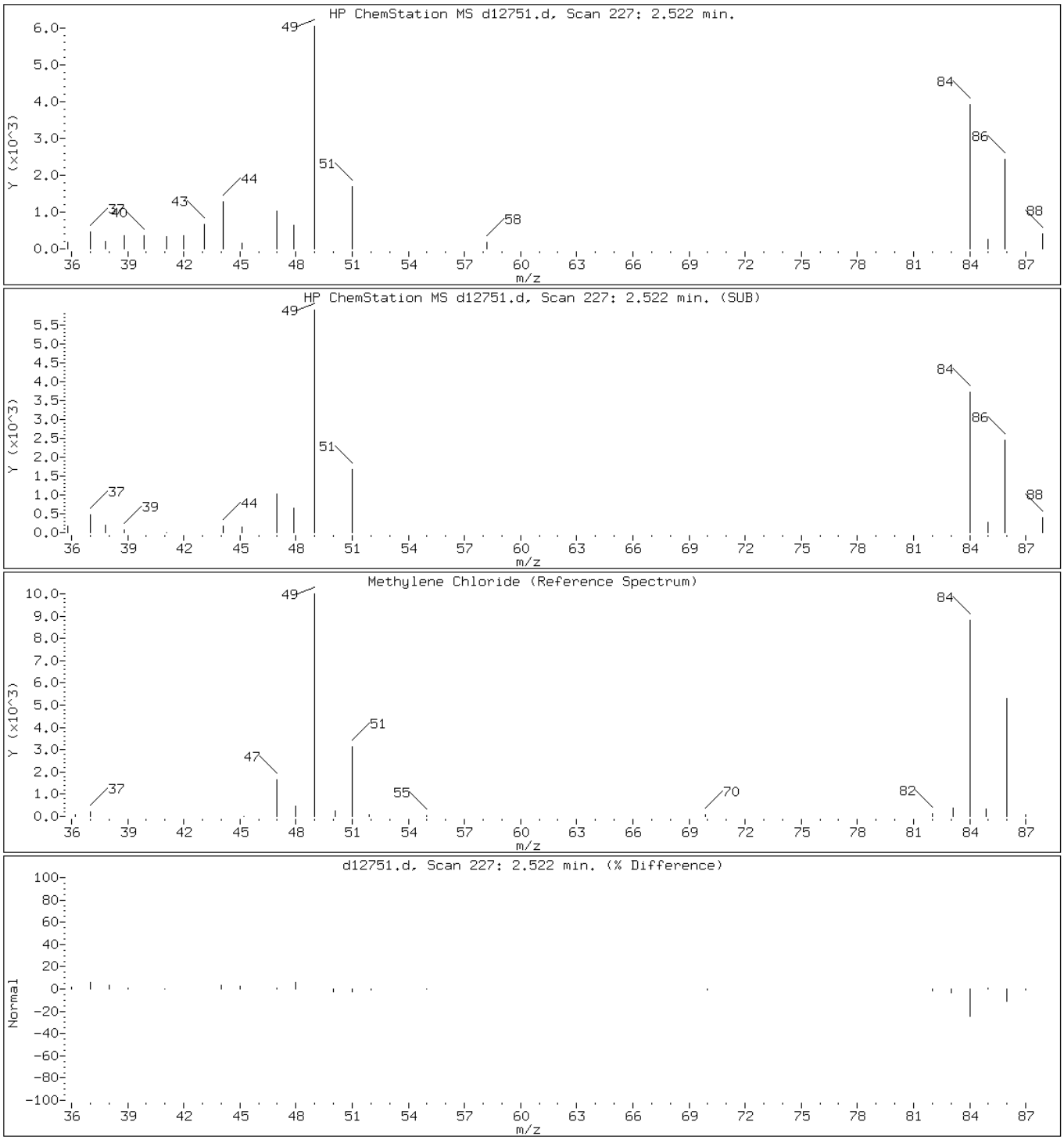
Data File: d12751.d

Date: 16-SEP-2011 01:04

Client ID: PMP-25-WT-S (7.5-9. Instrument: VOAMS4.i

Sample Info: 460-30837-D-20-A;;;10.19;5 Operator: VOAMS 9

6 Methylene Chloride



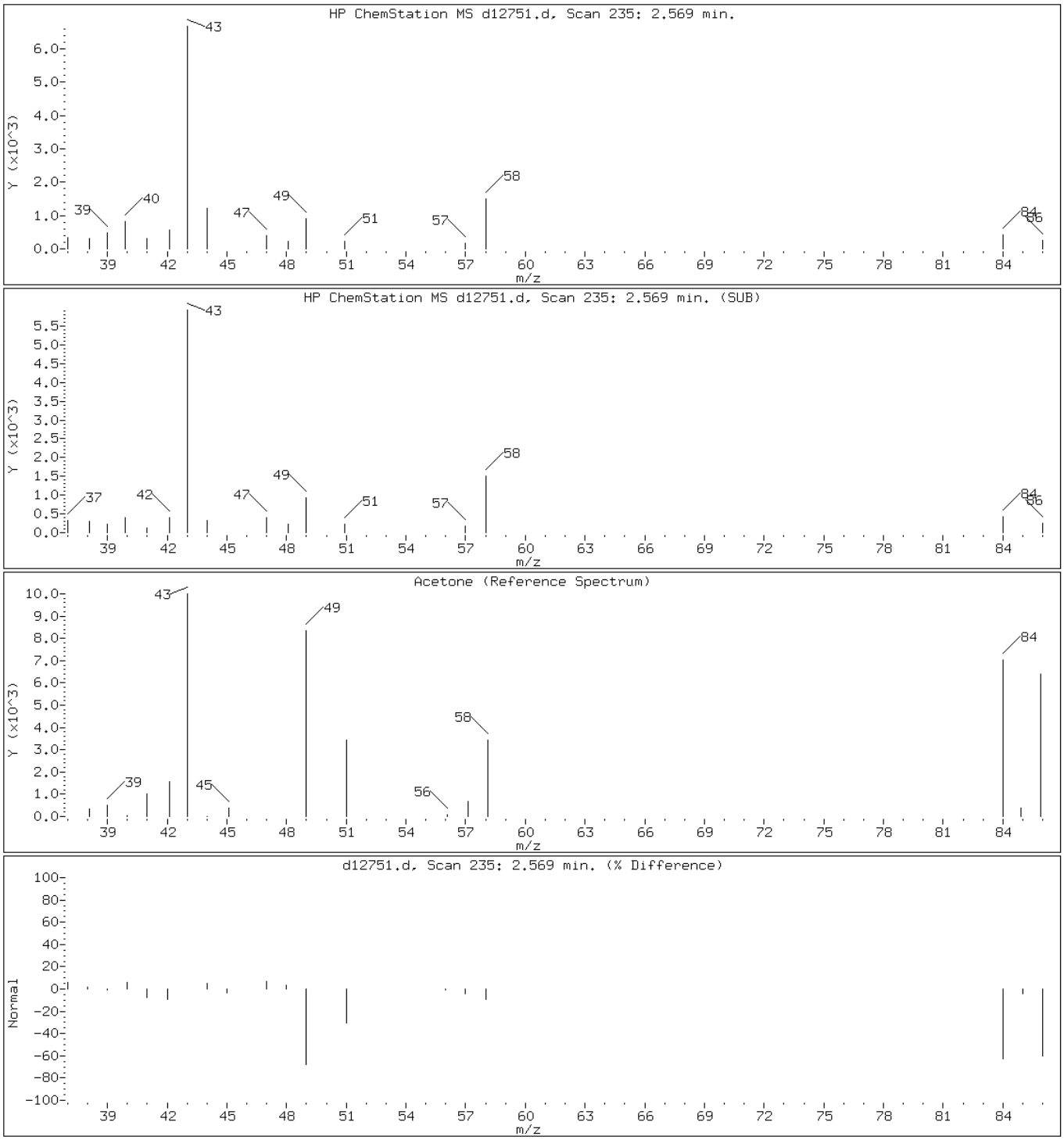
Data File: d12751.d

Date: 16-SEP-2011 01:04

Client ID: PMP-25-WT-S (7.5-9. Instrument: VOAMS4.i

Sample Info: 460-30837-D-20-A;;;10.19;5 Operator: VOAMS 9

7 Acetone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-14-VS-S (0.5-1.0) Lab Sample ID: 460-30837-21

Matrix: Solid Lab File ID: d12752.d

Analysis Method: 8260B Date Collected: 09/09/2011 10:00

Sample wt/vol: 3.88(g) Date Analyzed: 09/16/2011 01:28

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.0 Level: (low/med) Low

Analysis Batch No.: 86290 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.3	U	1.3	0.85
74-83-9	Bromomethane	1.3	U	1.3	0.55
75-01-4	Vinyl chloride	1.3	U	1.3	0.31
75-00-3	Chloroethane	1.3	U	1.3	0.54
75-09-2	Methylene Chloride	2.4	B	1.3	0.63
67-64-1	Acetone	22	B	13	5.0
75-15-0	Carbon disulfide	1.3	U	1.3	0.62
75-69-4	Trichlorofluoromethane	1.3	U	1.3	0.35
75-35-4	1,1-Dichloroethene	1.3	U	1.3	0.50
75-34-3	1,1-Dichloroethane	1.3	U	1.3	0.34
156-60-5	trans-1,2-Dichloroethene	1.3	U	1.3	0.38
156-59-2	cis-1,2-Dichloroethene	1.3	U	1.3	0.32
67-66-3	Chloroform	1.3	U	1.3	0.32
78-93-3	2-Butanone	13	U	13	0.76
107-06-2	1,2-Dichloroethane	1.3	U	1.3	0.52
71-55-6	1,1,1-Trichloroethane	1.3	U	1.3	0.25
56-23-5	Carbon tetrachloride	1.3	U	1.3	0.14
71-43-2	Benzene	1.3	U	1.3	0.99
75-25-2	Bromoform	1.3	U	1.3	0.94
100-42-5	Styrene	1.3	U	1.3	0.46
100-41-4	Ethylbenzene	1.5		1.3	0.26
108-90-7	Chlorobenzene	1.3	U	1.3	0.65
110-82-7	Cyclohexane	1.3	U *	1.3	0.30
98-82-8	Isopropylbenzene	1.3	U	1.3	0.35
591-78-6	2-Hexanone	13	U	13	2.2
1634-04-4	MTBE	1.3	U	1.3	0.46
76-13-1	Freon TF	1.3	U	1.3	0.64
79-20-9	Methyl acetate	1.3	U	1.3	1.2
123-91-1	1,4-Dioxane	67	U	67	5.6
79-01-6	Trichloroethene	1.3	U	1.3	0.49
108-88-3	Toluene	1.1	J	1.3	0.40
10061-02-6	trans-1,3-Dichloropropene	1.3	U	1.3	0.30
108-10-1	4-Methyl-2-pentanone	13	U	13	0.96
10061-01-5	cis-1,3-Dichloropropene	1.3	U	1.3	0.27
95-50-1	1,2-Dichlorobenzene	1.3	U	1.3	0.85
541-73-1	1,3-Dichlorobenzene	1.3	U	1.3	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-14-VS-S (0.5-1.0) | Lab Sample ID: 460-30837-21

Matrix: Solid | Lab File ID: d12752.d

Analysis Method: 8260B | Date Collected: 09/09/2011 10:00

Sample wt/vol: 3.88(g) | Date Analyzed: 09/16/2011 01:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.0 | Level: (low/med) Low

Analysis Batch No.: 86290 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1.3	U	1.3	0.95
120-82-1	1,2,4-Trichlorobenzene	1.3	U	1.3	0.72
87-61-6	1,2,3-Trichlorobenzene	1.3	U	1.3	0.87
78-87-5	1,2-Dichloropropane	1.3	U	1.3	0.43
108-87-2	Methylcyclohexane	1.3	U	1.3	0.37
127-18-4	Tetrachloroethene	1.3	U	1.3	0.44
1330-20-7	Xylenes, Total	4.5		4.0	1.1
96-12-8	1,2-Dibromo-3-Chloropropane	1.3	U	1.3	0.82
79-34-5	1,1,2,2-Tetrachloroethane	1.3	U	1.3	1.0
79-00-5	1,1,2-Trichloroethane	1.3	U	1.3	0.80
124-48-1	Dibromochloromethane	1.3	U	1.3	0.75
106-93-4	1,2-Dibromoethane	1.3	U	1.3	0.70
75-71-8	Dichlorodifluoromethane	1.3	U	1.3	0.55
74-97-5	Bromochloromethane	1.3	U	1.3	0.36
75-27-4	Bromodichloromethane	1.3	U	1.3	0.41

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-138
2037-26-5	Toluene-d8 (Surr)	97		66-126
460-00-4	Bromofluorobenzene	97		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-14-VS-S (0.5-1.0) Lab Sample ID: 460-30837-21

Matrix: Solid Lab File ID: d12752.d

Analysis Method: 8260B Date Collected: 09/09/2011 10:00

Sample wt/vol: 3.88(g) Date Analyzed: 09/16/2011 01:28

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.0 Level: (low/med) Low

Analysis Batch No.: 86290 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/8260L_10/09-03-11/15sep11a.b/d12752.d
Report Date: 16-Sep-2011 13:20

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/d12752.d
Lab Smp Id: 460-30837-D-21-A Client Smp ID: PMP-14-VS-S (0.5-1.
Inj Date : 16-SEP-2011 01:28
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-30837-D-21-A;;;3.88;5
Misc Info : 460-30837-D-21-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/8260L_10.m
Meth Date : 15-Sep-2011 18:45 ken Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.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	3.88000	Weight of sample extracted (g)
M	3.98551	% 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	2.575	2.574	(0.554)	18667	16.3734	22
	6 Methylene Chloride	84	2.522	2.533	(0.542)	5236	1.80072	2.4
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.381	4.392	(0.942)	199001	52.3572	70
*	69 Fluorobenzene	96	4.651	4.656	(1.000)	399047	50.0000	
$	37 Toluene-d8 (SUR)	98	6.369	6.380	(0.793)	381801	48.6243	65
	38 Toluene	91	6.428	6.438	(0.801)	8622	0.83423	1.1(a)
*	32 Chlorobenzene-d5	117	8.028	8.038	(1.000)	268181	50.0000	
	40 Ethylbenzene	106	8.098	8.103	(1.009)	3913	1.12904	1.5
	43 m+p-Xylene	106	8.239	8.244	(1.026)	11879	2.71921	3.6
	44 o-Xylene	106	8.610	8.615	(1.073)	2916	0.64916	0.87(a)
$	41 Bromofluorobenzene (SUR)	174	9.104	9.115	(0.912)	142427	48.3188	65
*	91 1,4-Dichlorobenzene-d4	152	9.980	9.991	(1.000)	145498	50.0000	
M	45 Xylene (Total)	100				14795	3.35511	4.5

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/d12752.d
Report Date: 16-Sep-2011 13:20

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/d12752.d
Report Date: 16-Sep-2011 13:20

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/d12752.d
Lab Smp Id: 460-30837-D-21-A Client Smp ID: PMP-14-VS-S (0.5-1.
Inj Date : 16-SEP-2011 01:28
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-30837-D-21-A;;;3.88;5
Misc Info : 460-30837-D-21-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/8260L_10.m
Meth Date : 15-Sep-2011 18:45 ken Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.d
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

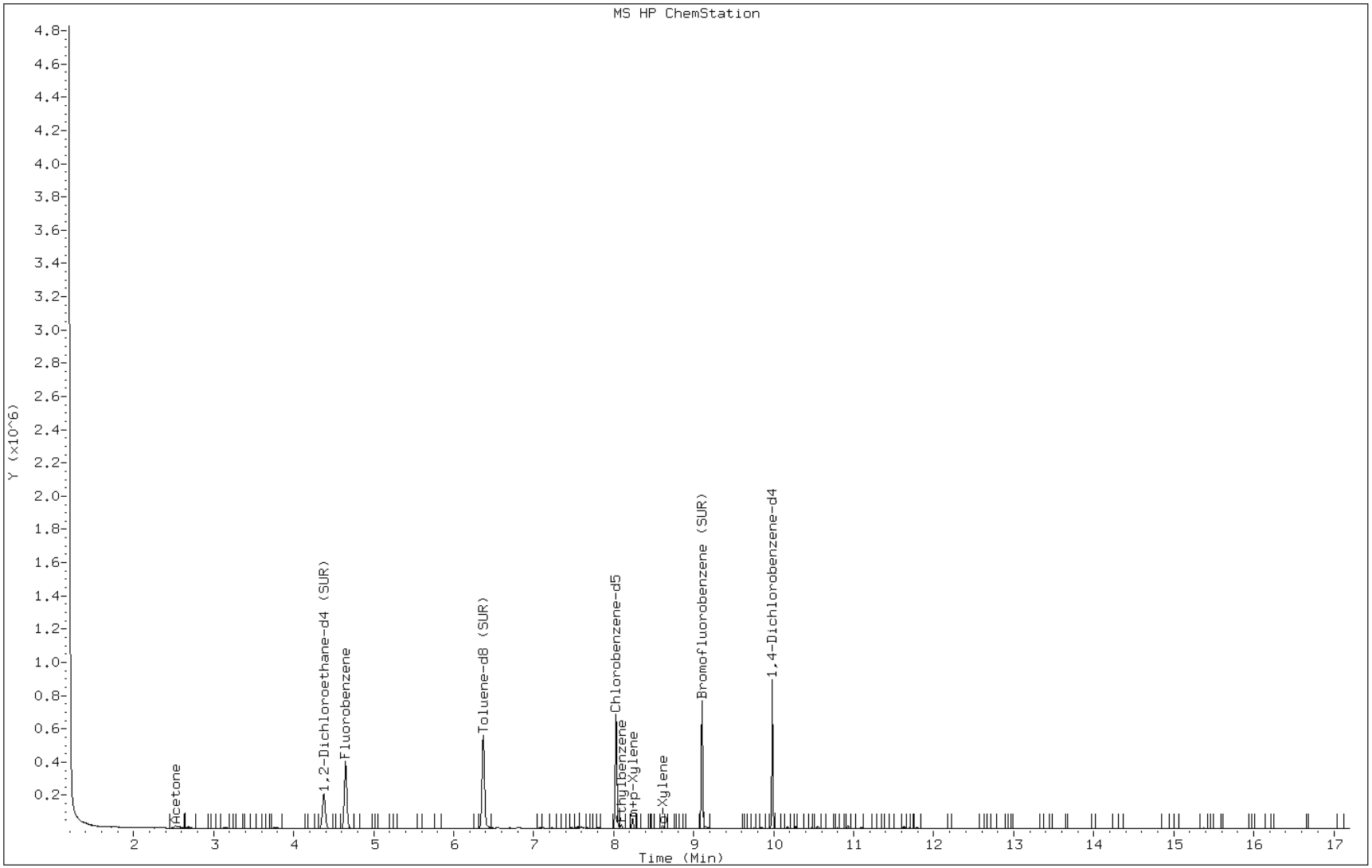
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: d12752.d

Date: 16-SEP-2011 01:28

Client ID: PMP-14-VS-S (0.5-1. Instrument: VOAMS4.i

Sample Info: 460-30837-D-21-A;;;3.88;5 Operator: VOAMS 9



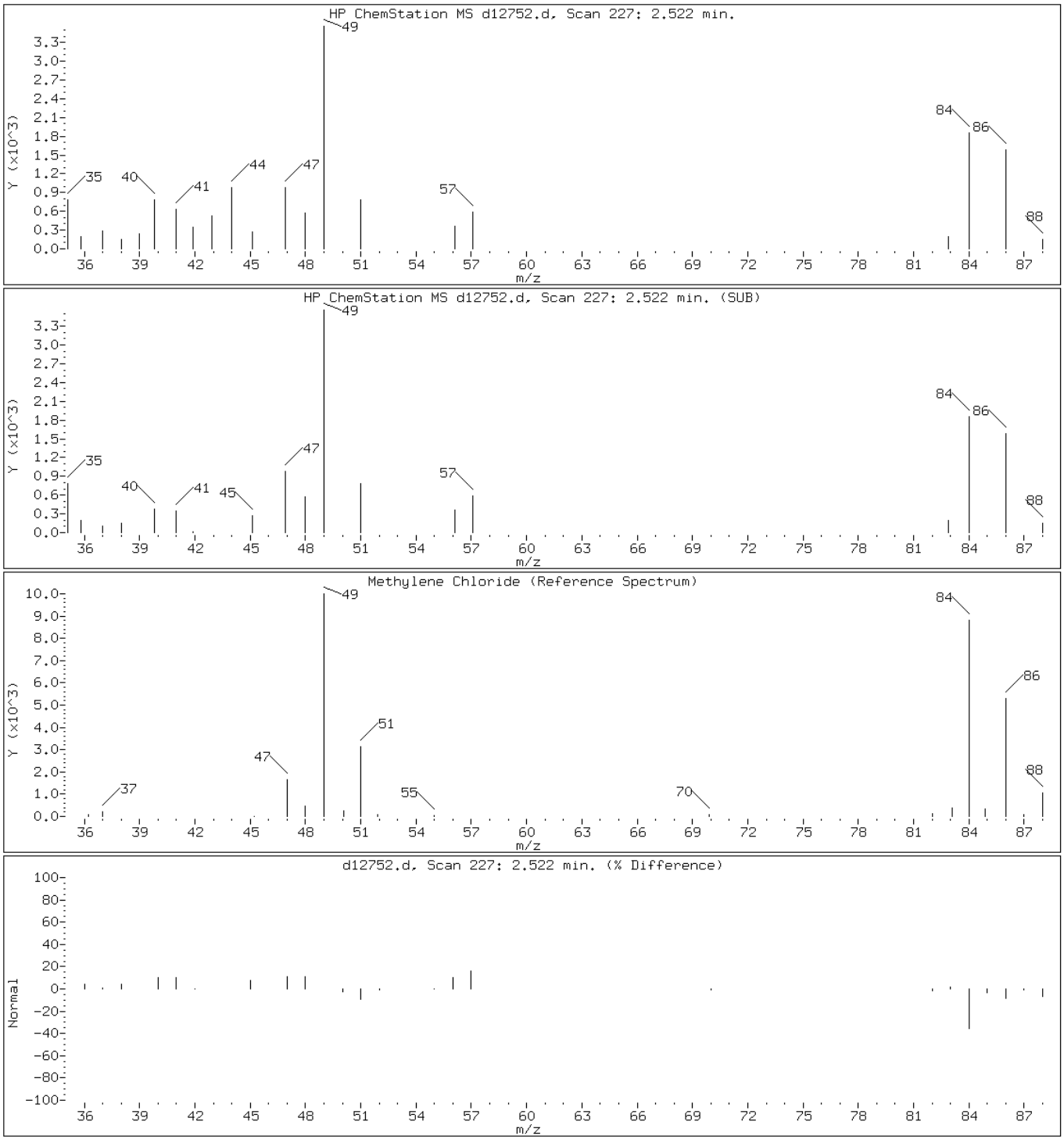
Data File: d12752.d

Date: 16-SEP-2011 01:28

Client ID: PMP-14-VS-S (0.5-1. Instrument: VOAMS4.i

Sample Info: 460-30837-D-21-A;;;3.88;5 Operator: VOAMS 9

6 Methylene Chloride



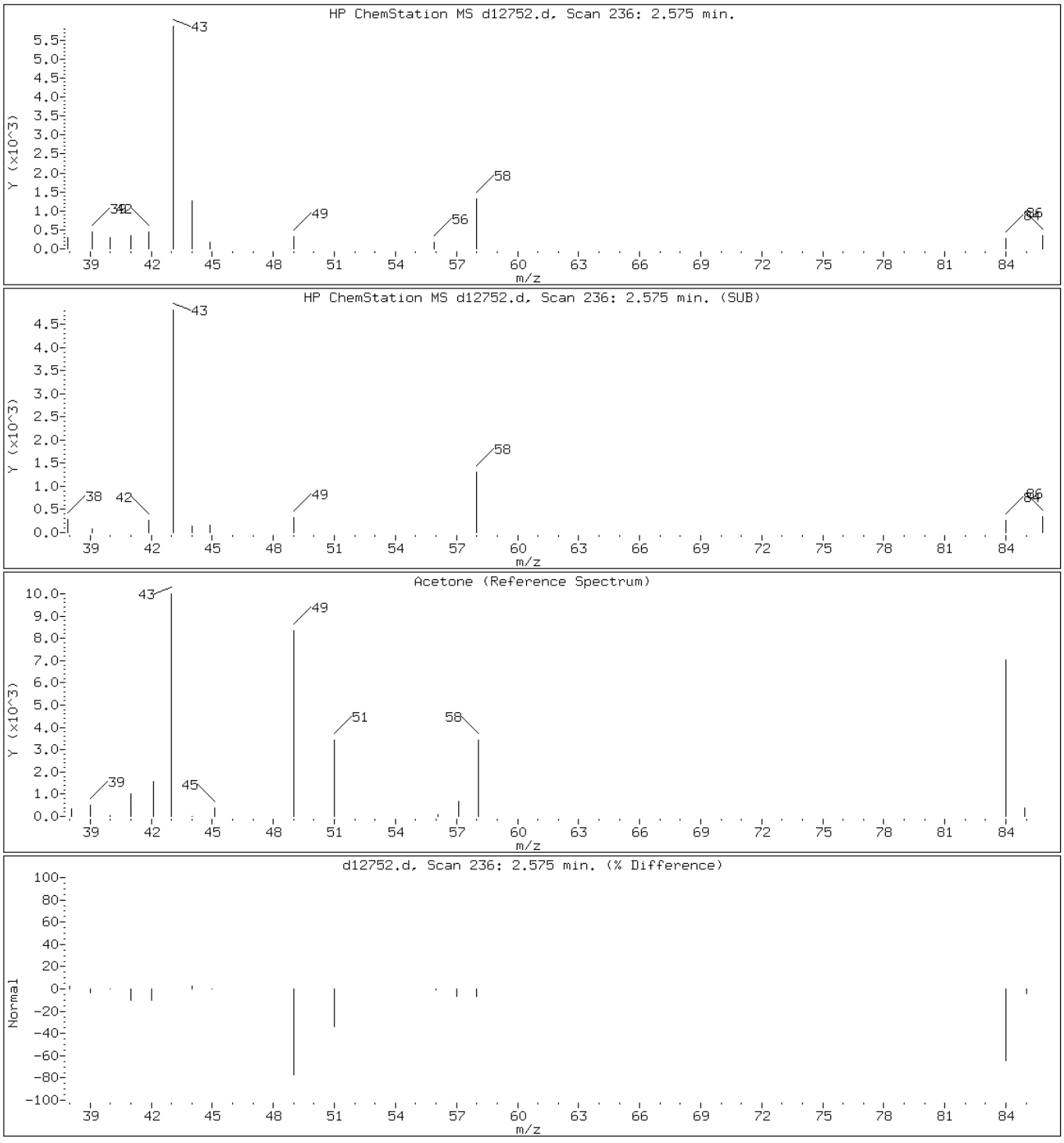
Data File: d12752.d

Date: 16-SEP-2011 01:28

Client ID: PMP-14-VS-S (0.5-1. Instrument: VOAMS4.i

Sample Info: 460-30837-D-21-A;;;3.88;5 Operator: VOAMS 9

7 Acetone



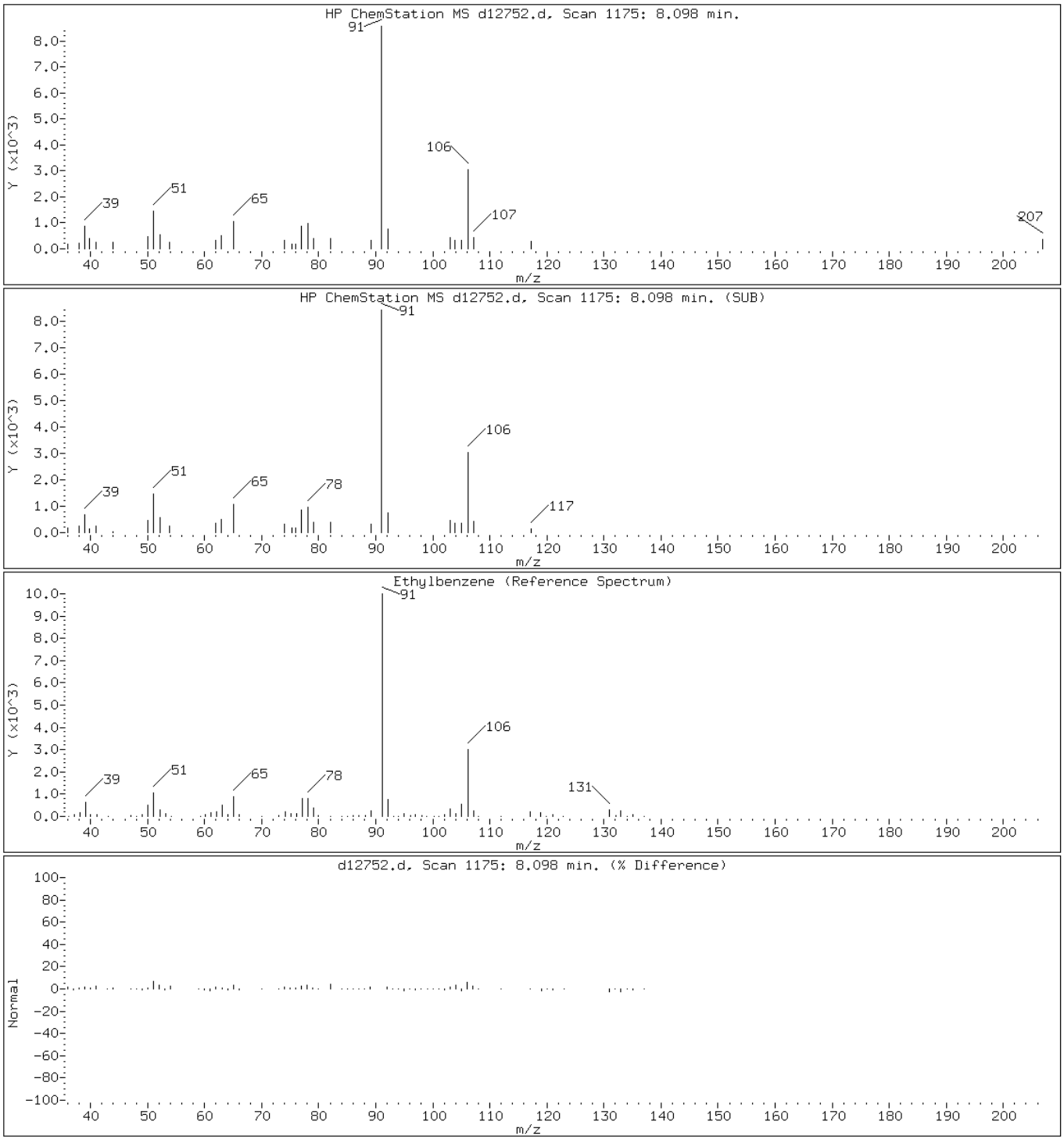
Data File: d12752.d

Date: 16-SEP-2011 01:28

Client ID: PMP-14-VS-S (0.5-1. Instrument: VOAMS4.i

Sample Info: 460-30837-D-21-A;;;3.88;5 Operator: VOAMS 9

40 Ethylbenzene



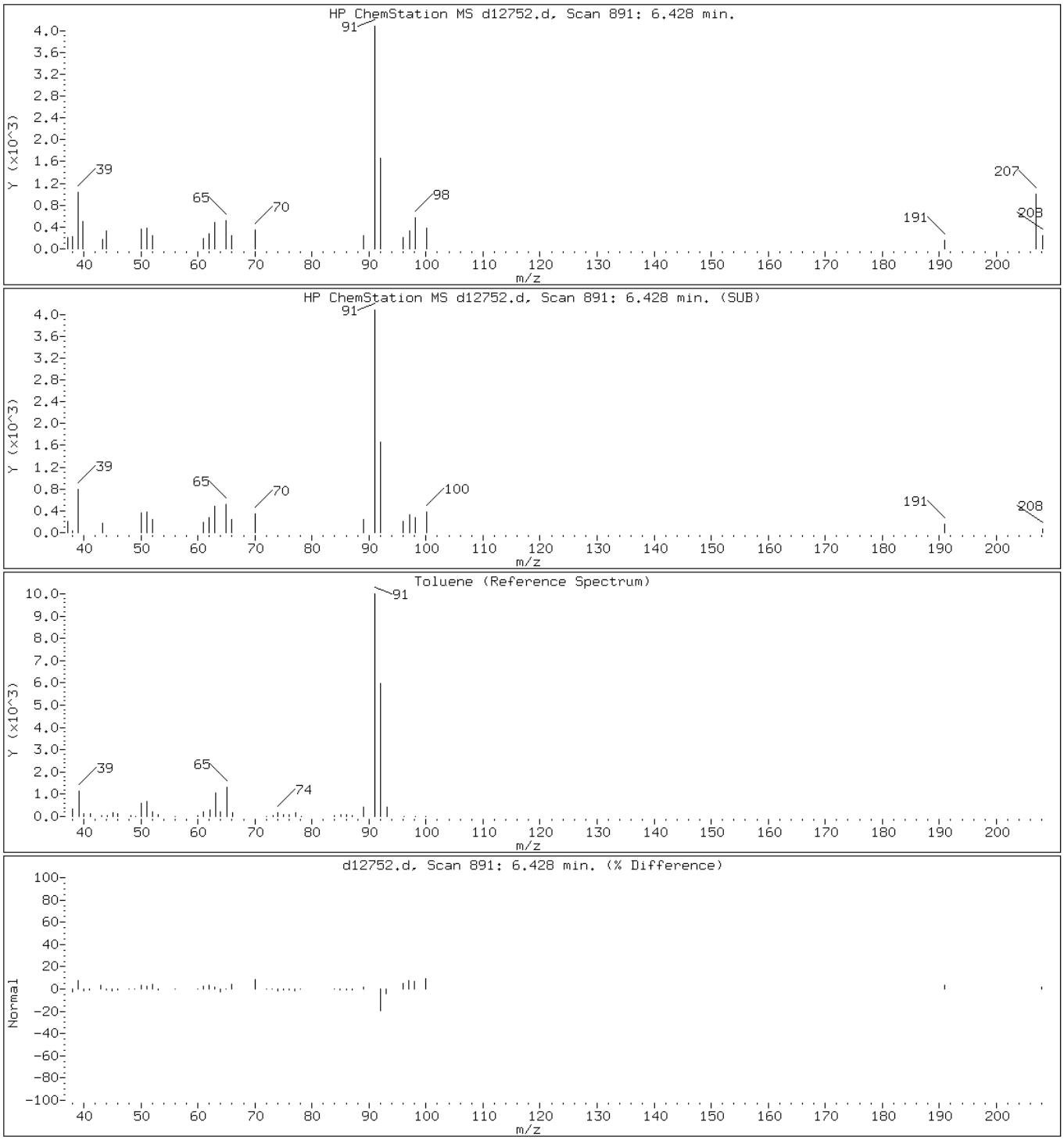
Data File: d12752.d

Date: 16-SEP-2011 01:28

Client ID: PMP-14-VS-S (0.5-1. Instrument: VOAMS4.i

Sample Info: 460-30837-D-21-A;;;3.88;5 Operator: VOAMS 9

38 Toluene



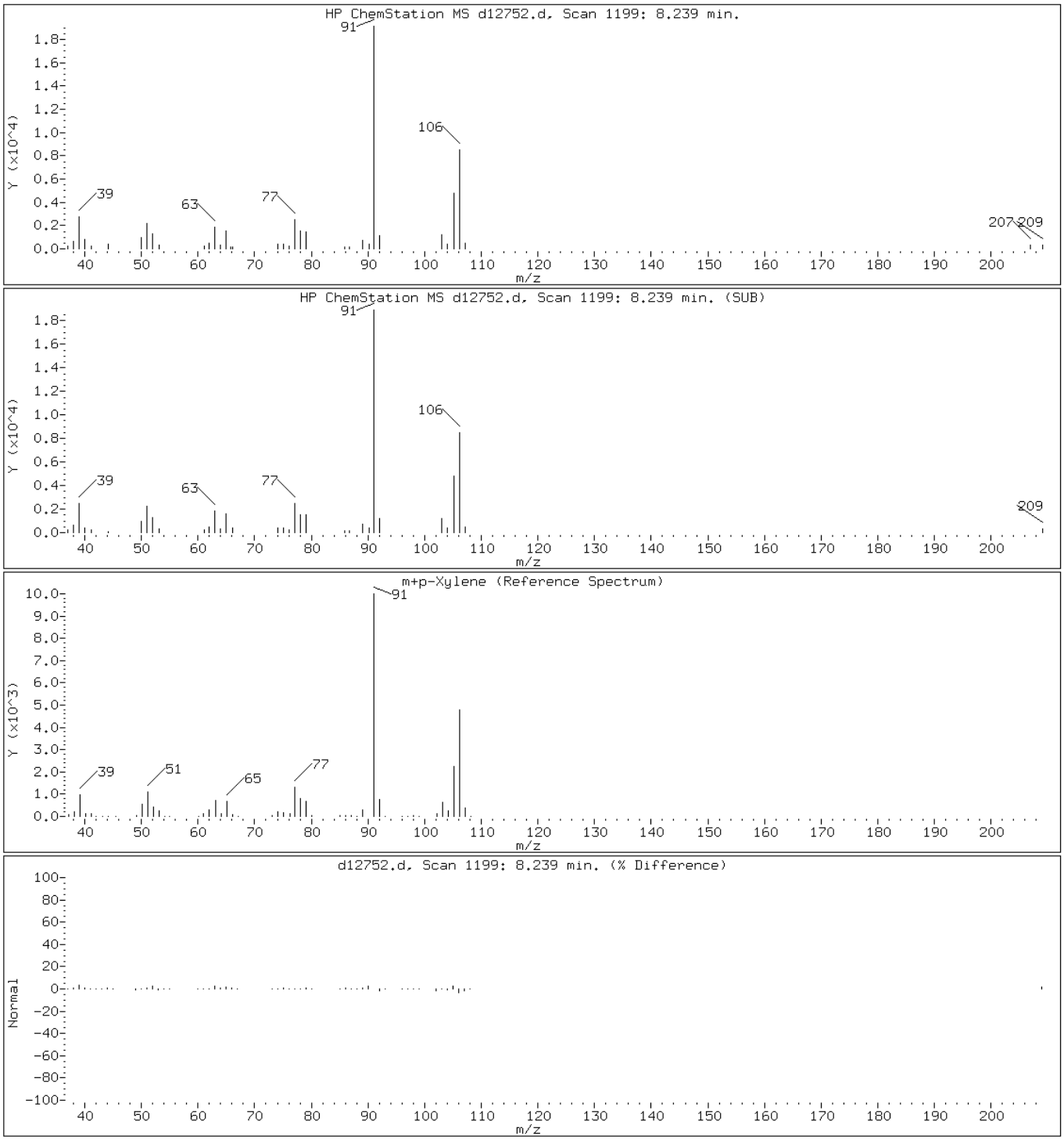
Data File: d12752.d

Date: 16-SEP-2011 01:28

Client ID: PMP-14-VS-S (0.5-1. Instrument: VOAMS4.i

Sample Info: 460-30837-D-21-A;;;3.88;5 Operator: VOAMS 9

43 m+p-Xylene



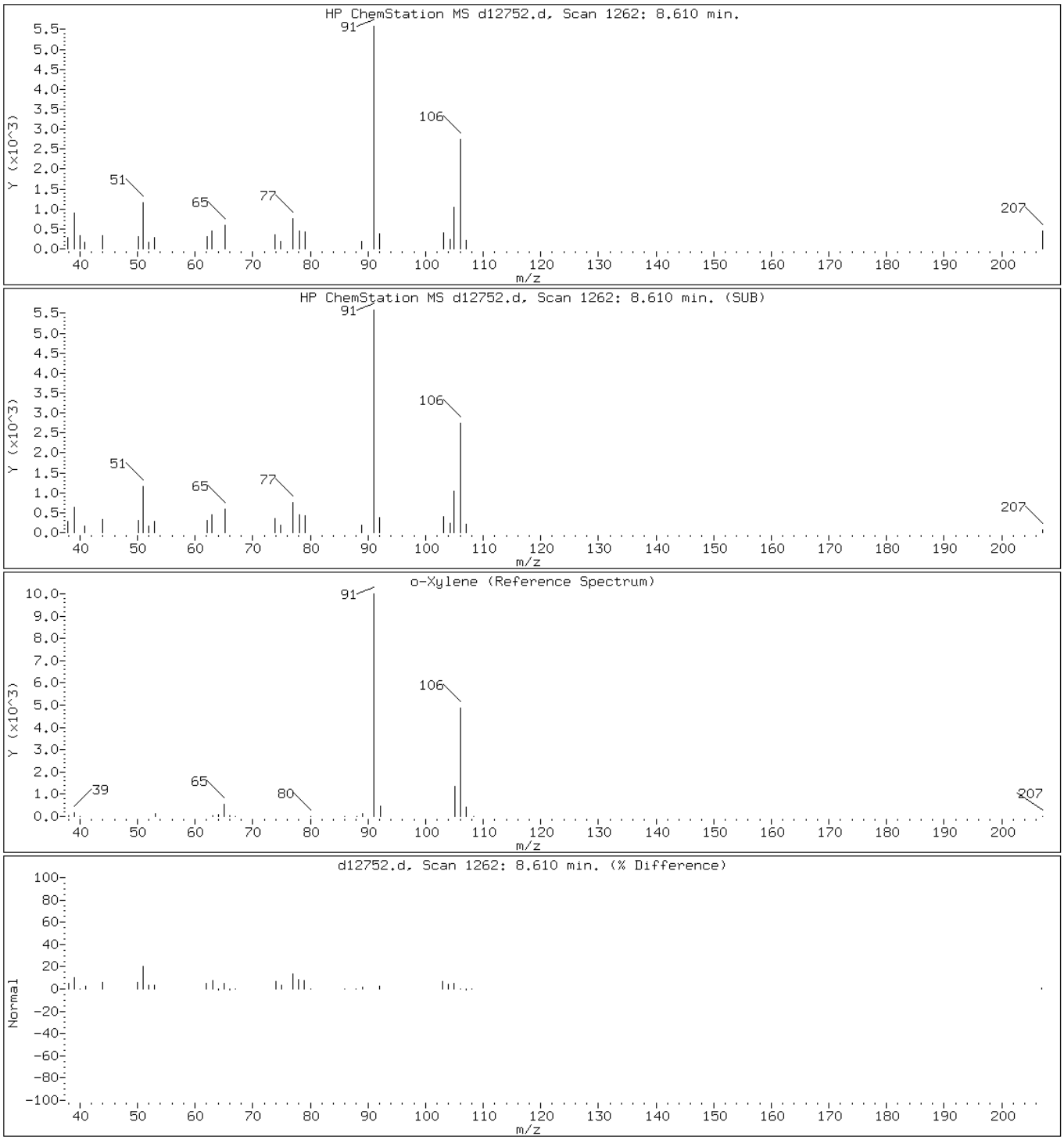
Data File: d12752.d

Date: 16-SEP-2011 01:28

Client ID: PMP-14-VS-S (0.5-1. Instrument: VOAMS4.i

Sample Info: 460-30837-D-21-A;;;3.88;5 Operator: VOAMS 9

44 o-Xylene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-14-VD-S (2.5-3.0) Lab Sample ID: 460-30837-22

Matrix: Solid Lab File ID: d12753.d

Analysis Method: 8260B Date Collected: 09/09/2011 10:05

Sample wt/vol: 5.43(g) Date Analyzed: 09/16/2011 01:52

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 3.6 Level: (low/med) Low

Analysis Batch No.: 86290 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.96	U	0.96	0.61
74-83-9	Bromomethane	0.96	U	0.96	0.39
75-01-4	Vinyl chloride	0.96	U	0.96	0.22
75-00-3	Chloroethane	0.96	U	0.96	0.38
75-09-2	Methylene Chloride	2.7	B	0.96	0.45
67-64-1	Acetone	6.8	J B	9.6	3.5
75-15-0	Carbon disulfide	0.96	U	0.96	0.44
75-69-4	Trichlorofluoromethane	0.96	U	0.96	0.25
75-35-4	1,1-Dichloroethene	0.96	U	0.96	0.35
75-34-3	1,1-Dichloroethane	0.96	U	0.96	0.24
156-60-5	trans-1,2-Dichloroethene	0.96	U	0.96	0.27
156-59-2	cis-1,2-Dichloroethene	0.96	U	0.96	0.23
67-66-3	Chloroform	0.96	U	0.96	0.23
78-93-3	2-Butanone	9.6	U	9.6	0.54
107-06-2	1,2-Dichloroethane	0.96	U	0.96	0.37
71-55-6	1,1,1-Trichloroethane	0.96	U	0.96	0.18
56-23-5	Carbon tetrachloride	0.96	U	0.96	0.096
71-43-2	Benzene	0.96	U	0.96	0.71
75-25-2	Bromoform	0.96	U	0.96	0.67
100-42-5	Styrene	0.96	U	0.96	0.33
100-41-4	Ethylbenzene	0.96	U	0.96	0.18
108-90-7	Chlorobenzene	0.96	U	0.96	0.46
110-82-7	Cyclohexane	0.96	U *	0.96	0.21
98-82-8	Isopropylbenzene	0.96	U	0.96	0.25
591-78-6	2-Hexanone	9.6	U	9.6	1.6
1634-04-4	MTBE	0.96	U	0.96	0.33
76-13-1	Freon TF	0.96	U	0.96	0.45
79-20-9	Methyl acetate	0.96	U	0.96	0.85
123-91-1	1,4-Dioxane	48	U	48	4.0
79-01-6	Trichloroethene	0.96	U	0.96	0.35
108-88-3	Toluene	0.96	U	0.96	0.29
10061-02-6	trans-1,3-Dichloropropene	0.96	U	0.96	0.21
108-10-1	4-Methyl-2-pentanone	9.6	U	9.6	0.68
10061-01-5	cis-1,3-Dichloropropene	0.96	U	0.96	0.19
95-50-1	1,2-Dichlorobenzene	0.96	U	0.96	0.61
541-73-1	1,3-Dichlorobenzene	0.96	U	0.96	0.46

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-14-VD-S (2.5-3.0) | Lab Sample ID: 460-30837-22

Matrix: Solid | Lab File ID: d12753.d

Analysis Method: 8260B | Date Collected: 09/09/2011 10:05

Sample wt/vol: 5.43(g) | Date Analyzed: 09/16/2011 01:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 3.6 | Level: (low/med) Low

Analysis Batch No.: 86290 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.96	U	0.96	0.68
120-82-1	1,2,4-Trichlorobenzene	0.96	U	0.96	0.51
87-61-6	1,2,3-Trichlorobenzene	0.96	U	0.96	0.62
78-87-5	1,2-Dichloropropane	0.96	U	0.96	0.30
108-87-2	Methylcyclohexane	0.96	U	0.96	0.26
127-18-4	Tetrachloroethene	0.96	U	0.96	0.32
1330-20-7	Xylenes, Total	2.9	U	2.9	0.75
96-12-8	1,2-Dibromo-3-Chloropropane	0.96	U	0.96	0.58
79-34-5	1,1,2,2-Tetrachloroethane	0.96	U	0.96	0.73
79-00-5	1,1,2-Trichloroethane	0.96	U	0.96	0.57
124-48-1	Dibromochloromethane	0.96	U	0.96	0.53
106-93-4	1,2-Dibromoethane	0.96	U	0.96	0.49
75-71-8	Dichlorodifluoromethane	0.96	U	0.96	0.39
74-97-5	Bromochloromethane	0.96	U	0.96	0.26
75-27-4	Bromodichloromethane	0.96	U	0.96	0.29

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		70-138
2037-26-5	Toluene-d8 (Surr)	95		66-126
460-00-4	Bromofluorobenzene	93		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-14-VD-S (2.5-3.0) Lab Sample ID: 460-30837-22

Matrix: Solid Lab File ID: d12753.d

Analysis Method: 8260B Date Collected: 09/09/2011 10:05

Sample wt/vol: 5.43(g) Date Analyzed: 09/16/2011 01:52

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 3.6 Level: (low/med) Low

Analysis Batch No.: 86290 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/8260L_10/09-03-11/15sep11a.b/d12753.d
Report Date: 16-Sep-2011 13:29

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/d12753.d
Lab Smp Id: 460-30837-D-22-A Client Smp ID: PMP-14-VD-S (2.5-3.
Inj Date : 16-SEP-2011 01:52
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-30837-D-22-A;;;5.43;5
Misc Info : 460-30837-D-22-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/8260L_10.m
Meth Date : 15-Sep-2011 18:45 ken Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.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	5.43000	Weight of sample extracted (g)
M	3.59168	% 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	2.569	2.574	(0.552)	7745	7.15822	6.8(aH)
6 Methylene Chloride	84	2.522	2.533	(0.542)	7703	2.79143	2.7
$ 16 1,2-Dichloroethane-d4 (SUR)	65	4.381	4.392	(0.942)	196582	54.4985	52
* 69 Fluorobenzene	96	4.651	4.656	(1.000)	378708	50.0000	
$ 37 Toluene-d8 (SUR)	98	6.369	6.380	(0.793)	363705	47.4582	45
* 32 Chlorobenzene-d5	117	8.028	8.038	(1.000)	261747	50.0000	
$ 41 Bromofluorobenzene (SUR)	174	9.104	9.115	(0.912)	136544	46.2597	44
* 91 1,4-Dichlorobenzene-d4	152	9.980	9.991	(1.000)	145697	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: /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/d12753.d
Report Date: 16-Sep-2011 13:29

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/d12753.d
Lab Smp Id: 460-30837-D-22-A Client Smp ID: PMP-14-VD-S (2.5-3.
Inj Date : 16-SEP-2011 01:52
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-30837-D-22-A;;;5.43;5
Misc Info : 460-30837-D-22-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/8260L_10.m
Meth Date : 15-Sep-2011 18:45 ken Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.d
Als bottle: 18
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

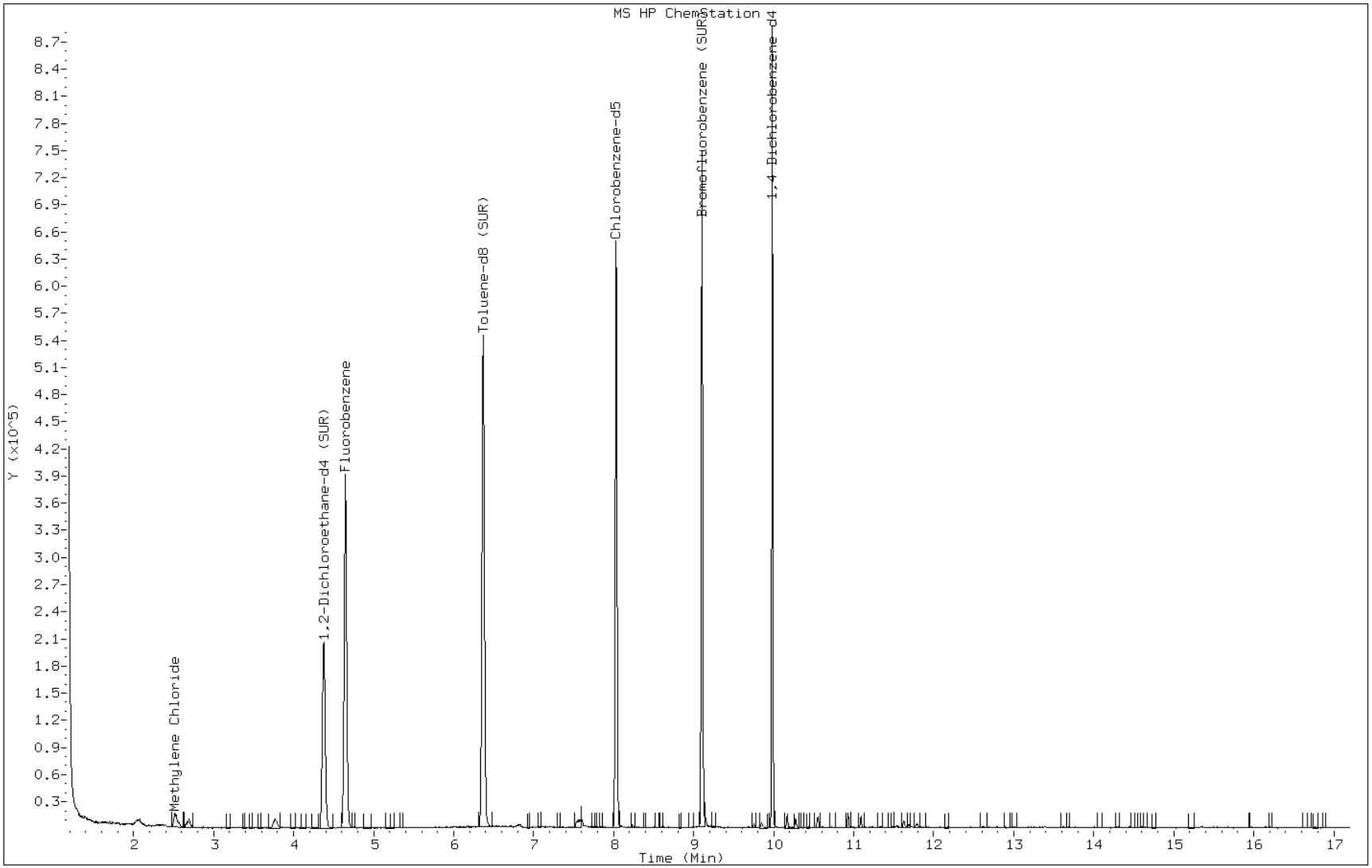
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: d12753.d

Date: 16-SEP-2011 01:52

Client ID: PMP-14-VD-S (2.5-3. Instrument: VOAMS4.i

Sample Info: 460-30837-D-22-A;;;5.43;5 Operator: VOAMS 9



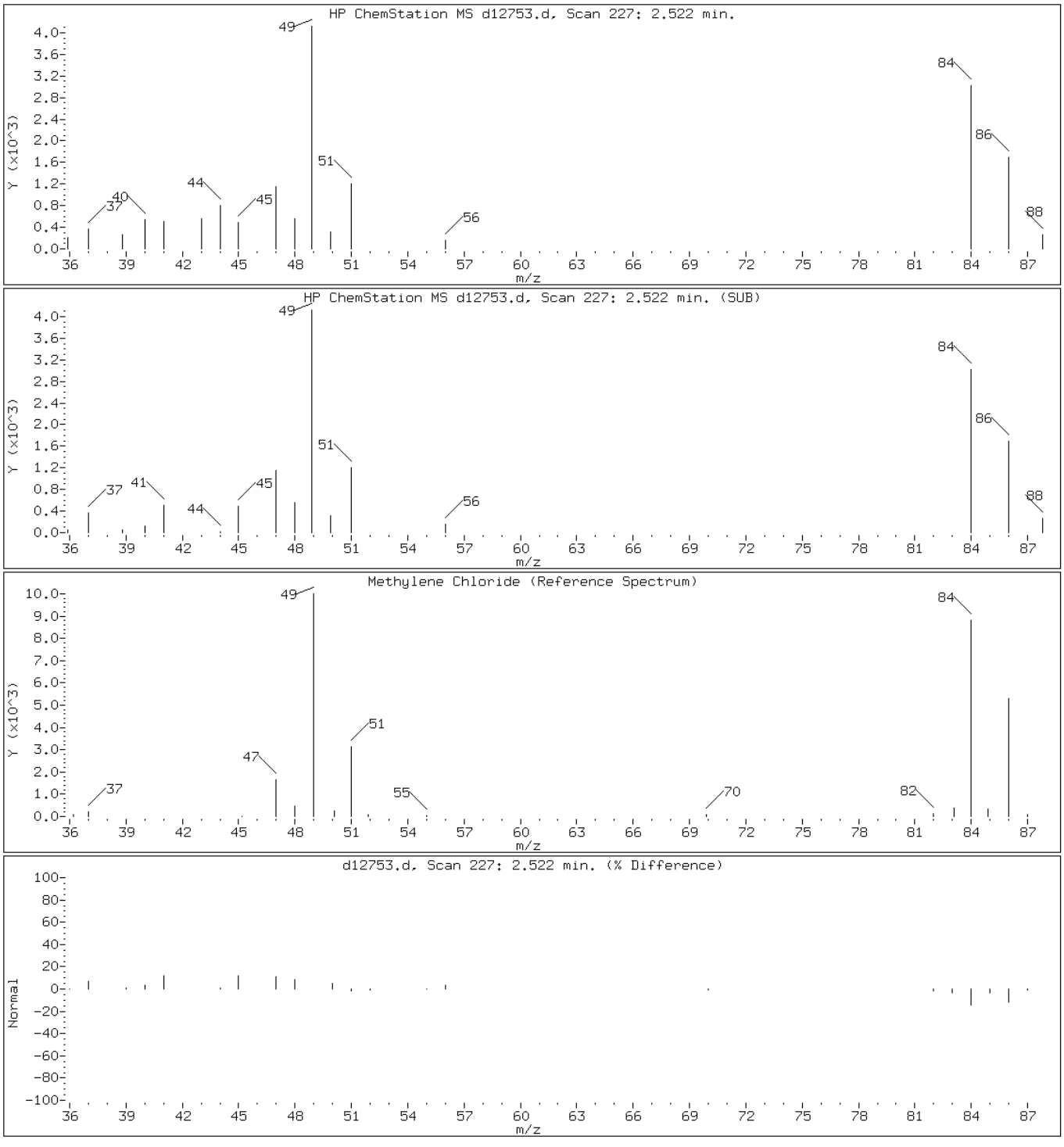
Data File: d12753.d

Date: 16-SEP-2011 01:52

Client ID: PMP-14-VD-S (2.5-3. Instrument: VOAMS4.i

Sample Info: 460-30837-D-22-A;;;5.43;5 Operator: VOAMS 9

6 Methylene Chloride



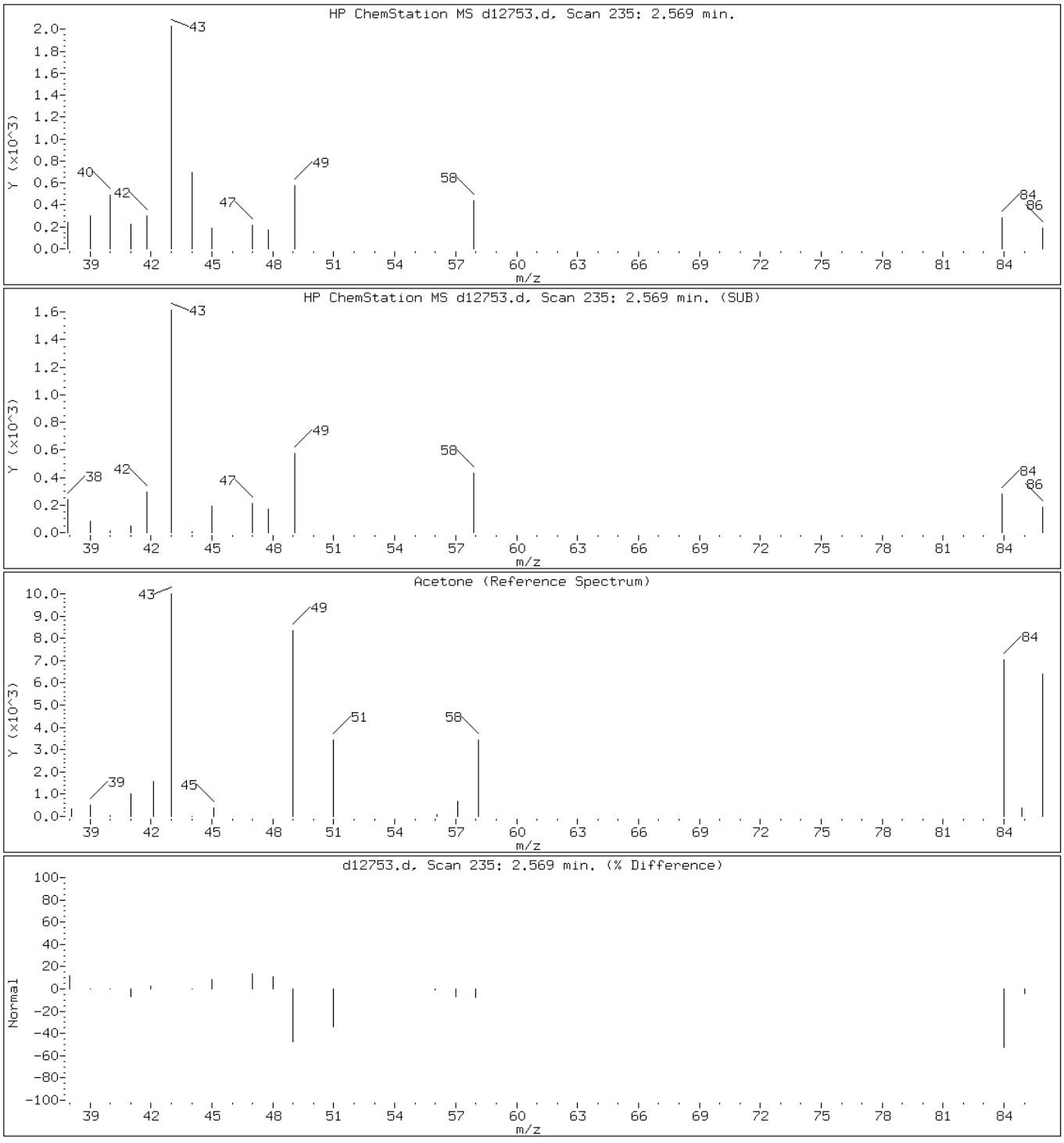
Data File: d12753.d

Date: 16-SEP-2011 01:52

Client ID: PMP-14-VD-S (2.5-3. Instrument: VOAMS4.i

Sample Info: 460-30837-D-22-A;;;5.43;5 Operator: VOAMS 9

7 Acetone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-14-WT-S (7.0-7.5) | Lab Sample ID: 460-30837-23

Matrix: Solid | Lab File ID: d12754.d

Analysis Method: 8260B | Date Collected: 09/09/2011 10:10

Sample wt/vol: 5.94(g) | Date Analyzed: 09/16/2011 02:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.2 | Level: (low/med) Low

Analysis Batch No.: 86290 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.95	U	0.95	0.60
74-83-9	Bromomethane	0.95	U	0.95	0.39
75-01-4	Vinyl chloride	0.95	U	0.95	0.22
75-00-3	Chloroethane	0.95	U	0.95	0.38
75-09-2	Methylene Chloride	2.6	B	0.95	0.45
67-64-1	Acetone	26	B	9.5	3.5
75-15-0	Carbon disulfide	0.95	U	0.95	0.44
75-69-4	Trichlorofluoromethane	0.95	U	0.95	0.25
75-35-4	1,1-Dichloroethene	0.95	U	0.95	0.35
75-34-3	1,1-Dichloroethane	0.95	U	0.95	0.24
156-60-5	trans-1,2-Dichloroethene	0.95	U	0.95	0.27
156-59-2	cis-1,2-Dichloroethene	0.95	U	0.95	0.22
67-66-3	Chloroform	1.2		0.95	0.22
78-93-3	2-Butanone	9.5	U	9.5	0.54
107-06-2	1,2-Dichloroethane	0.95	U	0.95	0.37
71-55-6	1,1,1-Trichloroethane	0.95	U	0.95	0.18
56-23-5	Carbon tetrachloride	0.95	U	0.95	0.096
71-43-2	Benzene	0.95	U	0.95	0.70
75-25-2	Bromoform	0.95	U	0.95	0.66
100-42-5	Styrene	0.95	U	0.95	0.33
100-41-4	Ethylbenzene	0.95	U	0.95	0.18
108-90-7	Chlorobenzene	0.95	U	0.95	0.46
110-82-7	Cyclohexane	0.95	U *	0.95	0.21
98-82-8	Isopropylbenzene	0.95	U	0.95	0.25
591-78-6	2-Hexanone	9.5	U	9.5	1.6
1634-04-4	MTBE	0.95	U	0.95	0.33
76-13-1	Freon TF	0.95	U	0.95	0.45
79-20-9	Methyl acetate	0.95	U	0.95	0.85
123-91-1	1,4-Dioxane	47	U	47	3.9
79-01-6	Trichloroethene	0.95	U	0.95	0.34
108-88-3	Toluene	0.95	U	0.95	0.28
10061-02-6	trans-1,3-Dichloropropene	0.95	U	0.95	0.21
108-10-1	4-Methyl-2-pentanone	9.5	U	9.5	0.68
10061-01-5	cis-1,3-Dichloropropene	0.95	U	0.95	0.19
95-50-1	1,2-Dichlorobenzene	0.95	U	0.95	0.60
541-73-1	1,3-Dichlorobenzene	0.95	U	0.95	0.46

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-14-WT-S (7.0-7.5) | Lab Sample ID: 460-30837-23

Matrix: Solid | Lab File ID: d12754.d

Analysis Method: 8260B | Date Collected: 09/09/2011 10:10

Sample wt/vol: 5.94(g) | Date Analyzed: 09/16/2011 02:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.2 | Level: (low/med) Low

Analysis Batch No.: 86290 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.95	U	0.95	0.67
120-82-1	1,2,4-Trichlorobenzene	0.95	U	0.95	0.51
87-61-6	1,2,3-Trichlorobenzene	0.95	U	0.95	0.61
78-87-5	1,2-Dichloropropane	0.95	U	0.95	0.30
108-87-2	Methylcyclohexane	0.95	U	0.95	0.26
127-18-4	Tetrachloroethene	0.95	U	0.95	0.31
1330-20-7	Xylenes, Total	2.8	U	2.8	0.75
96-12-8	1,2-Dibromo-3-Chloropropane	0.95	U	0.95	0.58
79-34-5	1,1,2,2-Tetrachloroethane	0.95	U	0.95	0.72
79-00-5	1,1,2-Trichloroethane	0.95	U	0.95	0.56
124-48-1	Dibromochloromethane	0.95	U	0.95	0.53
106-93-4	1,2-Dibromoethane	0.95	U	0.95	0.49
75-71-8	Dichlorodifluoromethane	0.95	U	0.95	0.39
74-97-5	Bromochloromethane	0.95	U	0.95	0.26
75-27-4	Bromodichloromethane	0.95	U	0.95	0.29

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		70-138
2037-26-5	Toluene-d8 (Surr)	95		66-126
460-00-4	Bromofluorobenzene	92		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-14-WT-S (7.0-7.5) Lab Sample ID: 460-30837-23

Matrix: Solid Lab File ID: d12754.d

Analysis Method: 8260B Date Collected: 09/09/2011 10:10

Sample wt/vol: 5.94(g) Date Analyzed: 09/16/2011 02:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.2 Level: (low/med) Low

Analysis Batch No.: 86290 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/8260L_10/09-03-11/15sep11a.b/d12754.d
Report Date: 16-Sep-2011 13:21

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/d12754.d
Lab Smp Id: 460-30837-D-23-A Client Smp ID: PMP-14-WT-S (7.0-7.
Inj Date : 16-SEP-2011 02:16
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-30837-D-23-A;;;5.94;5
Misc Info : 460-30837-D-23-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/8260L_10.m
Meth Date : 15-Sep-2011 18:45 ken Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.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	5.94000	Weight of sample extracted (g)
M	11.23810	% 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	2.563	2.574	(0.552)	29557	27.6411	26
	6 Methylene Chloride	84	2.522	2.533	(0.543)	7544	2.76618	2.6
	15 Chloroform	83	3.751	3.768	(0.808)	7073	1.23612	1.2
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.375	4.392	(0.942)	191436	53.7002	51
*	69 Fluorobenzene	96	4.645	4.656	(1.000)	374277	50.0000	
$	37 Toluene-d8 (SUR)	98	6.369	6.380	(0.793)	357715	47.3701	45
*	32 Chlorobenzene-d5	117	8.027	8.038	(1.000)	257915	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.104	9.115	(0.912)	136781	45.8357	43
*	91 1,4-Dichlorobenzene-d4	152	9.980	9.991	(1.000)	147300	50.0000	

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/d12754.d
Report Date: 16-Sep-2011 13:21

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/d12754.d
Lab Smp Id: 460-30837-D-23-A Client Smp ID: PMP-14-WT-S (7.0-7.
Inj Date : 16-SEP-2011 02:16
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-30837-D-23-A;;;5.94;5
Misc Info : 460-30837-D-23-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/8260L_10.m
Meth Date : 15-Sep-2011 18:45 ken Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.d
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

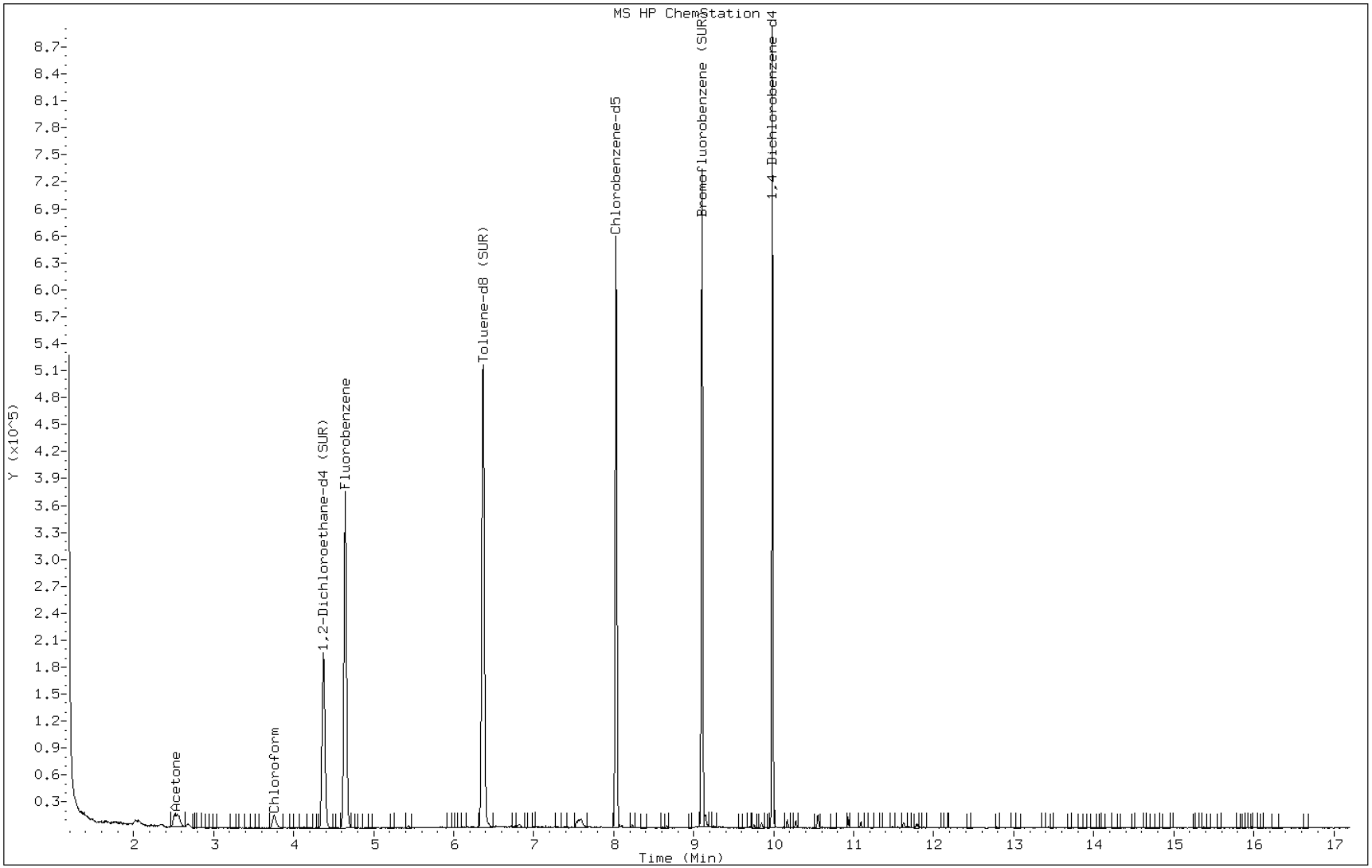
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: d12754.d

Date: 16-SEP-2011 02:16

Client ID: PMP-14-WT-S (7.0-7. Instrument: VOAMS4.i

Sample Info: 460-30837-D-23-A;;;5.94;5 Operator: VOAMS 9



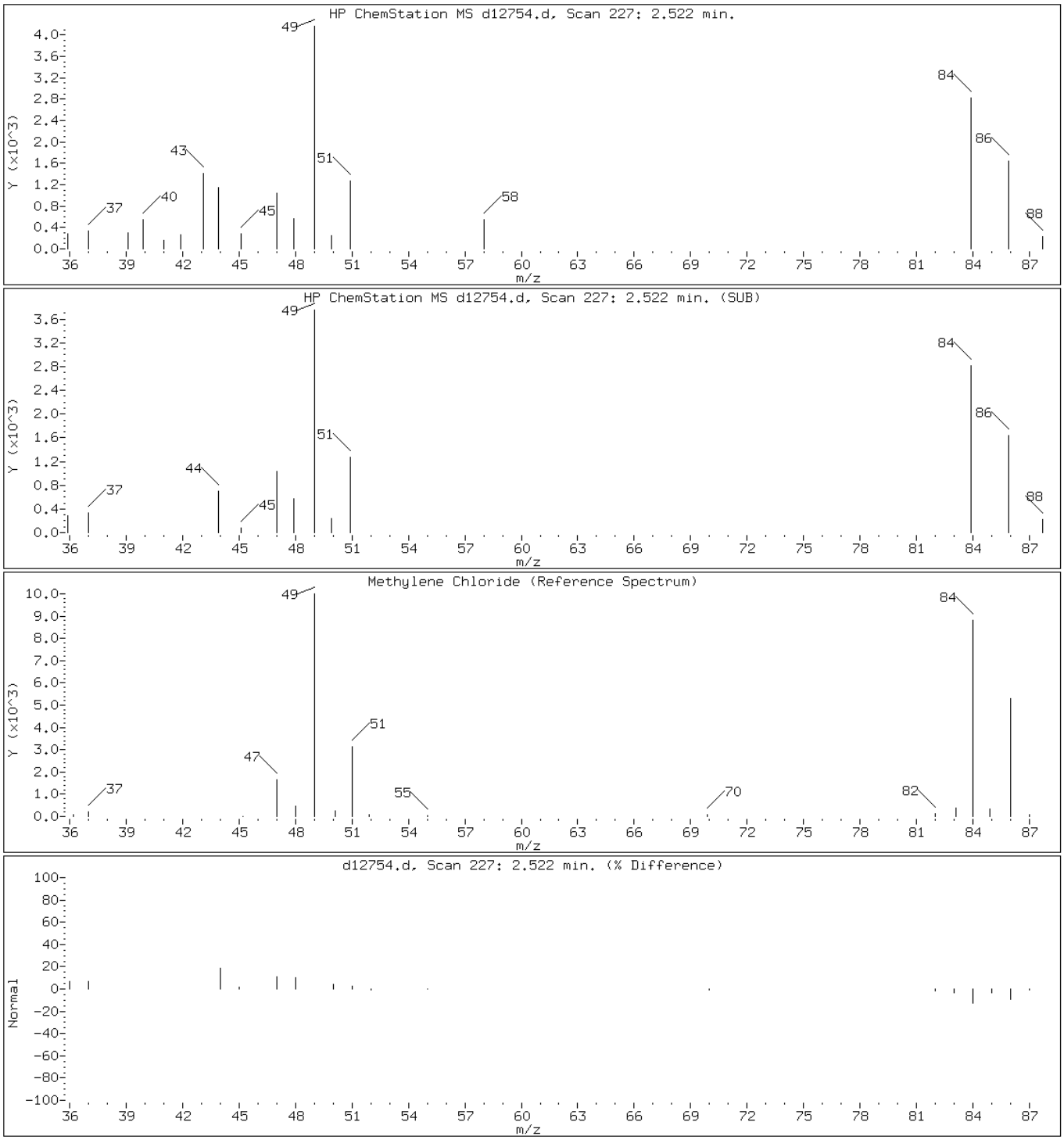
Data File: d12754.d

Date: 16-SEP-2011 02:16

Client ID: PMP-14-WT-S (7.0-7. Instrument: VOAMS4.i

Sample Info: 460-30837-D-23-A;;;5.94;5 Operator: VOAMS 9

6 Methylene Chloride



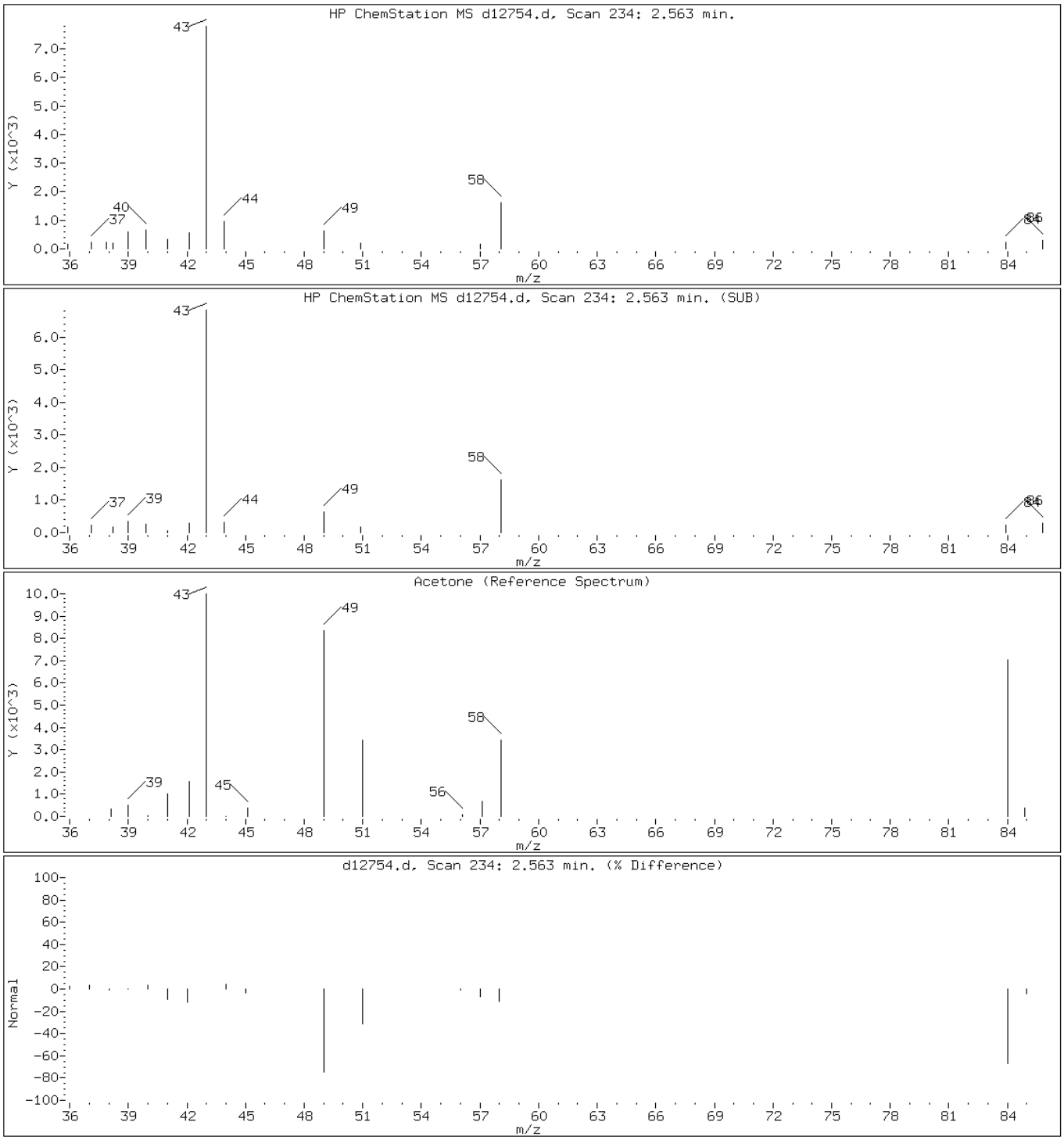
Data File: d12754.d

Date: 16-SEP-2011 02:16

Client ID: PMP-14-WT-S (7.0-7. Instrument: VOAMS4.i

Sample Info: 460-30837-D-23-A;;;5.94;5 Operator: VOAMS 9

7 Acetone



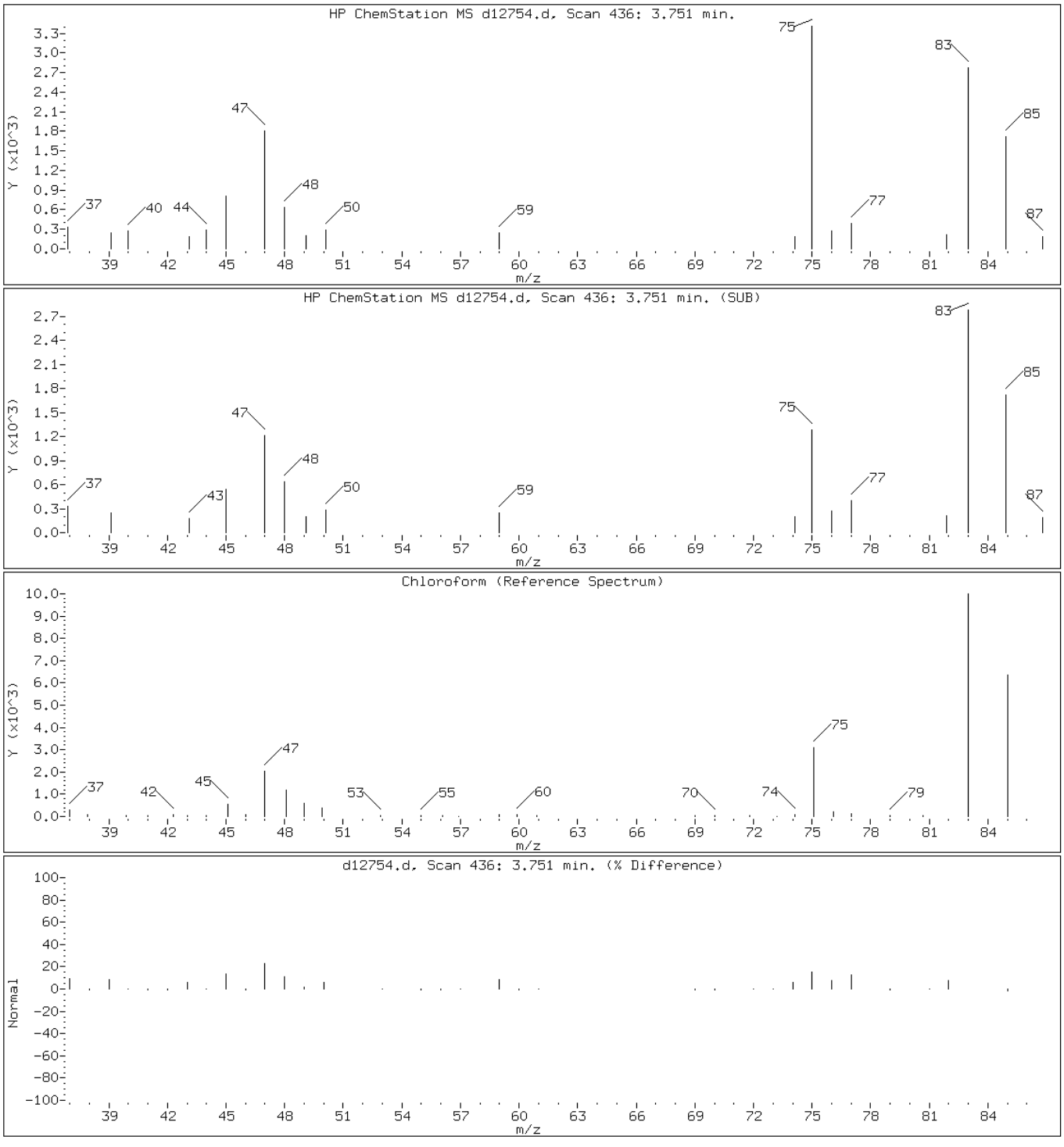
Data File: d12754.d

Date: 16-SEP-2011 02:16

Client ID: PMP-14-WT-S (7.0-7. Instrument: VOAMS4.i

Sample Info: 460-30837-D-23-A;;;5.94;5 Operator: VOAMS 9

15 Chloroform



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-8-VS-S (0.5-1.0) | Lab Sample ID: 460-30837-24

Matrix: Solid | Lab File ID: d12755.d

Analysis Method: 8260B | Date Collected: 09/09/2011 10:15

Sample wt/vol: 4.61(g) | Date Analyzed: 09/16/2011 02:40

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.6 | Level: (low/med) Low

Analysis Batch No.: 86290 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.1	U	1.1	0.73
74-83-9	Bromomethane	1.1	U	1.1	0.47
75-01-4	Vinyl chloride	1.1	U	1.1	0.27
75-00-3	Chloroethane	1.1	U	1.1	0.46
75-09-2	Methylene Chloride	3.8	B	1.1	0.54
67-64-1	Acetone	31	B	11	4.2
75-15-0	Carbon disulfide	1.1	U	1.1	0.53
75-69-4	Trichlorofluoromethane	1.1	U	1.1	0.30
75-35-4	1,1-Dichloroethene	1.1	U	1.1	0.42
75-34-3	1,1-Dichloroethane	1.1	U	1.1	0.29
156-60-5	trans-1,2-Dichloroethene	1.1	U	1.1	0.33
156-59-2	cis-1,2-Dichloroethene	1.1	U	1.1	0.27
67-66-3	Chloroform	1.1	U	1.1	0.27
78-93-3	2-Butanone	11	U	11	0.65
107-06-2	1,2-Dichloroethane	1.1	U	1.1	0.45
71-55-6	1,1,1-Trichloroethane	1.1	U	1.1	0.21
56-23-5	Carbon tetrachloride	1.1	U	1.1	0.12
71-43-2	Benzene	1.1	U	1.1	0.85
75-25-2	Bromoform	1.1	U	1.1	0.81
100-42-5	Styrene	1.1	U	1.1	0.40
100-41-4	Ethylbenzene	0.66	J	1.1	0.22
108-90-7	Chlorobenzene	1.1	U	1.1	0.55
110-82-7	Cyclohexane	1.1	U *	1.1	0.25
98-82-8	Isopropylbenzene	1.1	U	1.1	0.30
591-78-6	2-Hexanone	11	U	11	1.9
1634-04-4	MTBE	1.1	U	1.1	0.40
76-13-1	Freon TF	1.1	U	1.1	0.55
79-20-9	Methyl acetate	1.1	U	1.1	1.0
123-91-1	1,4-Dioxane	57	U	57	4.8
79-01-6	Trichloroethene	1.1	U	1.1	0.42
108-88-3	Toluene	0.66	J	1.1	0.34
10061-02-6	trans-1,3-Dichloropropene	1.1	U	1.1	0.25
108-10-1	4-Methyl-2-pentanone	11	U	11	0.82
10061-01-5	cis-1,3-Dichloropropene	1.1	U	1.1	0.23
95-50-1	1,2-Dichlorobenzene	1.1	U	1.1	0.73
541-73-1	1,3-Dichlorobenzene	1.1	U	1.1	0.56

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-8-VS-S (0.5-1.0) | Lab Sample ID: 460-30837-24

Matrix: Solid | Lab File ID: d12755.d

Analysis Method: 8260B | Date Collected: 09/09/2011 10:15

Sample wt/vol: 4.61(g) | Date Analyzed: 09/16/2011 02:40

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.6 | Level: (low/med) Low

Analysis Batch No.: 86290 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1.1	U	1.1	0.82
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	0.61
87-61-6	1,2,3-Trichlorobenzene	1.1	U	1.1	0.74
78-87-5	1,2-Dichloropropane	1.1	U	1.1	0.37
108-87-2	Methylcyclohexane	1.1	U	1.1	0.31
127-18-4	Tetrachloroethene	1.1	U	1.1	0.38
1330-20-7	Xylenes, Total	2.4	J	3.4	0.90
96-12-8	1,2-Dibromo-3-Chloropropane	1.1	U	1.1	0.70
79-34-5	1,1,2,2-Tetrachloroethane	1.1	U	1.1	0.87
79-00-5	1,1,2-Trichloroethane	1.1	U	1.1	0.68
124-48-1	Dibromochloromethane	1.1	U	1.1	0.64
106-93-4	1,2-Dibromoethane	1.1	U	1.1	0.59
75-71-8	Dichlorodifluoromethane	1.1	U	1.1	0.47
74-97-5	Bromochloromethane	1.1	U	1.1	0.31
75-27-4	Bromodichloromethane	1.1	U	1.1	0.35

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		70-138
2037-26-5	Toluene-d8 (Surr)	96		66-126
460-00-4	Bromofluorobenzene	100		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-8-VS-S (0.5-1.0) Lab Sample ID: 460-30837-24

Matrix: Solid Lab File ID: d12755.d

Analysis Method: 8260B Date Collected: 09/09/2011 10:15

Sample wt/vol: 4.61(g) Date Analyzed: 09/16/2011 02:40

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.6 Level: (low/med) Low

Analysis Batch No.: 86290 Units: ug/Kg

Number TICs Found: 1 TIC Result Total: 8.1

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Aromatic	13.34	8.1	J

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/d12755.d
Report Date: 16-Sep-2011 13:21

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/d12755.d
Lab Smp Id: 460-30837-D-24-A Client Smp ID: PMP-8-VS-S (0.5-1.0
Inj Date : 16-SEP-2011 02:40
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-30837-D-24-A;;;4.61;5
Misc Info : 460-30837-D-24-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/8260L_10.m
Meth Date : 15-Sep-2011 18:45 ken Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.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	4.61000	Weight of sample extracted (g)
M	5.56586	% 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	2.563	2.574	(0.552)	26826	26.5559	30
	6 Methylene Chloride	84	2.510	2.533	(0.540)	8504	3.30074	3.8
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.375	4.392	(0.942)	186028	55.2383	63
*	69 Fluorobenzene	96	4.645	4.656	(1.000)	353576	50.0000	
$	37 Toluene-d8 (SUR)	98	6.369	6.380	(0.793)	344320	48.1702	55
	38 Toluene	91	6.428	6.438	(0.801)	5429	0.57703	0.66(a)
*	32 Chlorobenzene-d5	117	8.027	8.038	(1.000)	244134	50.0000	
	40 Ethylbenzene	106	8.092	8.103	(1.008)	1811	0.57401	0.66(a)
	43 m+p-Xylene	106	8.233	8.244	(1.026)	6513	1.63774	1.9(a)
	44 o-Xylene	106	8.610	8.615	(1.073)	1832	0.44801	0.51(a)
$	41 Bromofluorobenzene (SUR)	174	9.104	9.115	(0.912)	123907	50.0941	58
*	91 1,4-Dichlorobenzene-d4	152	9.980	9.991	(1.000)	122093	50.0000	
M	45 Xylene (Total)	100				8345	2.07883	2.4(a)

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/d12755.d
Report Date: 16-Sep-2011 13:21

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/d12755.d
Report Date: 16-Sep-2011 13:21

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/d12755.d
Lab Smp Id: 460-30837-D-24-A Client Smp ID: PMP-8-VS-S (0.5-1.0
Inj Date : 16-SEP-2011 02:40
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-30837-D-24-A;;;4.61;5
Misc Info : 460-30837-D-24-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/8260L_10.m
Meth Date : 15-Sep-2011 18:45 ken Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.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	4.61000	Weight of sample extracted (g)
M	5.56586	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 91 1,4-Dichlorobenzene-d4	9.980	870244	50.000

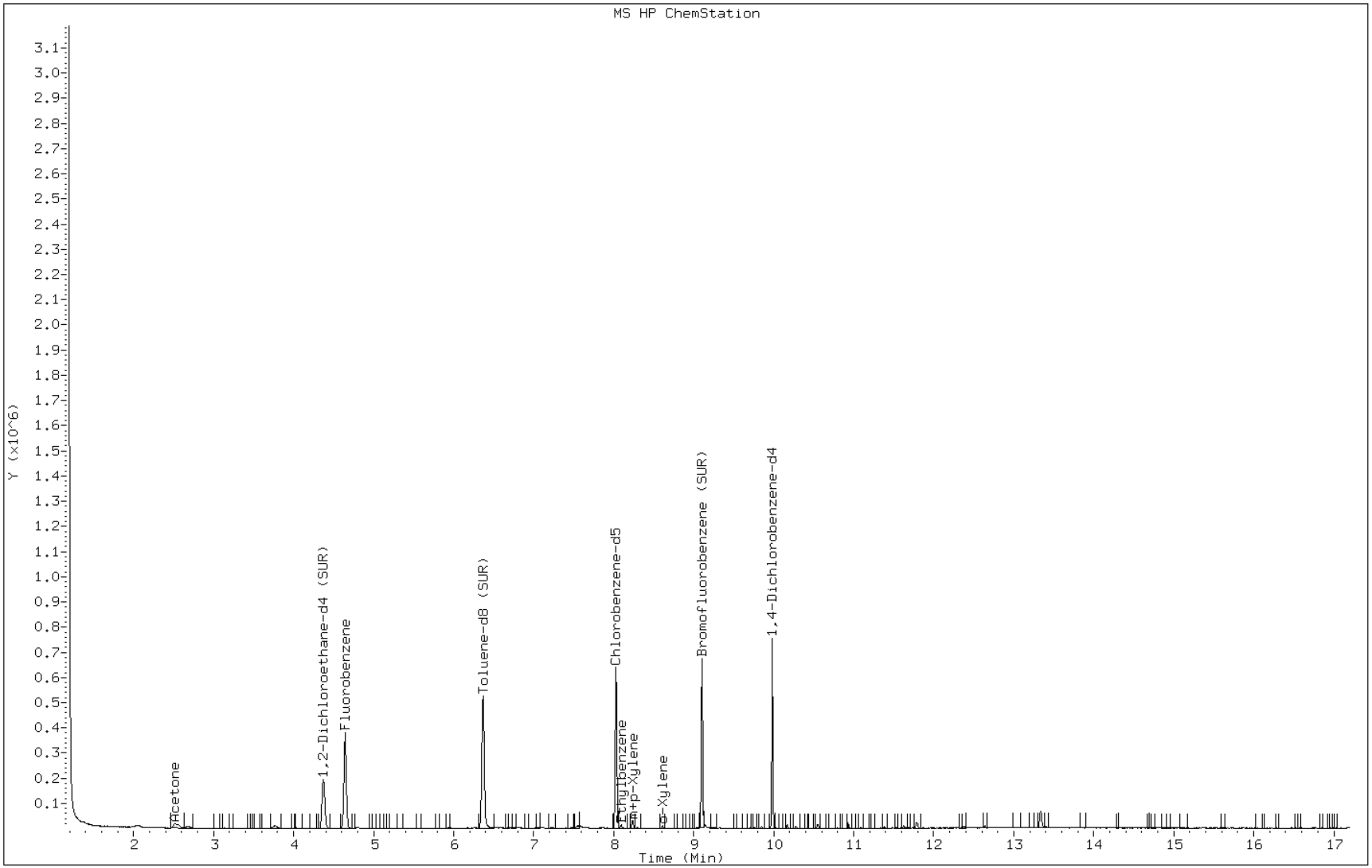
	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Aromatic					CAS #:		
13.339	122871	7.05959077	8.1	0		0	91

Data File: d12755.d

Date: 16-SEP-2011 02:40

Client ID: PMP-8-VS-S (0.5-1.0 Instrument: VOAMS4.i

Sample Info: 460-30837-D-24-A;;;4.61;5 Operator: VOAMS 9



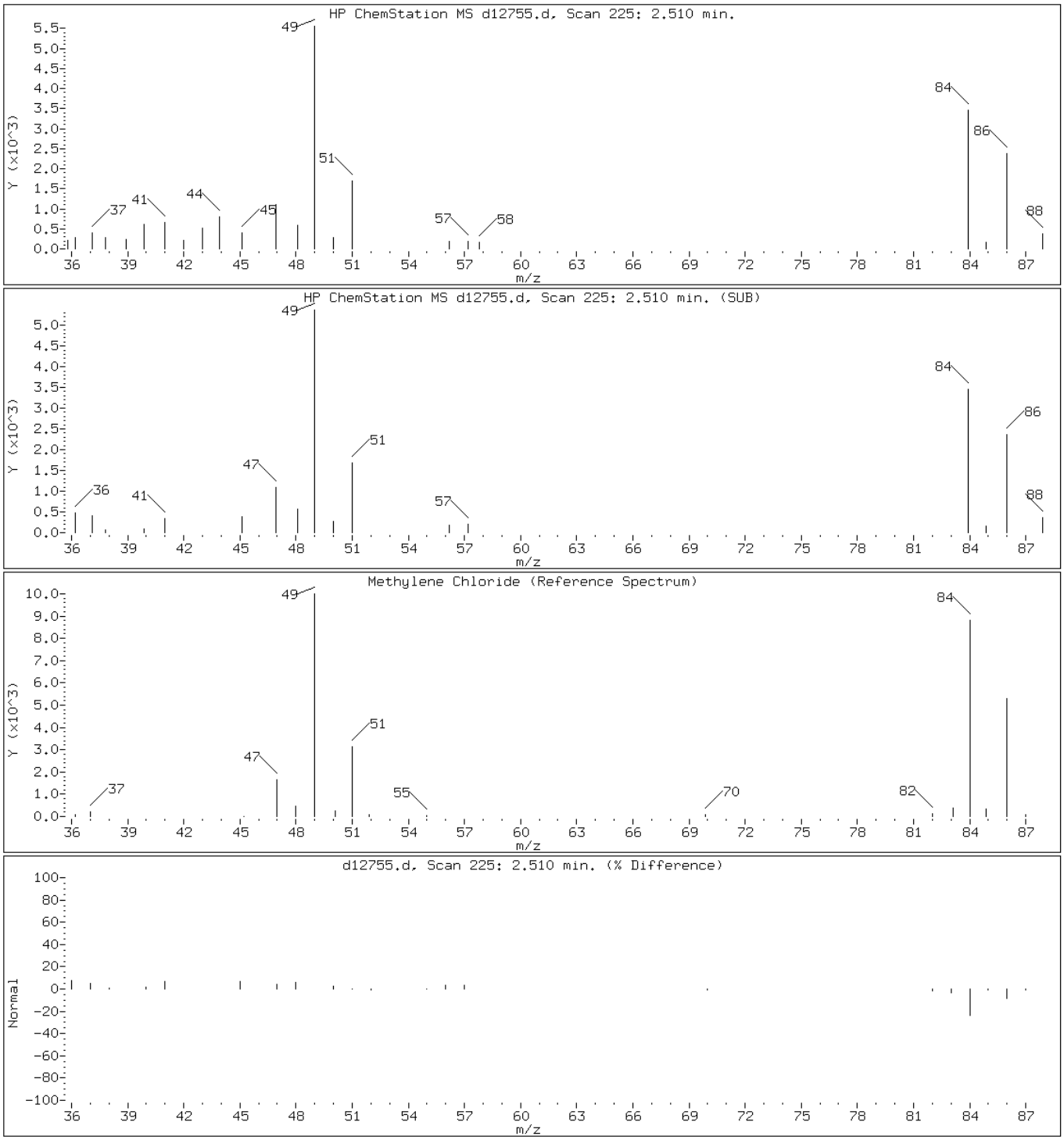
Data File: d12755.d

Date: 16-SEP-2011 02:40

Client ID: PMP-8-VS-S (0.5-1.0 Instrument: VOAMS4.i

Sample Info: 460-30837-D-24-A;;;4.61;5 Operator: VOAMS 9

6 Methylene Chloride



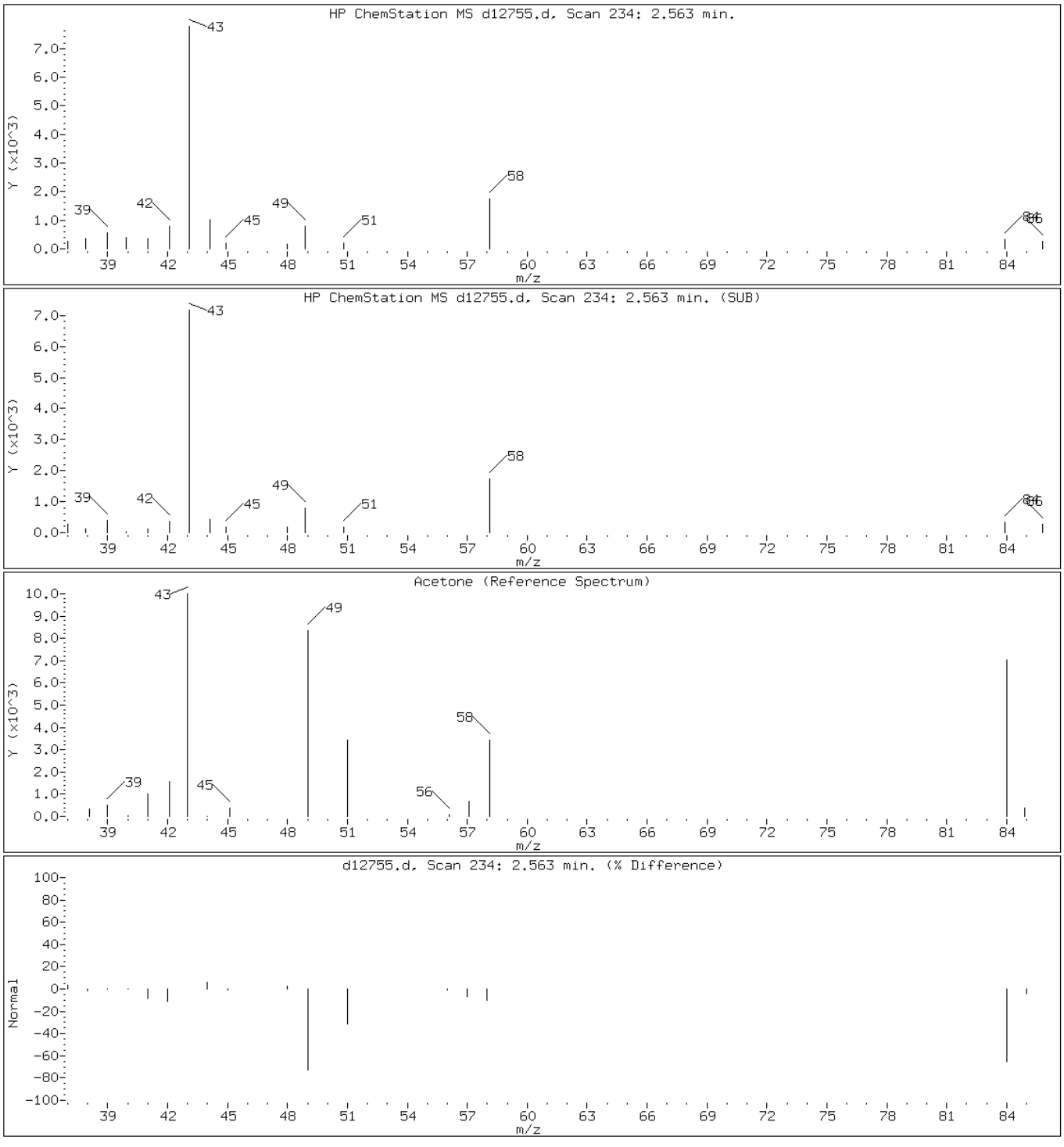
Data File: d12755.d

Date: 16-SEP-2011 02:40

Client ID: PMP-8-VS-S (0.5-1.0 Instrument: VOAMS4.i

Sample Info: 460-30837-D-24-A;;;4.61;5 Operator: VOAMS 9

7 Acetone



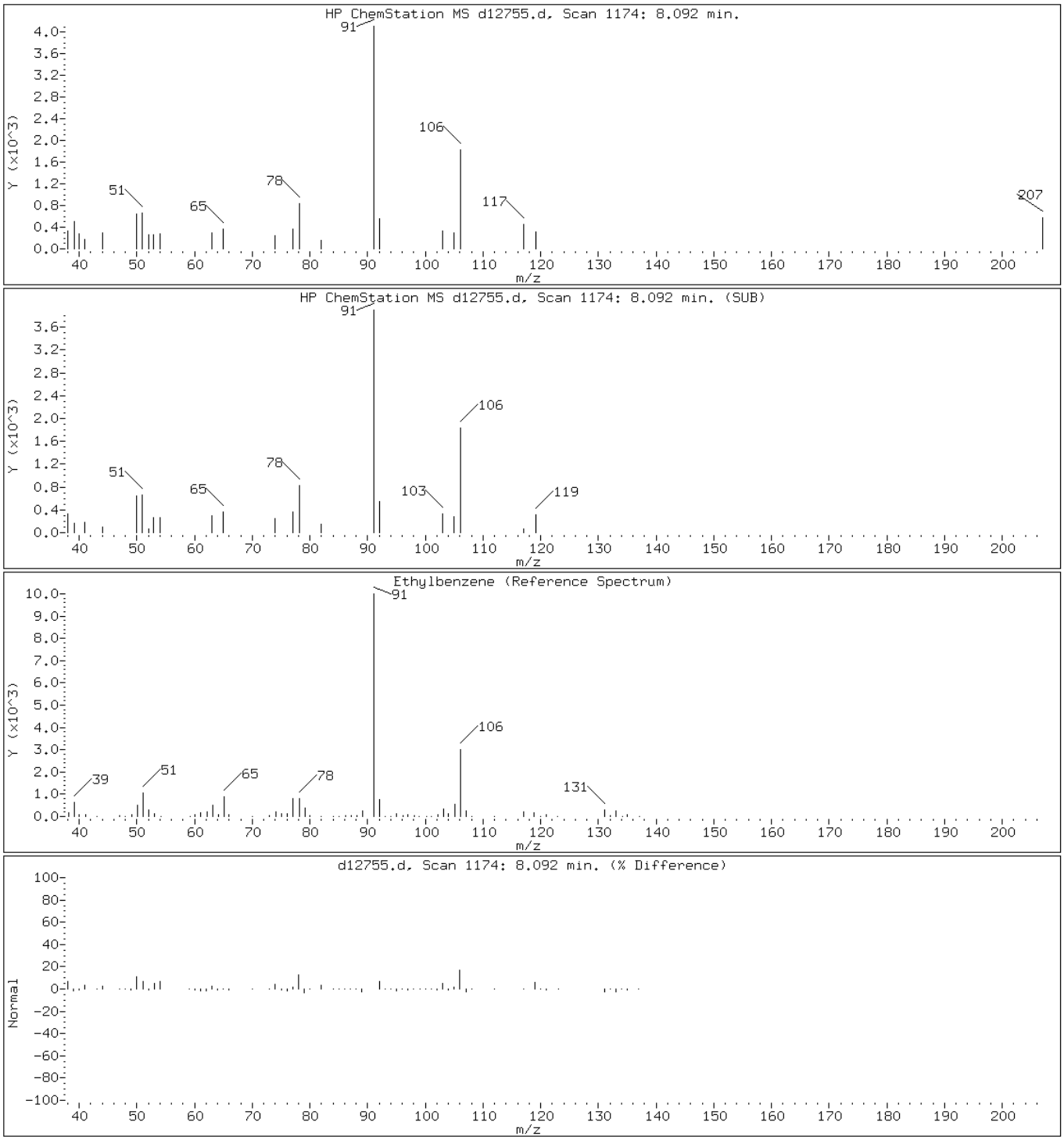
Data File: d12755.d

Date: 16-SEP-2011 02:40

Client ID: PMP-8-VS-S (0.5-1.0 Instrument: VOAMS4.i

Sample Info: 460-30837-D-24-A;;;4.61;5 Operator: VOAMS 9

40 Ethylbenzene



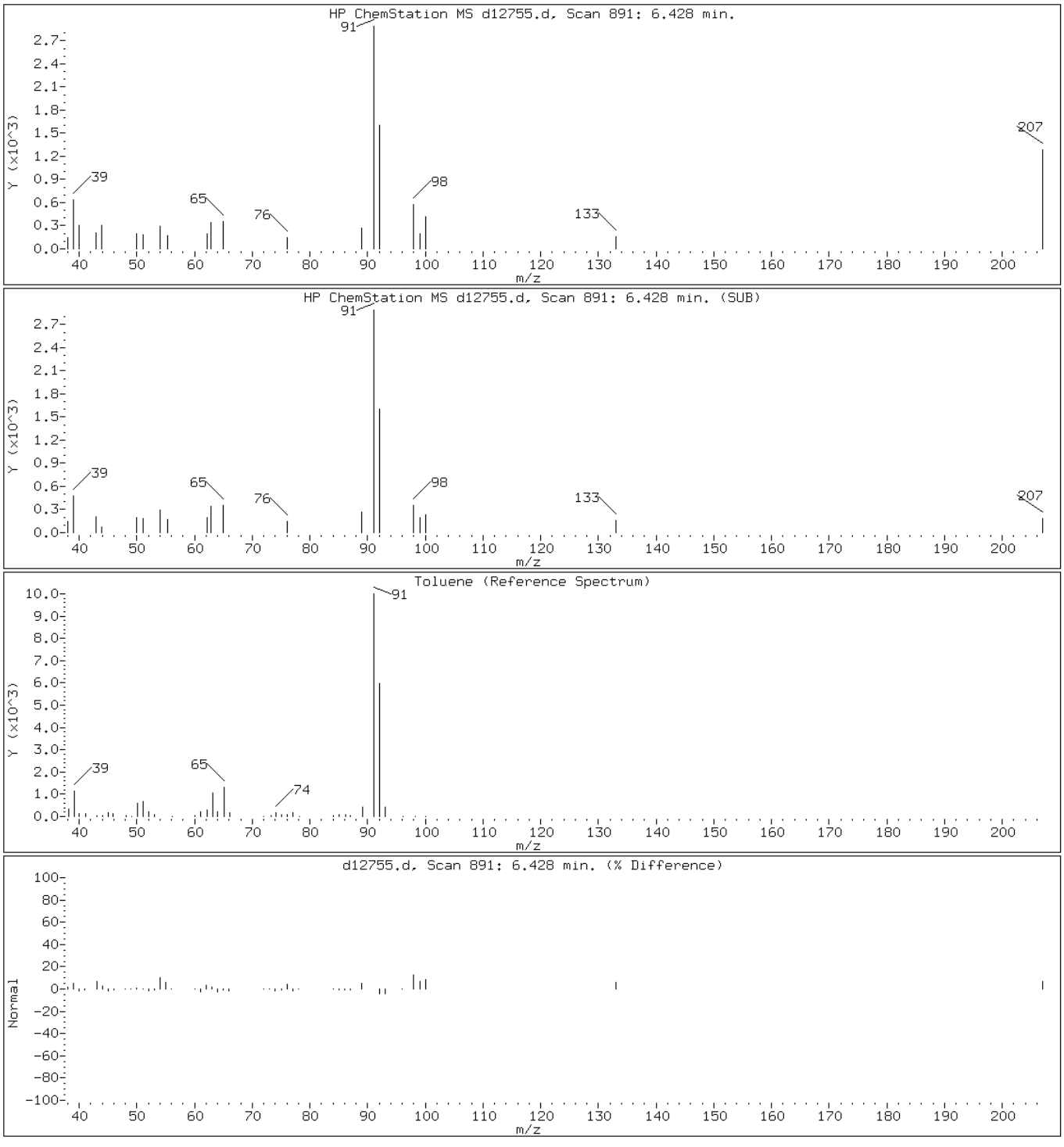
Data File: d12755.d

Date: 16-SEP-2011 02:40

Client ID: PMP-8-VS-S (0.5-1.0 Instrument: VOAMS4.i

Sample Info: 460-30837-D-24-A;;;4.61;5 Operator: VOAMS 9

38 Toluene



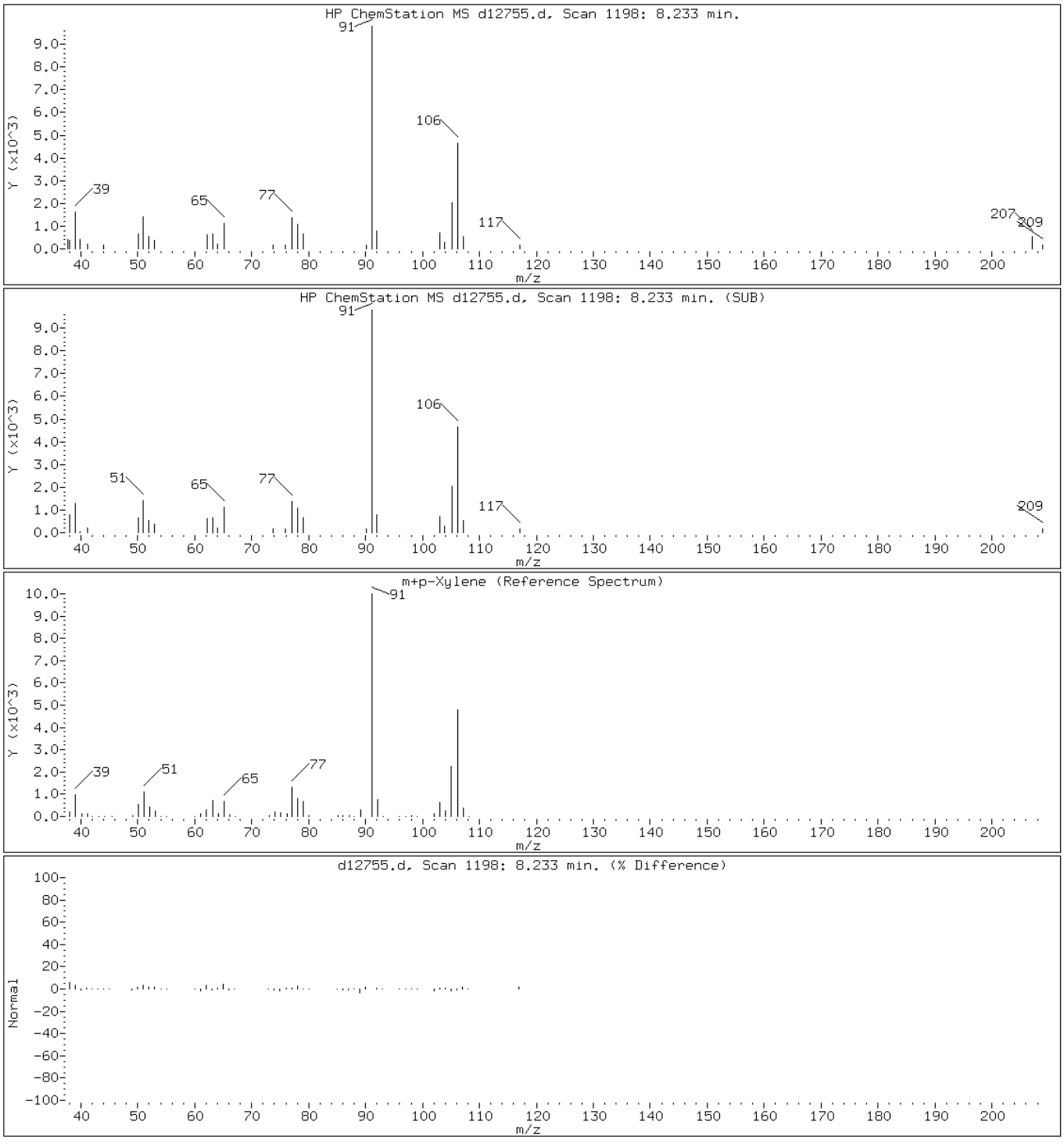
Data File: d12755.d

Date: 16-SEP-2011 02:40

Client ID: PMP-8-VS-S (0.5-1.0 Instrument: VOAMS4.i

Sample Info: 460-30837-D-24-A;;;4.61;5 Operator: VOAMS 9

43 m+p-Xylene



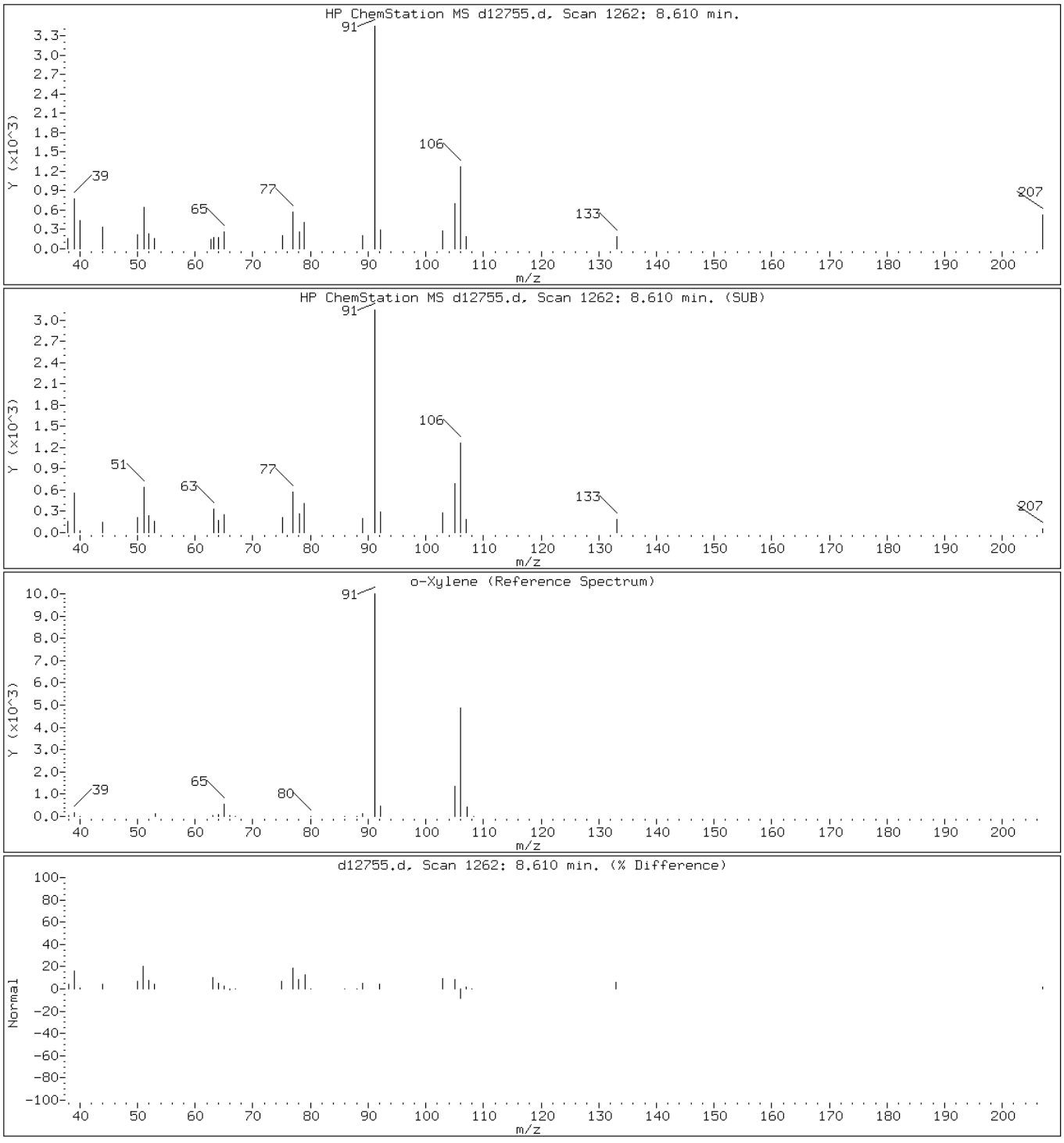
Data File: d12755.d

Date: 16-SEP-2011 02:40

Client ID: PMP-8-VS-S (0.5-1.0 Instrument: VOAMS4.i

Sample Info: 460-30837-D-24-A;;;4.61;5 Operator: VOAMS 9

44 o-Xylene



Data File: d12755.d

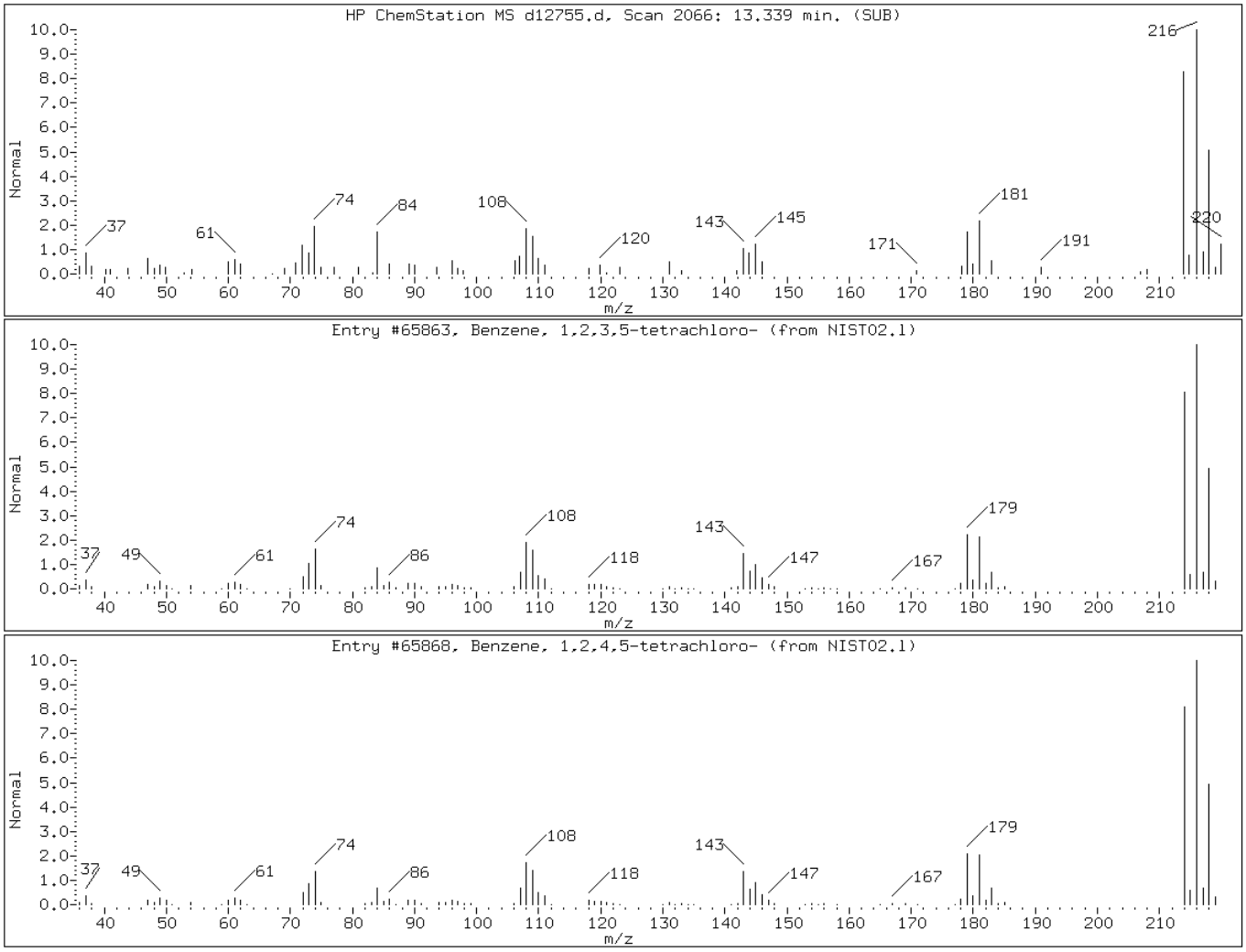
Date: 16-SEP-2011 02:40

Client ID: PMP-8-VS-S (0.5-1.0 Instrument: VOAMS4.i

Sample Info: 460-30837-D-24-A;;;4.61;5 Operator: VOAMS 9

Retention Time: 13.34

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aromatic						
Benzene, 1,2,3,5-tetrachloro-	634-90-2	NIST02.l	65863	99	C6H2Cl4	214
Benzene, 1,2,4,5-tetrachloro-	95-94-3	NIST02.l	65868	99	C6H2Cl4	214



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-8-VD-S (2.5-3.0) | Lab Sample ID: 460-30837-25

Matrix: Solid | Lab File ID: d12756.d

Analysis Method: 8260B | Date Collected: 09/09/2011 10:20

Sample wt/vol: 5.43(g) | Date Analyzed: 09/16/2011 03:04

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 3.7 | Level: (low/med) Low

Analysis Batch No.: 86290 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.96	U	0.96	0.61
74-83-9	Bromomethane	0.96	U	0.96	0.39
75-01-4	Vinyl chloride	0.96	U	0.96	0.22
75-00-3	Chloroethane	0.96	U	0.96	0.38
75-09-2	Methylene Chloride	3.7	B	0.96	0.45
67-64-1	Acetone	39	B	9.6	3.5
75-15-0	Carbon disulfide	0.96	U	0.96	0.44
75-69-4	Trichlorofluoromethane	0.96	U	0.96	0.25
75-35-4	1,1-Dichloroethene	0.96	U	0.96	0.35
75-34-3	1,1-Dichloroethane	0.96	U	0.96	0.24
156-60-5	trans-1,2-Dichloroethene	0.96	U	0.96	0.27
156-59-2	cis-1,2-Dichloroethene	0.96	U	0.96	0.23
67-66-3	Chloroform	0.96	U	0.96	0.23
78-93-3	2-Butanone	9.6	U	9.6	0.54
107-06-2	1,2-Dichloroethane	0.96	U	0.96	0.37
71-55-6	1,1,1-Trichloroethane	0.96	U	0.96	0.18
56-23-5	Carbon tetrachloride	0.96	U	0.96	0.097
71-43-2	Benzene	0.96	U	0.96	0.71
75-25-2	Bromoform	0.96	U	0.96	0.67
100-42-5	Styrene	0.96	U	0.96	0.33
100-41-4	Ethylbenzene	0.96	U	0.96	0.18
108-90-7	Chlorobenzene	0.96	U	0.96	0.46
110-82-7	Cyclohexane	0.96	U *	0.96	0.21
98-82-8	Isopropylbenzene	0.96	U	0.96	0.25
591-78-6	2-Hexanone	9.6	U	9.6	1.6
1634-04-4	MTBE	0.96	U	0.96	0.33
76-13-1	Freon TF	0.96	U	0.96	0.46
79-20-9	Methyl acetate	0.96	U	0.96	0.86
123-91-1	1,4-Dioxane	48	U	48	4.0
79-01-6	Trichloroethene	0.96	U	0.96	0.35
108-88-3	Toluene	0.96	U	0.96	0.29
10061-02-6	trans-1,3-Dichloropropene	0.96	U	0.96	0.21
108-10-1	4-Methyl-2-pentanone	9.6	U	9.6	0.68
10061-01-5	cis-1,3-Dichloropropene	0.96	U	0.96	0.19
95-50-1	1,2-Dichlorobenzene	0.96	U	0.96	0.61
541-73-1	1,3-Dichlorobenzene	0.96	U	0.96	0.46

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-8-VD-S (2.5-3.0) | Lab Sample ID: 460-30837-25

Matrix: Solid | Lab File ID: d12756.d

Analysis Method: 8260B | Date Collected: 09/09/2011 10:20

Sample wt/vol: 5.43(g) | Date Analyzed: 09/16/2011 03:04

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 3.7 | Level: (low/med) Low

Analysis Batch No.: 86290 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.96	U	0.96	0.68
120-82-1	1,2,4-Trichlorobenzene	0.96	U	0.96	0.51
87-61-6	1,2,3-Trichlorobenzene	0.96	U	0.96	0.62
78-87-5	1,2-Dichloropropane	0.96	U	0.96	0.30
108-87-2	Methylcyclohexane	0.96	U	0.96	0.26
127-18-4	Tetrachloroethene	0.96	U	0.96	0.32
1330-20-7	Xylenes, Total	2.9	U	2.9	0.75
96-12-8	1,2-Dibromo-3-Chloropropane	0.96	U	0.96	0.58
79-34-5	1,1,2,2-Tetrachloroethane	0.96	U	0.96	0.73
79-00-5	1,1,2-Trichloroethane	0.96	U	0.96	0.57
124-48-1	Dibromochloromethane	0.96	U	0.96	0.54
106-93-4	1,2-Dibromoethane	0.96	U	0.96	0.50
75-71-8	Dichlorodifluoromethane	0.96	U	0.96	0.39
74-97-5	Bromochloromethane	0.96	U	0.96	0.26
75-27-4	Bromodichloromethane	0.96	U	0.96	0.29

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		70-138
2037-26-5	Toluene-d8 (Surr)	93		66-126
460-00-4	Bromofluorobenzene	97		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-8-VD-S (2.5-3.0) Lab Sample ID: 460-30837-25

Matrix: Solid Lab File ID: d12756.d

Analysis Method: 8260B Date Collected: 09/09/2011 10:20

Sample wt/vol: 5.43(g) Date Analyzed: 09/16/2011 03:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 3.7 Level: (low/med) Low

Analysis Batch No.: 86290 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/8260L_10/09-03-11/15sep11a.b/d12756.d
Report Date: 16-Sep-2011 13:22

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/d12756.d
Lab Smp Id: 460-30837-D-25-A Client Smp ID: PMP-8-VD-S (2.5-3.0
Inj Date : 16-SEP-2011 03:04
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-30837-D-25-A;;;5.43;5
Misc Info : 460-30837-D-25-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/8260L_10.m
Meth Date : 15-Sep-2011 18:45 ken Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.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	5.43000	Weight of sample extracted (g)
M	3.70370	% 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	2.557	2.574	(0.550)	41646	41.0801	39
	6 Methylene Chloride	84	2.510	2.533	(0.540)	9961	3.85251	3.7
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.375	4.392	(0.942)	187814	55.5703	53
*	69 Fluorobenzene	96	4.646	4.656	(1.000)	354838	50.0000	
$	37 Toluene-d8 (SUR)	98	6.369	6.380	(0.793)	348435	46.7105	45
*	32 Chlorobenzene-d5	117	8.028	8.038	(1.000)	254772	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.104	9.115	(0.912)	129181	48.4298	46
*	91 1,4-Dichlorobenzene-d4	152	9.980	9.991	(1.000)	131664	50.0000	

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/d12756.d
Report Date: 16-Sep-2011 13:22

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/d12756.d
Lab Smp Id: 460-30837-D-25-A Client Smp ID: PMP-8-VD-S (2.5-3.0
Inj Date : 16-SEP-2011 03:04
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-30837-D-25-A;;;5.43;5
Misc Info : 460-30837-D-25-A
Comment :
Method : /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/8260L_10.m
Meth Date : 15-Sep-2011 18:45 ken Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.d
Als bottle: 21
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

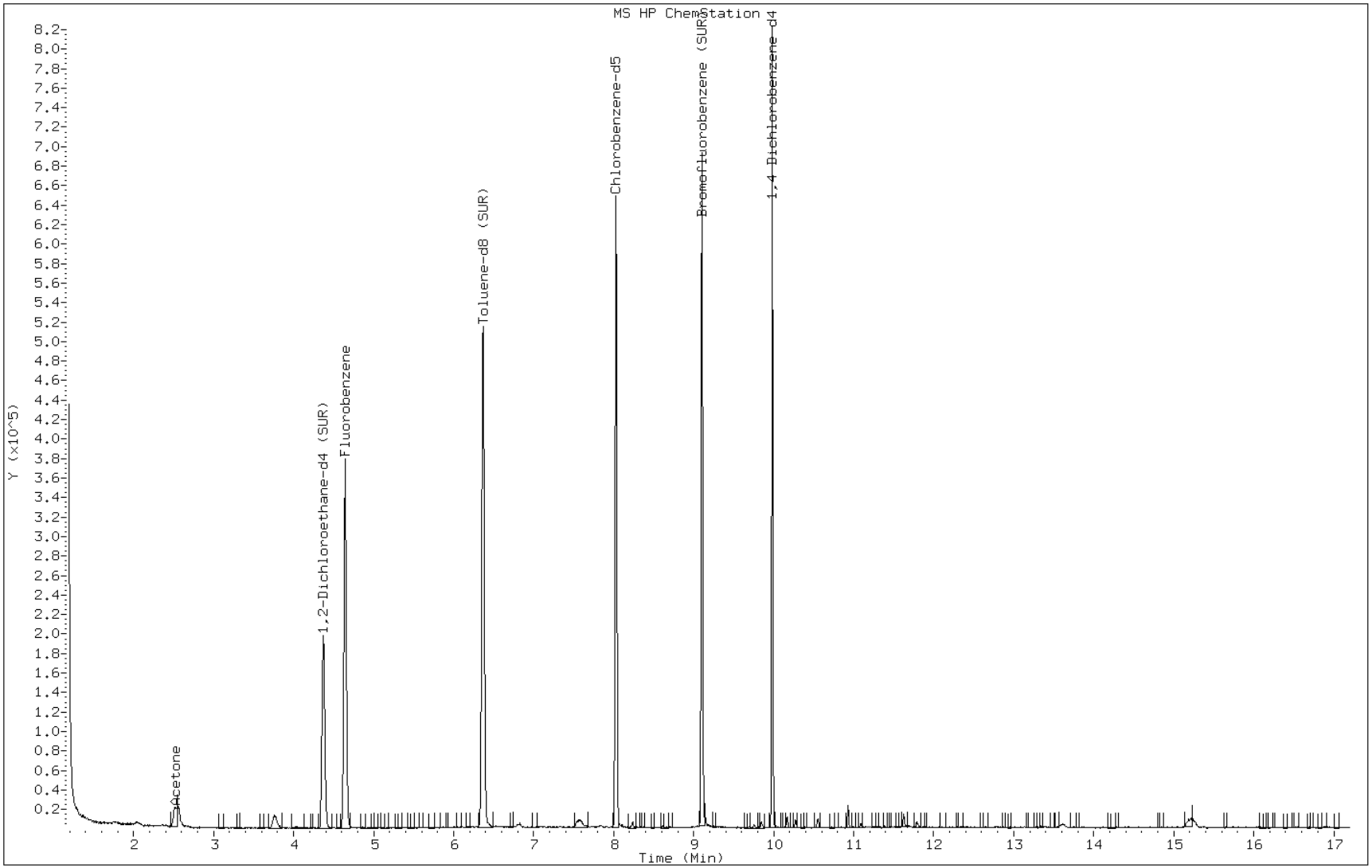
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: d12756.d

Date: 16-SEP-2011 03:04

Client ID: PMP-8-VD-S (2.5-3.0 Instrument: VOAMS4.i

Sample Info: 460-30837-D-25-A;;;5.43;5 Operator: VOAMS 9



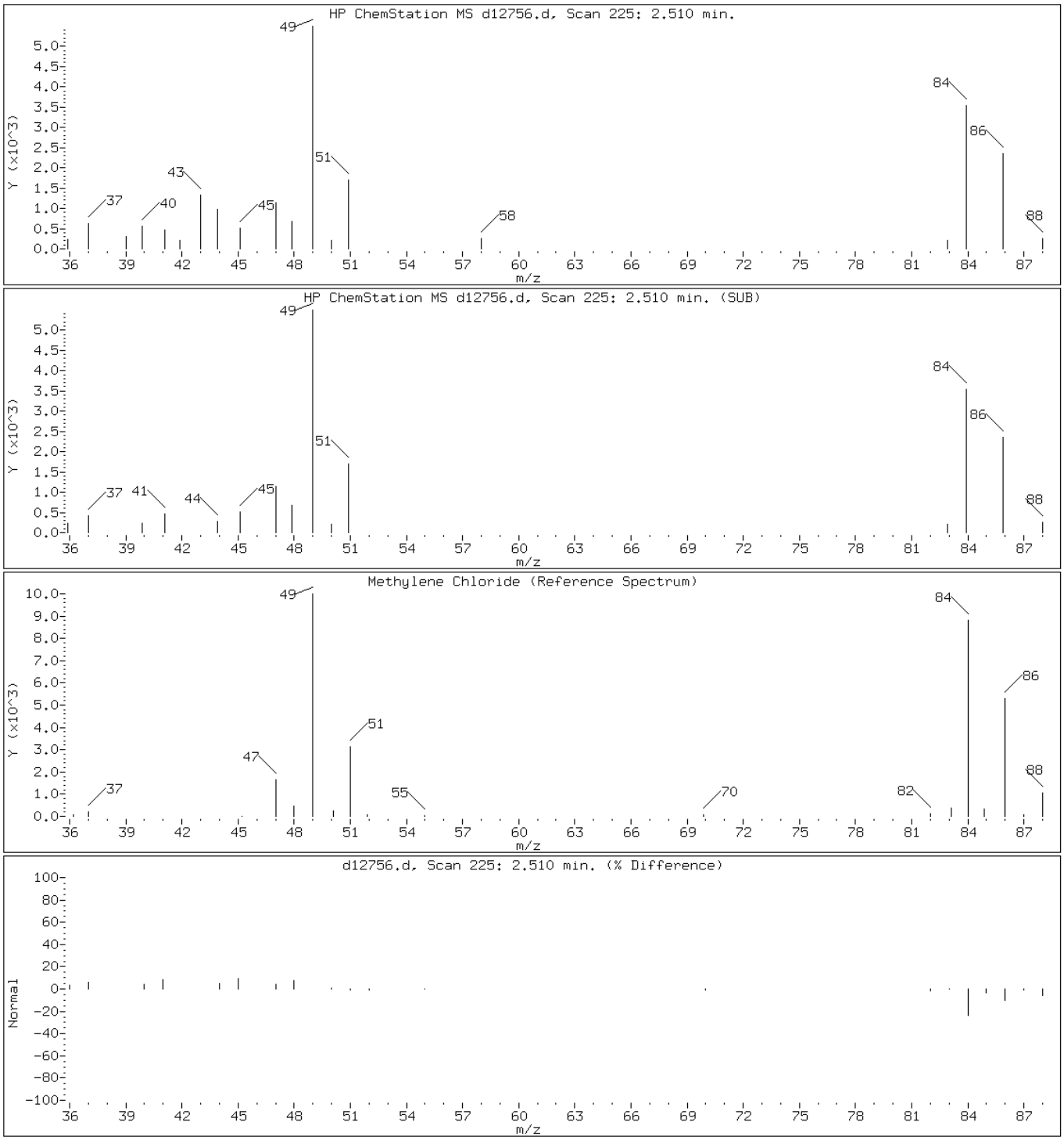
Data File: d12756.d

Date: 16-SEP-2011 03:04

Client ID: PMP-8-VD-S (2.5-3.0 Instrument: VOAMS4.i

Sample Info: 460-30837-D-25-A;;;5.43;5 Operator: VOAMS 9

6 Methylene Chloride



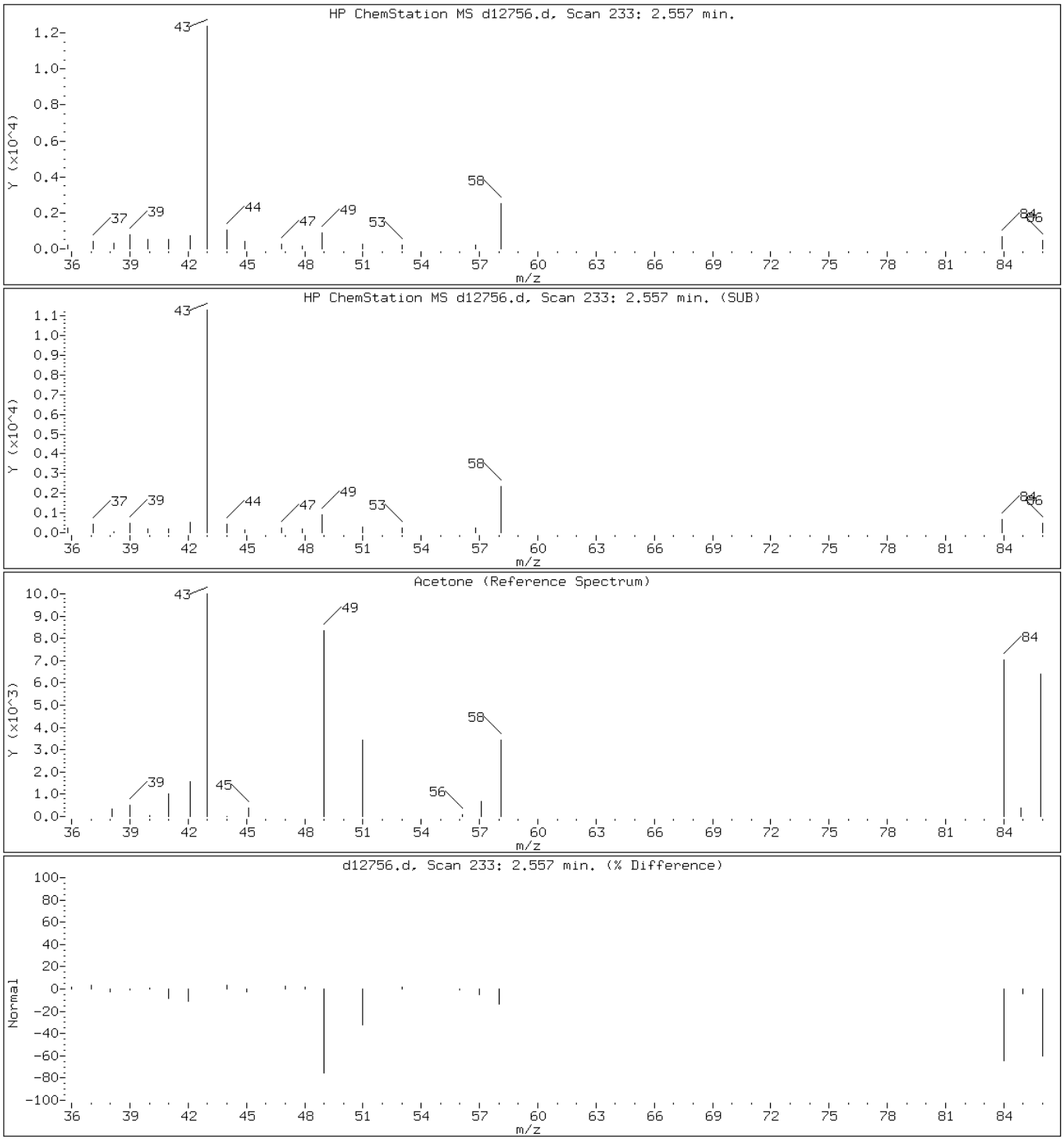
Data File: d12756.d

Date: 16-SEP-2011 03:04

Client ID: PMP-8-VD-S (2.5-3.0 Instrument: VOAMS4.i

Sample Info: 460-30837-D-25-A;;;5.43;5 Operator: VOAMS 9

7 Acetone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-8-WT-S (7.0-7.5) | Lab Sample ID: 460-30837-26

Matrix: Solid | Lab File ID: d12757.d

Analysis Method: 8260B | Date Collected: 09/09/2011 10:25

Sample wt/vol: 6.03(g) | Date Analyzed: 09/16/2011 03:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 12.3 | Level: (low/med) Low

Analysis Batch No.: 86290 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.95	U	0.95	0.60
74-83-9	Bromomethane	0.95	U	0.95	0.39
75-01-4	Vinyl chloride	0.95	U	0.95	0.22
75-00-3	Chloroethane	0.95	U	0.95	0.38
75-09-2	Methylene Chloride	3.8	B	0.95	0.45
67-64-1	Acetone	28	B	9.5	3.5
75-15-0	Carbon disulfide	0.95	U	0.95	0.44
75-69-4	Trichlorofluoromethane	0.95	U	0.95	0.25
75-35-4	1,1-Dichloroethene	0.95	U	0.95	0.35
75-34-3	1,1-Dichloroethane	0.95	U	0.95	0.24
156-60-5	trans-1,2-Dichloroethene	0.95	U	0.95	0.27
156-59-2	cis-1,2-Dichloroethene	0.95	U	0.95	0.22
67-66-3	Chloroform	0.95	U	0.95	0.22
78-93-3	2-Butanone	9.5	U	9.5	0.54
107-06-2	1,2-Dichloroethane	0.95	U	0.95	0.37
71-55-6	1,1,1-Trichloroethane	0.95	U	0.95	0.18
56-23-5	Carbon tetrachloride	0.95	U	0.95	0.096
71-43-2	Benzene	0.95	U	0.95	0.70
75-25-2	Bromoform	0.95	U	0.95	0.66
100-42-5	Styrene	0.95	U	0.95	0.33
100-41-4	Ethylbenzene	0.95	U	0.95	0.18
108-90-7	Chlorobenzene	0.95	U	0.95	0.46
110-82-7	Cyclohexane	0.95	U *	0.95	0.21
98-82-8	Isopropylbenzene	0.95	U	0.95	0.25
591-78-6	2-Hexanone	9.5	U	9.5	1.6
1634-04-4	MTBE	0.95	U	0.95	0.33
76-13-1	Freon TF	0.95	U	0.95	0.45
79-20-9	Methyl acetate	0.95	U	0.95	0.85
123-91-1	1,4-Dioxane	47	U	47	3.9
79-01-6	Trichloroethene	0.95	U	0.95	0.34
108-88-3	Toluene	0.30	J	0.95	0.28
10061-02-6	trans-1,3-Dichloropropene	0.95	U	0.95	0.21
108-10-1	4-Methyl-2-pentanone	9.5	U	9.5	0.68
10061-01-5	cis-1,3-Dichloropropene	0.95	U	0.95	0.19
95-50-1	1,2-Dichlorobenzene	0.95	U	0.95	0.60
541-73-1	1,3-Dichlorobenzene	0.95	U	0.95	0.46

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-8-WT-S (7.0-7.5) | Lab Sample ID: 460-30837-26

Matrix: Solid | Lab File ID: d12757.d

Analysis Method: 8260B | Date Collected: 09/09/2011 10:25

Sample wt/vol: 6.03(g) | Date Analyzed: 09/16/2011 03:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 12.3 | Level: (low/med) Low

Analysis Batch No.: 86290 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.95	U	0.95	0.67
120-82-1	1,2,4-Trichlorobenzene	0.95	U	0.95	0.51
87-61-6	1,2,3-Trichlorobenzene	0.95	U	0.95	0.61
78-87-5	1,2-Dichloropropane	0.95	U	0.95	0.30
108-87-2	Methylcyclohexane	0.95	U	0.95	0.26
127-18-4	Tetrachloroethene	0.95	U	0.95	0.31
1330-20-7	Xylenes, Total	2.8	U	2.8	0.74
96-12-8	1,2-Dibromo-3-Chloropropane	0.95	U	0.95	0.58
79-34-5	1,1,2,2-Tetrachloroethane	0.95	U	0.95	0.72
79-00-5	1,1,2-Trichloroethane	0.95	U	0.95	0.56
124-48-1	Dibromochloromethane	0.95	U	0.95	0.53
106-93-4	1,2-Dibromoethane	0.95	U	0.95	0.49
75-71-8	Dichlorodifluoromethane	0.95	U	0.95	0.39
74-97-5	Bromochloromethane	0.95	U	0.95	0.26
75-27-4	Bromodichloromethane	0.95	U	0.95	0.29

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-138
2037-26-5	Toluene-d8 (Surr)	97		66-126
460-00-4	Bromofluorobenzene	93		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-8-WT-S (7.0-7.5) Lab Sample ID: 460-30837-26

Matrix: Solid Lab File ID: d12757.d

Analysis Method: 8260B Date Collected: 09/09/2011 10:25

Sample wt/vol: 6.03(g) Date Analyzed: 09/16/2011 03:28

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 12.3 Level: (low/med) Low

Analysis Batch No.: 86290 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/8260L_10/09-03-11/15sep11a.b/d12757.d
Report Date: 16-Sep-2011 13:22

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/d12757.d
Lab Smp Id: 460-30837-D-26-A Client Smp ID: PMP-8-WT-S (7.0-7.5
Inj Date : 16-SEP-2011 03:28
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-30837-D-26-A;;;6.03;5
Misc Info : 460-30837-D-26-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/8260L_10.m
Meth Date : 15-Sep-2011 18:45 ken Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.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	6.03000	Weight of sample extracted (g)
M	12.34783	% 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	2.563	2.574	(0.552)	30394	29.0850	28
	6 Methylene Chloride	84	2.528	2.533	(0.544)	10619	3.98426	3.8
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.381	4.392	(0.943)	183694	52.7270	50
*	69 Fluorobenzene	96	4.645	4.656	(1.000)	365769	50.0000	
$	37 Toluene-d8 (SUR)	98	6.369	6.380	(0.793)	364200	48.4127	46
	38 Toluene	91	6.434	6.438	(0.801)	3133	0.31640	0.30(a)
*	32 Chlorobenzene-d5	117	8.028	8.038	(1.000)	256936	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.104	9.115	(0.912)	137648	46.5332	44
*	91 1,4-Dichlorobenzene-d4	152	9.980	9.991	(1.000)	146012	50.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/d12757.d
Report Date: 16-Sep-2011 13:22

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/d12757.d
Lab Smp Id: 460-30837-D-26-A Client Smp ID: PMP-8-WT-S (7.0-7.5
Inj Date : 16-SEP-2011 03:28
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-30837-D-26-A;;;6.03;5
Misc Info : 460-30837-D-26-A
Comment :
Method : /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/8260L_10.m
Meth Date : 15-Sep-2011 18:45 ken Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.d
Als bottle: 22
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

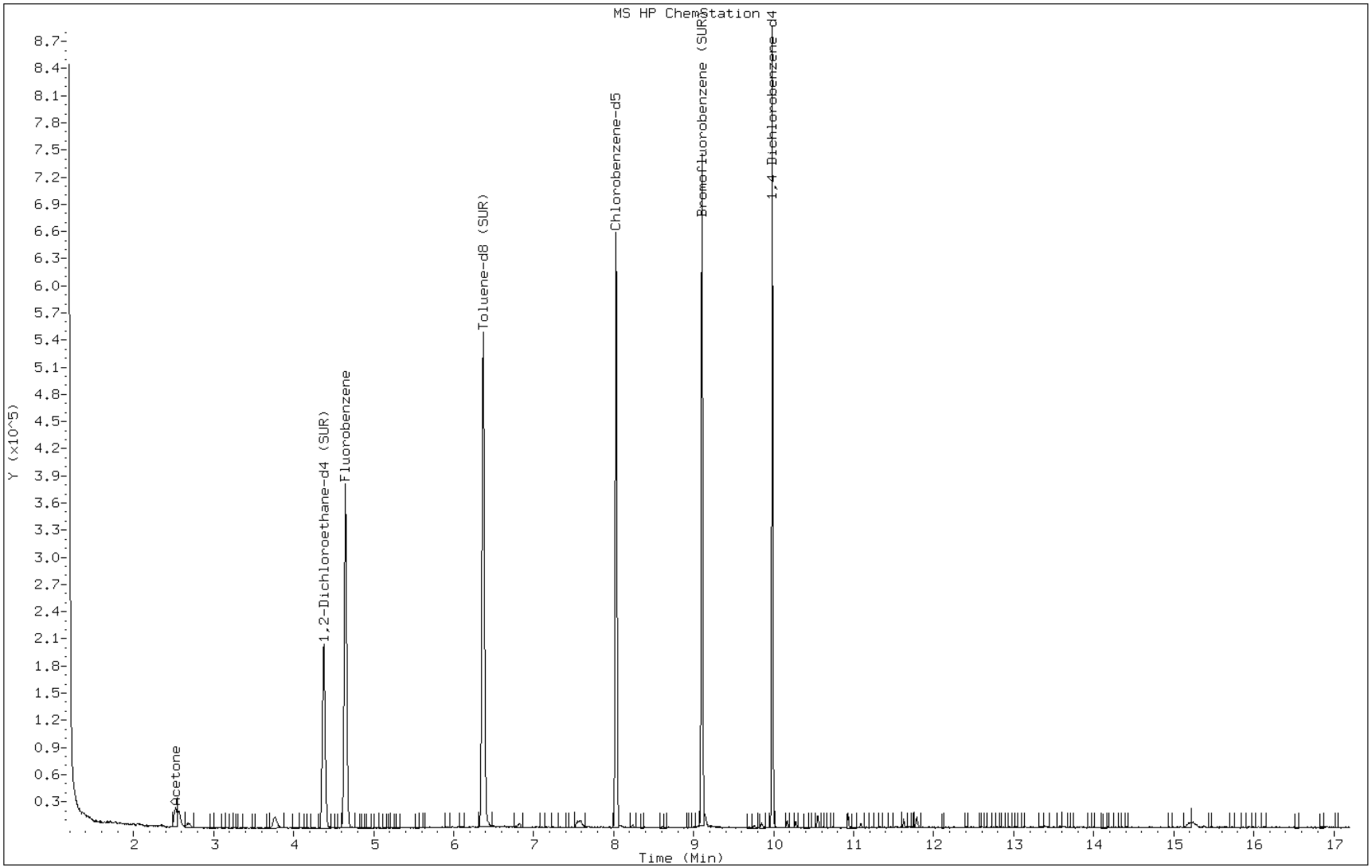
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: d12757.d

Date: 16-SEP-2011 03:28

Client ID: PMP-8-WT-S (7.0-7.5 Instrument: VOAMS4.i

Sample Info: 460-30837-D-26-A;;;6.03;5 Operator: VOAMS 9



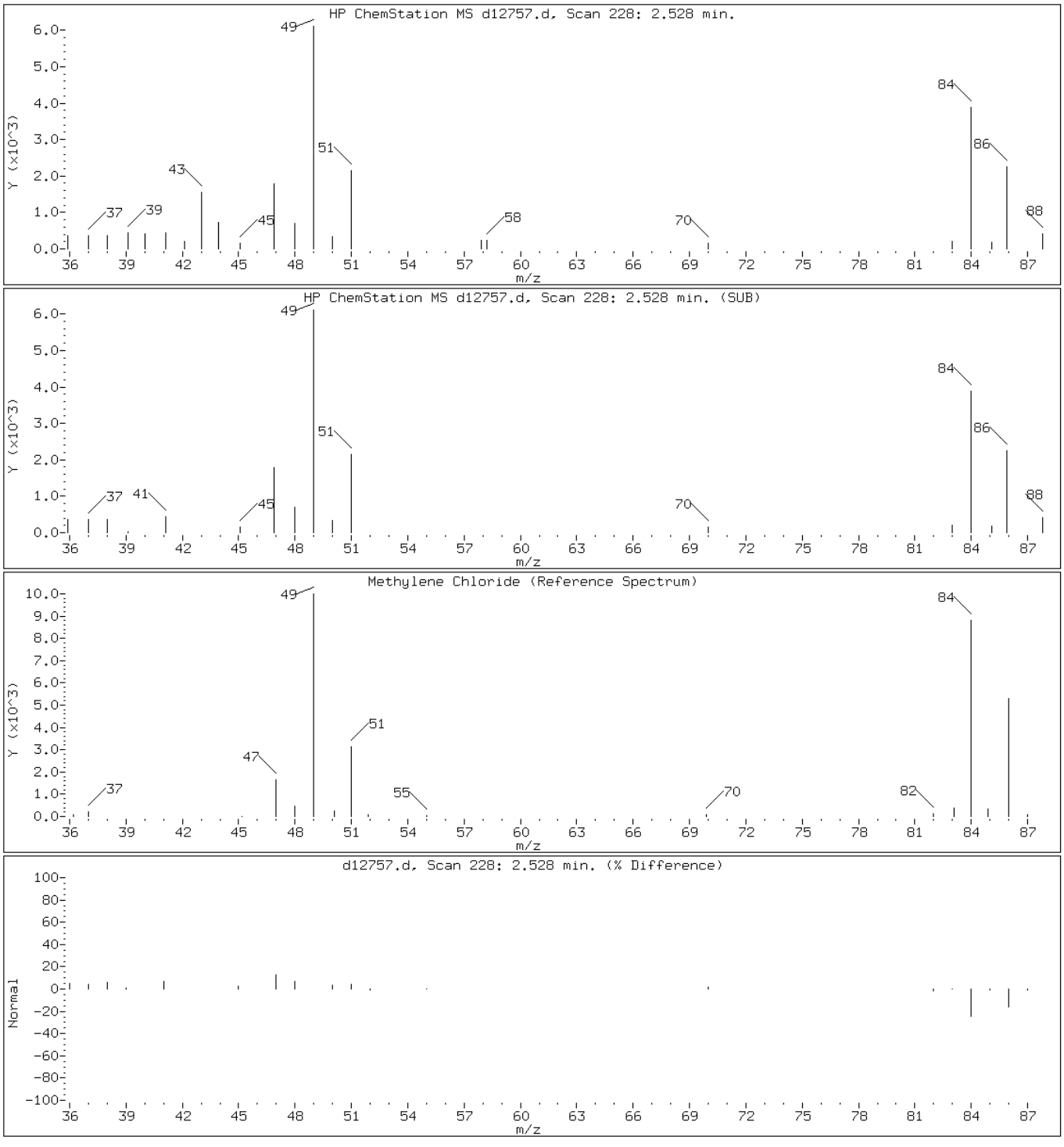
Data File: d12757.d

Date: 16-SEP-2011 03:28

Client ID: PMP-8-WT-S (7.0-7.5 Instrument: VOAMS4.i

Sample Info: 460-30837-D-26-A;;;6.03;5 Operator: VOAMS 9

6 Methylene Chloride



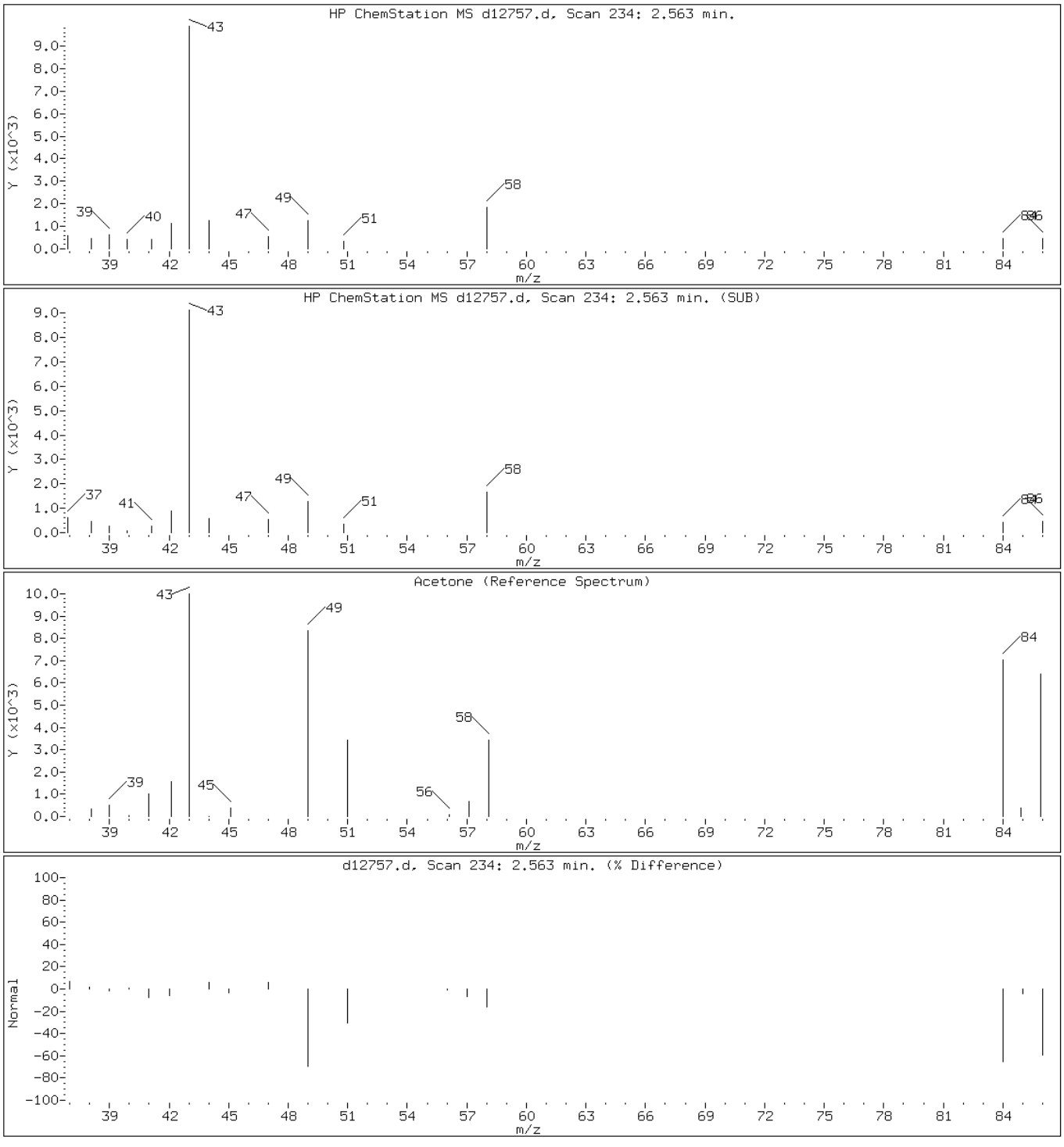
Data File: d12757.d

Date: 16-SEP-2011 03:28

Client ID: PMP-8-WT-S (7.0-7.5 Instrument: VOAMS4.i

Sample Info: 460-30837-D-26-A;;;6.03;5 Operator: VOAMS 9

7 Acetone



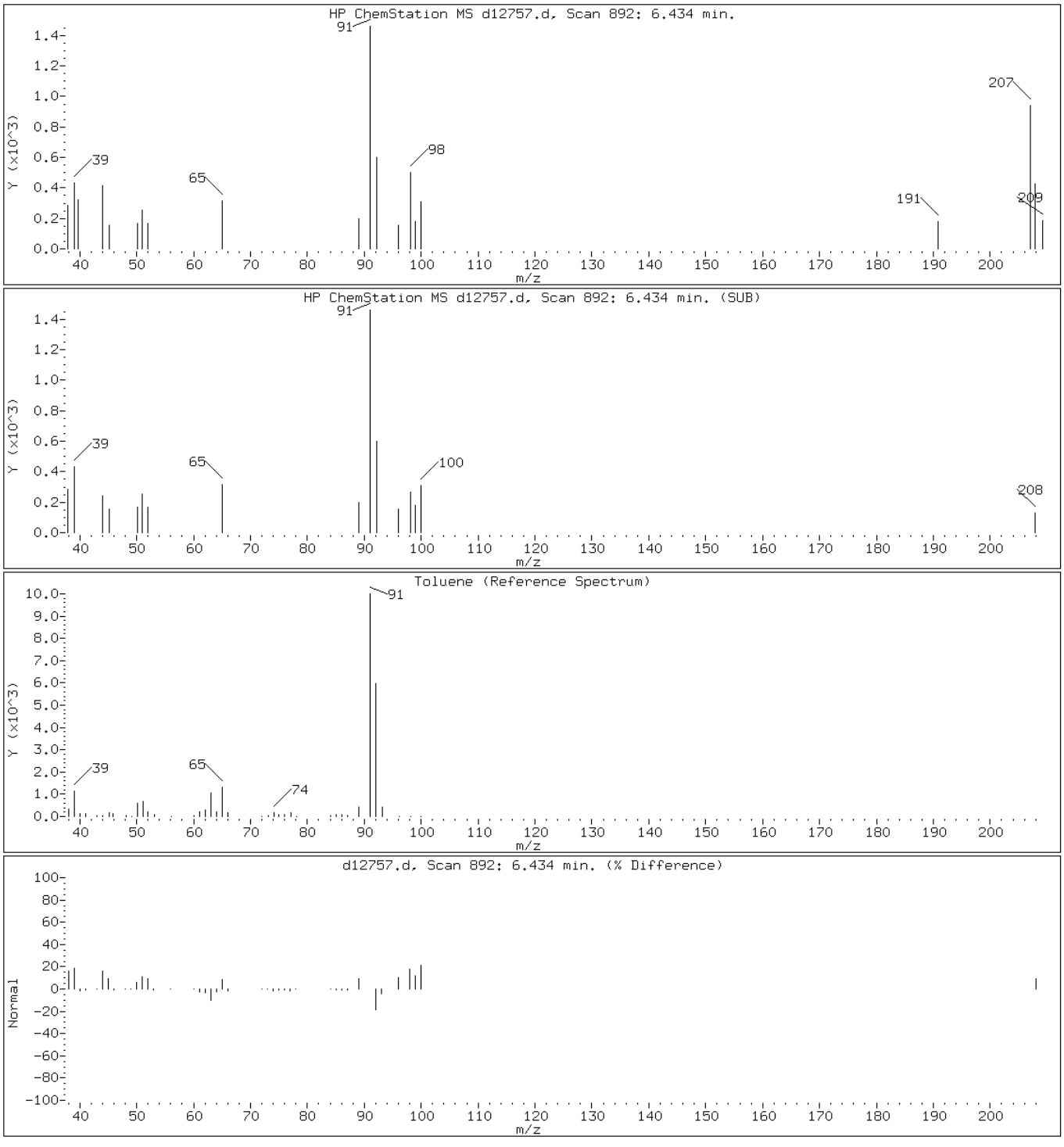
Data File: d12757.d

Date: 16-SEP-2011 03:28

Client ID: PMP-8-WT-S (7.0-7.5 Instrument: VOAMS4.i

Sample Info: 460-30837-D-26-A;;;6.03;5 Operator: VOAMS 9

38 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-4-VS-S (0.5-1.0) | Lab Sample ID: 460-30837-27

Matrix: Solid | Lab File ID: d12776.d

Analysis Method: 8260B | Date Collected: 09/09/2011 10:30

Sample wt/vol: 6.26(g) | Date Analyzed: 09/16/2011 11:34

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 7.9 | Level: (low/med) Low

Analysis Batch No.: 86306 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.87	U	0.87	0.55
74-83-9	Bromomethane	0.87	U	0.87	0.35
75-01-4	Vinyl chloride	0.87	U	0.87	0.20
75-00-3	Chloroethane	0.87	U	0.87	0.35
75-09-2	Methylene Chloride	4.5	B	0.87	0.41
67-64-1	Acetone	12	B	8.7	3.2
75-15-0	Carbon disulfide	0.87	U	0.87	0.40
75-69-4	Trichlorofluoromethane	0.87	U	0.87	0.23
75-35-4	1,1-Dichloroethene	0.87	U	0.87	0.32
75-34-3	1,1-Dichloroethane	0.87	U	0.87	0.22
156-60-5	trans-1,2-Dichloroethene	0.87	U	0.87	0.25
156-59-2	cis-1,2-Dichloroethene	0.87	U	0.87	0.20
67-66-3	Chloroform	0.87	U	0.87	0.21
78-93-3	2-Butanone	8.7	U	8.7	0.49
107-06-2	1,2-Dichloroethane	0.87	U	0.87	0.34
71-55-6	1,1,1-Trichloroethane	0.87	U	0.87	0.16
56-23-5	Carbon tetrachloride	0.87	U	0.87	0.088
71-43-2	Benzene	0.87	U	0.87	0.64
75-25-2	Bromoform	0.87	U	0.87	0.61
100-42-5	Styrene	0.87	U	0.87	0.30
100-41-4	Ethylbenzene	0.35	J	0.87	0.17
108-90-7	Chlorobenzene	0.87	U	0.87	0.42
110-82-7	Cyclohexane	0.87	U	0.87	0.19
98-82-8	Isopropylbenzene	0.87	U	0.87	0.22
591-78-6	2-Hexanone	8.7	U	8.7	1.5
1634-04-4	MTBE	0.87	U	0.87	0.30
76-13-1	Freon TF	0.87	U	0.87	0.41
79-20-9	Methyl acetate	0.87	U	0.87	0.78
123-91-1	1,4-Dioxane	43	U	43	3.6
79-01-6	Trichloroethene	1.2		0.87	0.31
108-88-3	Toluene	0.56	J	0.87	0.26
10061-02-6	trans-1,3-Dichloropropene	0.87	U	0.87	0.19
108-10-1	4-Methyl-2-pentanone	8.7	U	8.7	0.62
10061-01-5	cis-1,3-Dichloropropene	0.87	U	0.87	0.17
95-50-1	1,2-Dichlorobenzene	0.78	J	0.87	0.55
541-73-1	1,3-Dichlorobenzene	0.87	U	0.87	0.42

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-4-VS-S (0.5-1.0) | Lab Sample ID: 460-30837-27

Matrix: Solid | Lab File ID: d12776.d

Analysis Method: 8260B | Date Collected: 09/09/2011 10:30

Sample wt/vol: 6.26(g) | Date Analyzed: 09/16/2011 11:34

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 7.9 | Level: (low/med) Low

Analysis Batch No.: 86306 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.74	J	0.87	0.62
120-82-1	1,2,4-Trichlorobenzene	6.0		0.87	0.46
87-61-6	1,2,3-Trichlorobenzene	4.3		0.87	0.56
78-87-5	1,2-Dichloropropane	0.87	U	0.87	0.28
108-87-2	Methylcyclohexane	0.87	U	0.87	0.24
127-18-4	Tetrachloroethene	0.94		0.87	0.29
1330-20-7	Xylenes, Total	0.80	J	2.6	0.68
96-12-8	1,2-Dibromo-3-Chloropropane	0.87	U	0.87	0.53
79-34-5	1,1,2,2-Tetrachloroethane	0.87	U	0.87	0.66
79-00-5	1,1,2-Trichloroethane	0.87	U	0.87	0.51
124-48-1	Dibromochloromethane	0.87	U	0.87	0.49
106-93-4	1,2-Dibromoethane	0.87	U	0.87	0.45
75-71-8	Dichlorodifluoromethane	0.87	U	0.87	0.35
74-97-5	Bromochloromethane	0.87	U	0.87	0.24
75-27-4	Bromodichloromethane	0.87	U	0.87	0.26

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-138
2037-26-5	Toluene-d8 (Surr)	95		66-126
460-00-4	Bromofluorobenzene	103		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-4-VS-S (0.5-1.0) | Lab Sample ID: 460-30837-27

Matrix: Solid | Lab File ID: d12776.d

Analysis Method: 8260B | Date Collected: 09/09/2011 10:30

Sample wt/vol: 6.26(g) | Date Analyzed: 09/16/2011 11:34

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 7.9 | Level: (low/med) Low

Analysis Batch No.: 86306 | Units: ug/Kg

Number TICs Found: 4 | TIC Result Total: 53.6

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	12.73	11	J
	Tetrachlorobenzene isomer	13.33	28	J
	Unknown-1	13.56	6.7	J
	Unknown-2	13.74	7.9	J

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/16sep11.b/d12776.d
Report Date: 16-Sep-2011 12:50

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/16sep11.b/d12776.d
Lab Smp Id: 460-30837-D-27-A Client Smp ID: PMP-4-VS-S (0.5-1.0
Inj Date : 16-SEP-2011 11:34
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-30837-D-27-A;;;6.26;5
Misc Info : 460-30837-D-27-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/09-03-11/16sep11.b/8260L_10.m
Meth Date : 16-Sep-2011 06:01 audberto Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.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	6.26000	Weight of sample extracted (g)
M	7.94824	% 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	2.563	2.563	(0.552)	19902	14.3385	12
	6 Methylene Chloride	84	2.528	2.516	(0.544)	18316	5.17395	4.5
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.375	4.375	(0.942)	229196	49.5304	43
*	69 Fluorobenzene	96	4.646	4.646	(1.000)	485825	50.0000	
	25 Trichloroethene	95	4.810	4.810	(1.035)	5004	1.43403	1.2
$	37 Toluene-d8 (SUR)	98	6.363	6.363	(0.793)	465659	47.2681	41
	38 Toluene	91	6.428	6.428	(0.801)	8359	0.64464	0.56(a)
	35 Tetrachloroethene	166	6.869	6.869	(0.856)	3877	1.07924	0.94
*	32 Chlorobenzene-d5	117	8.022	8.028	(1.000)	336468	50.0000	
	40 Ethylbenzene	106	8.092	8.092	(1.009)	1734	0.39878	0.35(a)
	43 m+p-Xylene	106	8.233	8.234	(1.026)	5097	0.92996	0.81(a)
$	41 Bromofluorobenzene (SUR)	174	9.104	9.104	(0.912)	171361	51.6404	45
*	91 1,4-Dichlorobenzene-d4	152	9.980	9.980	(1.000)	163796	50.0000	
	68 1,4-Dichlorobenzene	146	9.992	9.992	(1.001)	5799	0.84968	0.74(a)

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/16sep11.b/d12776.d
Report Date: 16-Sep-2011 12:50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	69 1,2-Dichlorobenzene	146	10.304	10.304	(1.032)	6148	0.90133	0.78(a)
	93 1,2,4-Trichlorobenzene	180	11.380	11.380	(1.140)	43132	6.93507	6.0
	98 1,2,3-Trichlorobenzene	180	11.780	11.780	(1.180)	31204	4.98629	4.3
M	45 Xylene (Total)	100				5097	0.92128	0.80(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/16sep11.b/d12776.d
Report Date: 16-Sep-2011 12:50

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/16sep11.b/d12776.d
Lab Smp Id: 460-30837-D-27-A Client Smp ID: PMP-4-VS-S (0.5-1.0
Inj Date : 16-SEP-2011 11:34
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-30837-D-27-A;;;6.26;5
Misc Info : 460-30837-D-27-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/09-03-11/16sep11.b/8260L_10.m
Meth Date : 16-Sep-2011 06:01 audberto Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.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	6.26000	Weight of sample extracted (g)
M	7.94824	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 91 1,4-Dichlorobenzene-d4	9.980	1153930	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown					CAS #:		
12.733	285529	12.3720168	11	0		0	91
Tetrachlorobenzene isomer					CAS #:		
13.327	751987	32.5837306	28	0		0	91

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/16sep11.b/d12776.d
Report Date: 16-Sep-2011 12:50

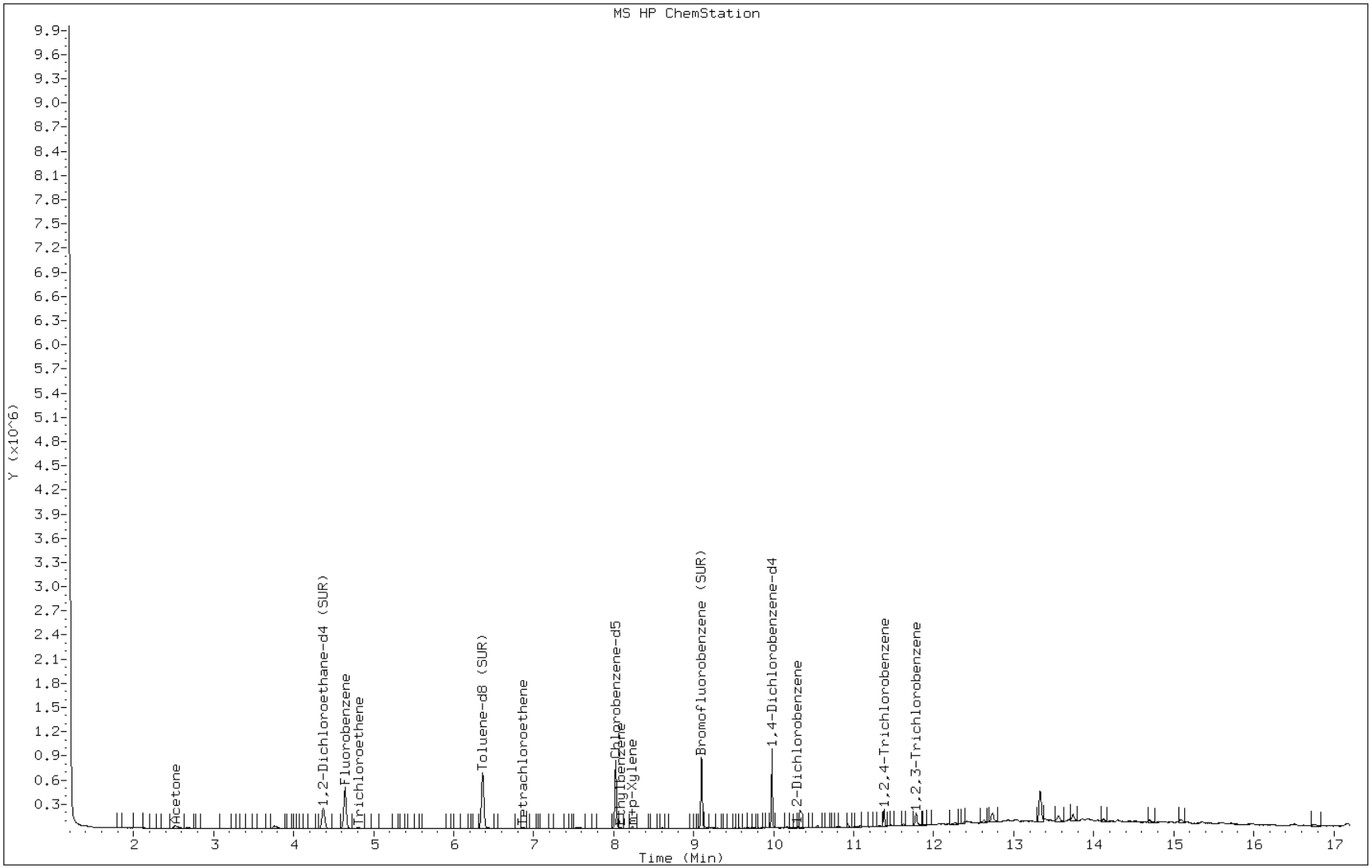
		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown-1				CAS #:			
13.563	178945	7.75370383	6.7	0		0	91
Unknown-2				CAS #:			
13.745	210247	9.11005328	7.9	0		0	91

Data File: d12776.d

Date: 16-SEP-2011 11:34

Client ID: PMP-4-VS-S (0.5-1.0 Instrument: VOAMS4.i

Sample Info: 460-30837-D-27-A;;;6.26;5 Operator: VOAMS 9



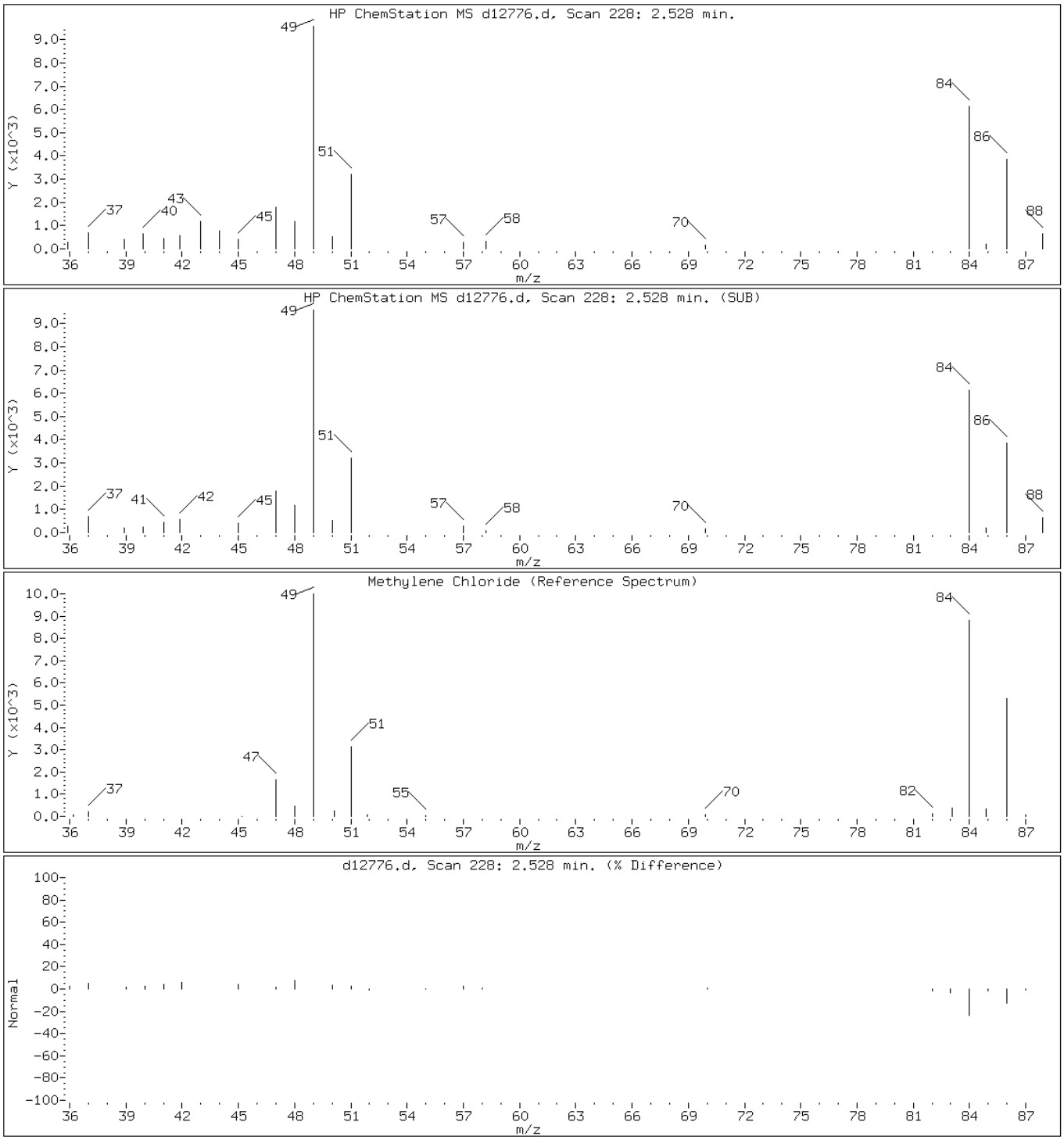
Data File: d12776.d

Date: 16-SEP-2011 11:34

Client ID: PMP-4-VS-S (0.5-1.0 Instrument: VOAMS4.i

Sample Info: 460-30837-D-27-A;;;6.26;5 Operator: VOAMS 9

6 Methylene Chloride



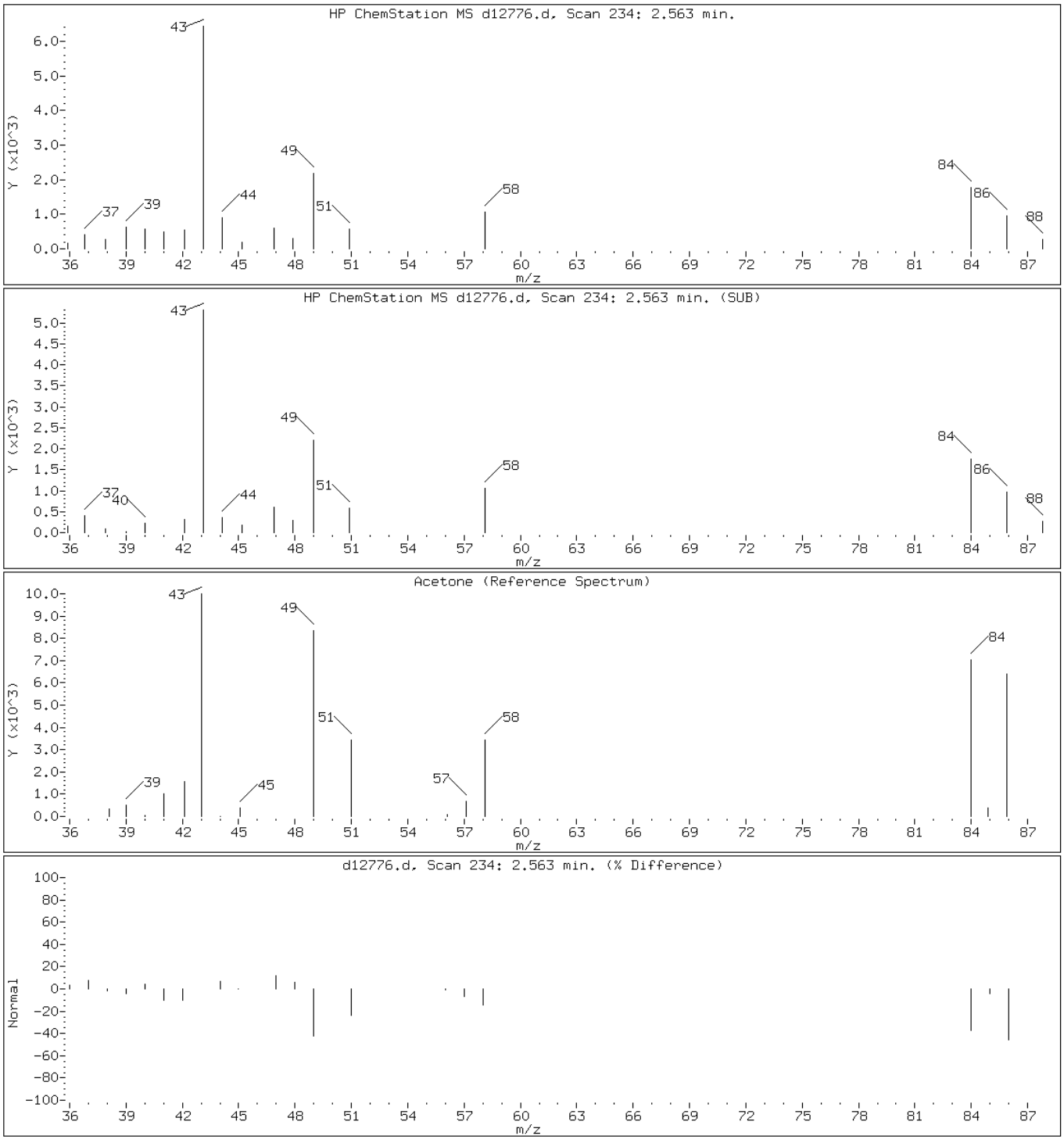
Data File: d12776.d

Date: 16-SEP-2011 11:34

Client ID: PMP-4-VS-S (0.5-1.0 Instrument: VOAMS4.i

Sample Info: 460-30837-D-27-A;;;6.26;5 Operator: VOAMS 9

7 Acetone



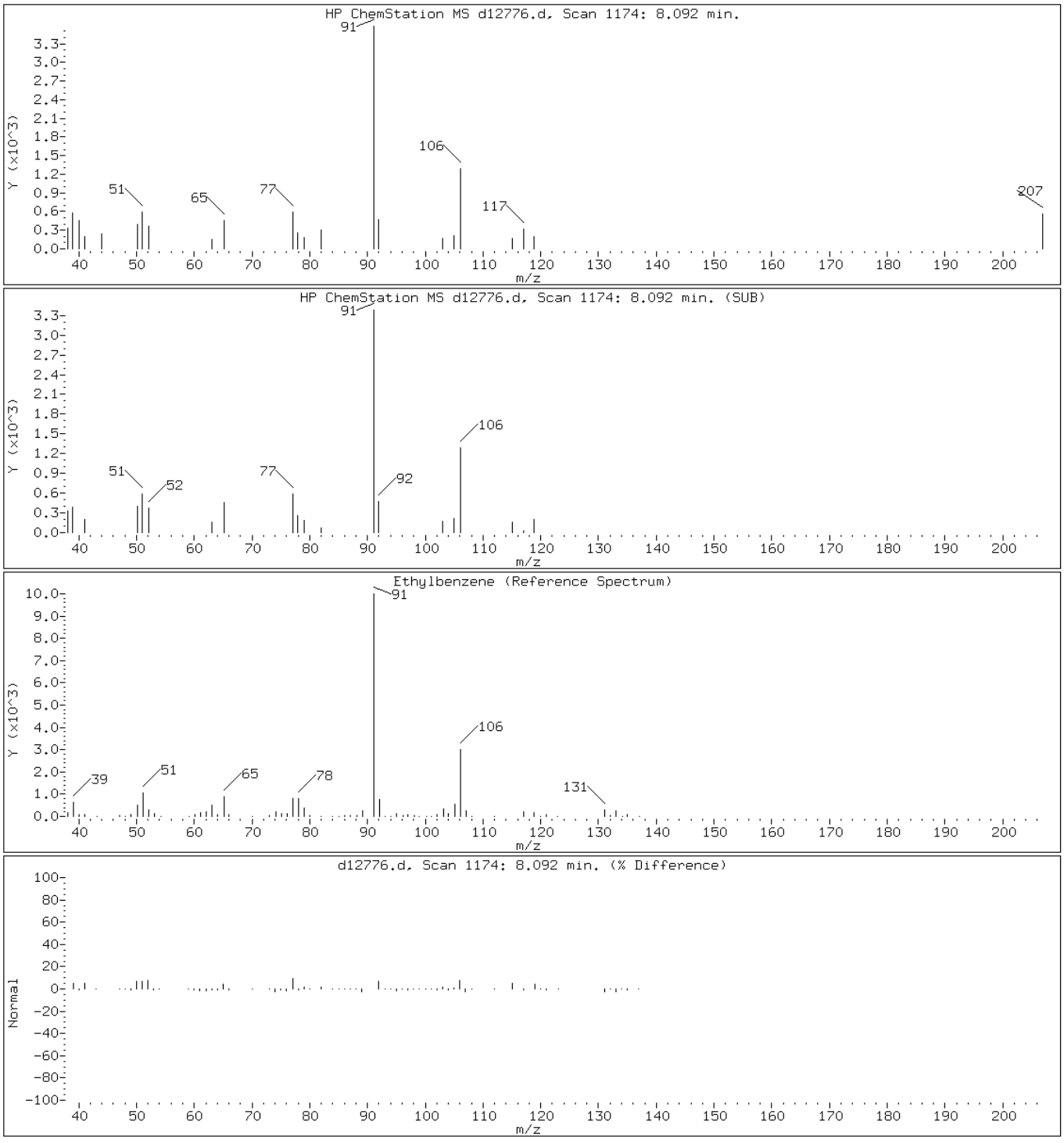
Data File: d12776.d

Date: 16-SEP-2011 11:34

Client ID: PMP-4-VS-S (0.5-1.0 Instrument: VOAMS4.i

Sample Info: 460-30837-D-27-A;;;6.26;5 Operator: VOAMS 9

40 Ethylbenzene



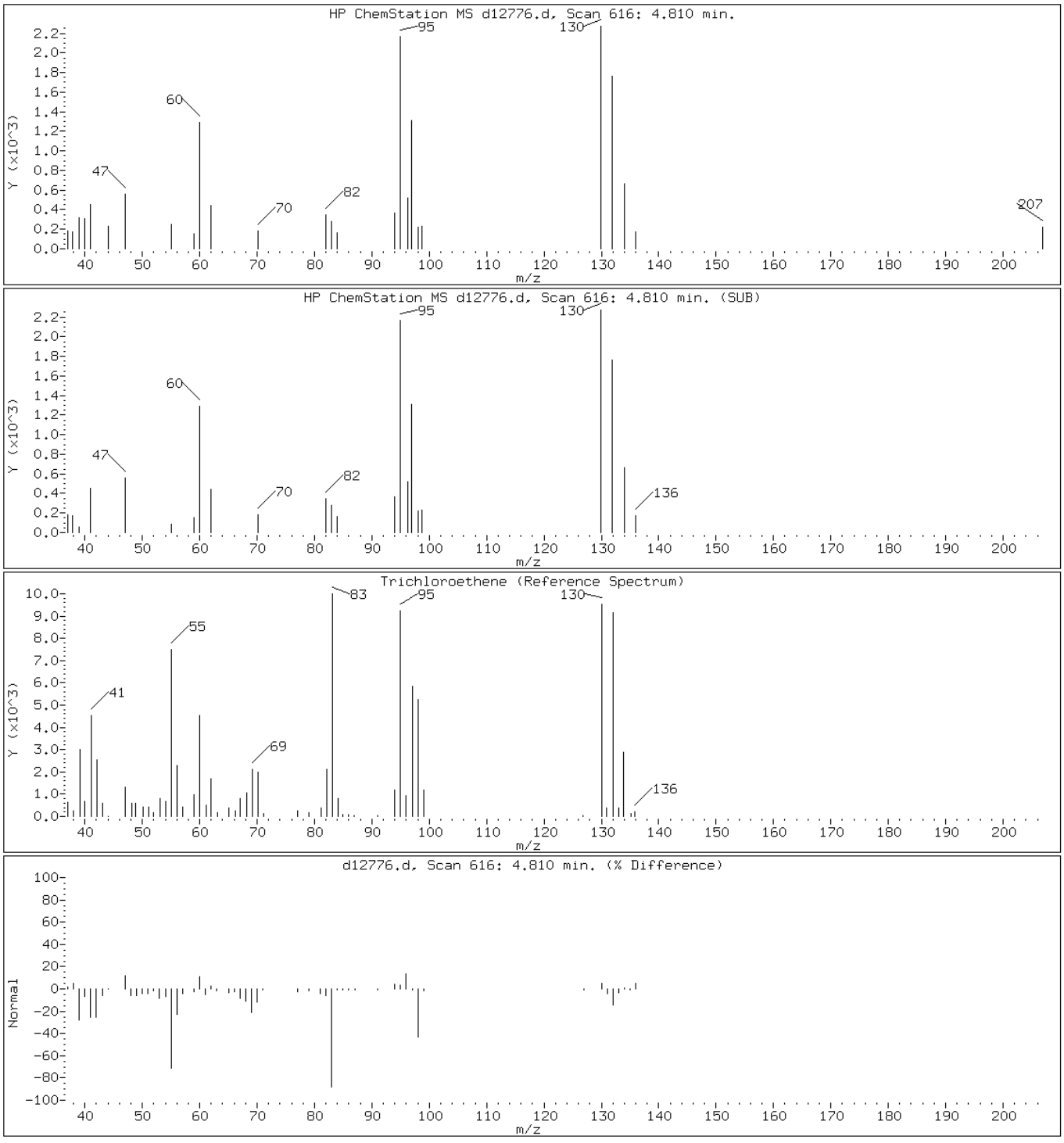
Data File: d12776.d

Date: 16-SEP-2011 11:34

Client ID: PMP-4-VS-S (0.5-1.0 Instrument: VOAMS4.i

Sample Info: 460-30837-D-27-A;;;6.26;5 Operator: VOAMS 9

25 Trichloroethene



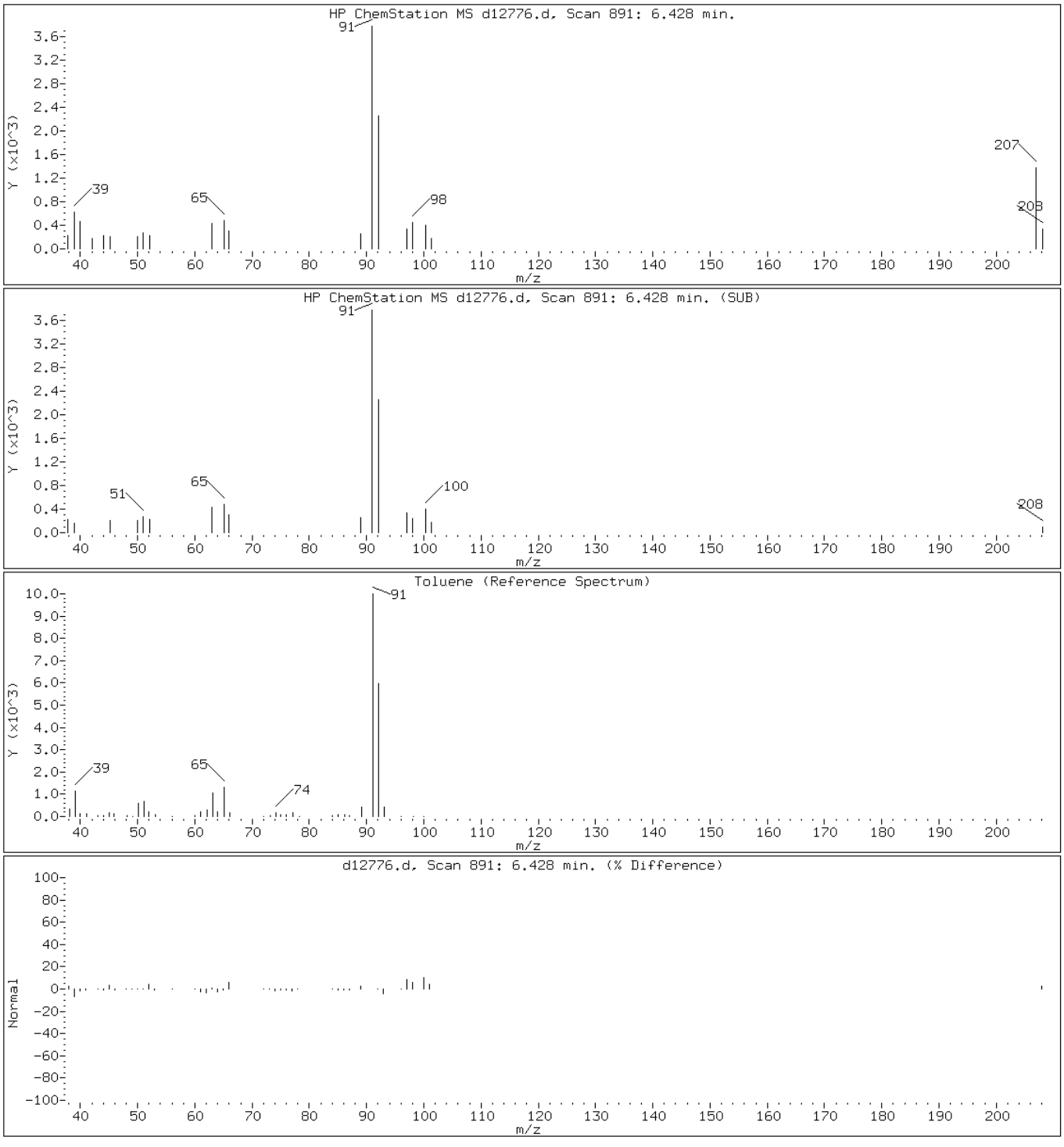
Data File: d12776.d

Date: 16-SEP-2011 11:34

Client ID: PMP-4-VS-S (0.5-1.0 Instrument: VOAMS4.i

Sample Info: 460-30837-D-27-A;;;6.26;5 Operator: VOAMS 9

38 Toluene



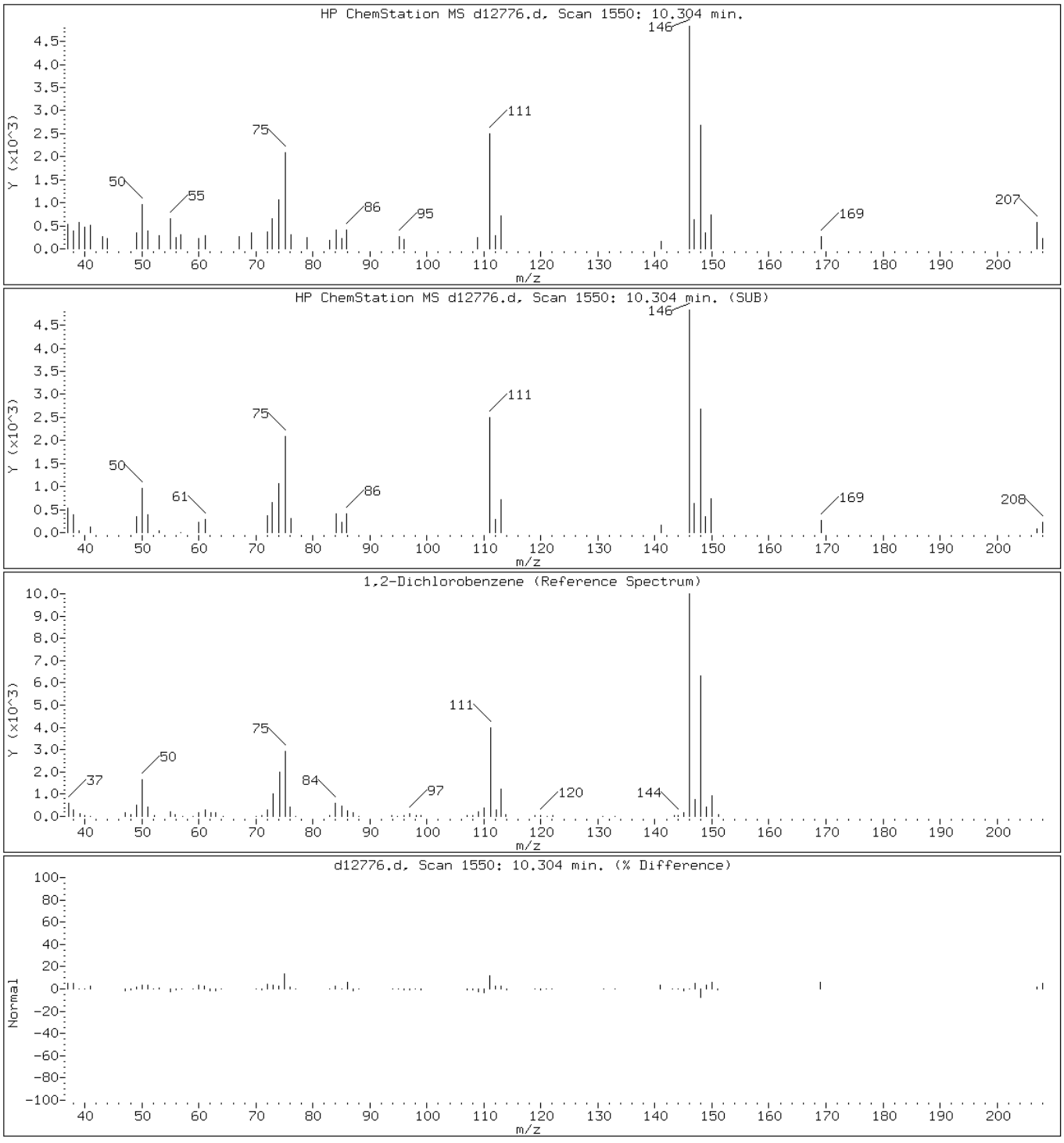
Data File: d12776.d

Date: 16-SEP-2011 11:34

Client ID: PMP-4-VS-S (0.5-1.0 Instrument: VOAMS4.i

Sample Info: 460-30837-D-27-A;;;6.26;5 Operator: VOAMS 9

69 1,2-Dichlorobenzene



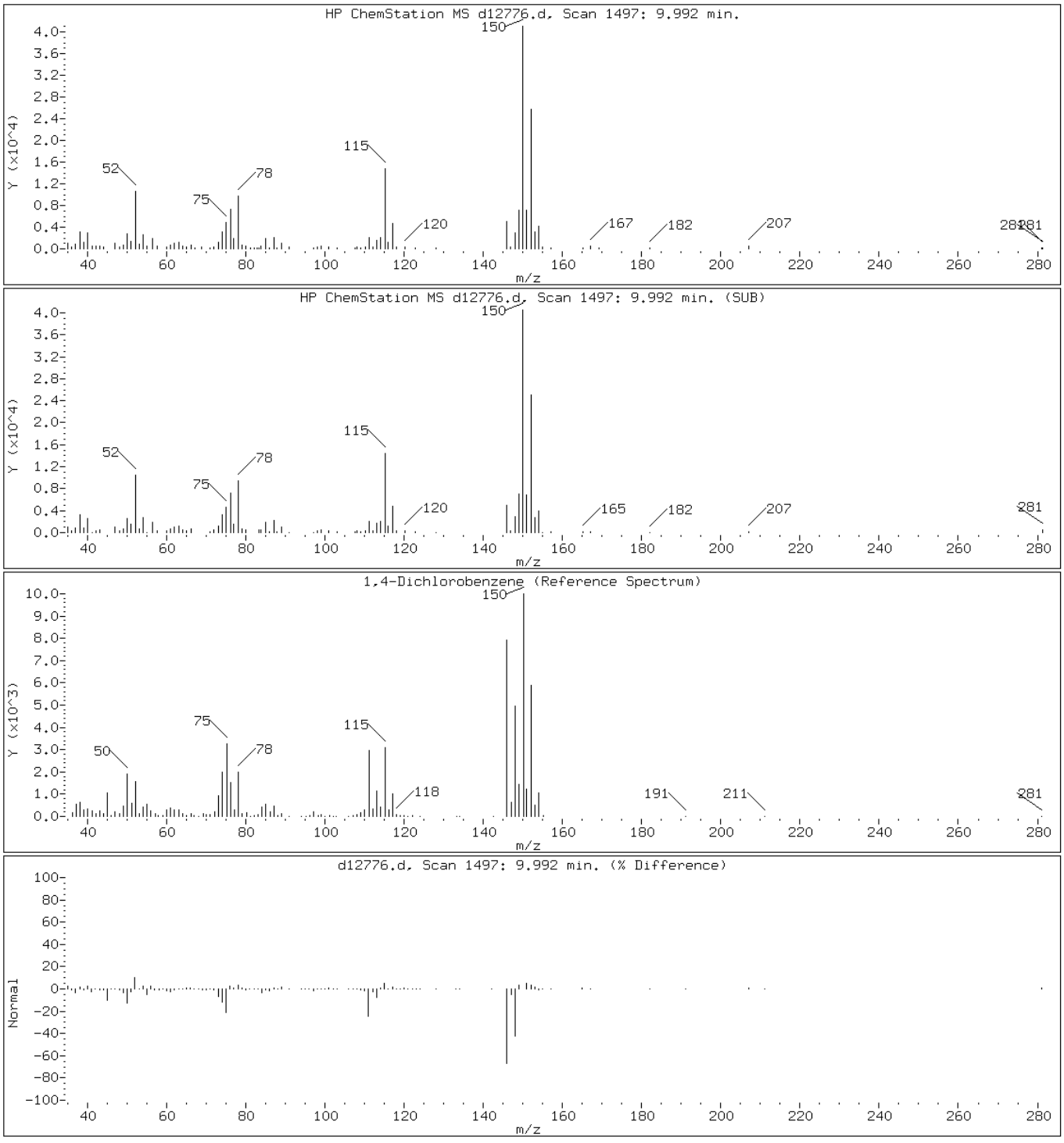
Data File: d12776.d

Date: 16-SEP-2011 11:34

Client ID: PMP-4-VS-S (0.5-1.0 Instrument: VOAMS4.i

Sample Info: 460-30837-D-27-A;;;6.26;5 Operator: VOAMS 9

68 1,4-Dichlorobenzene



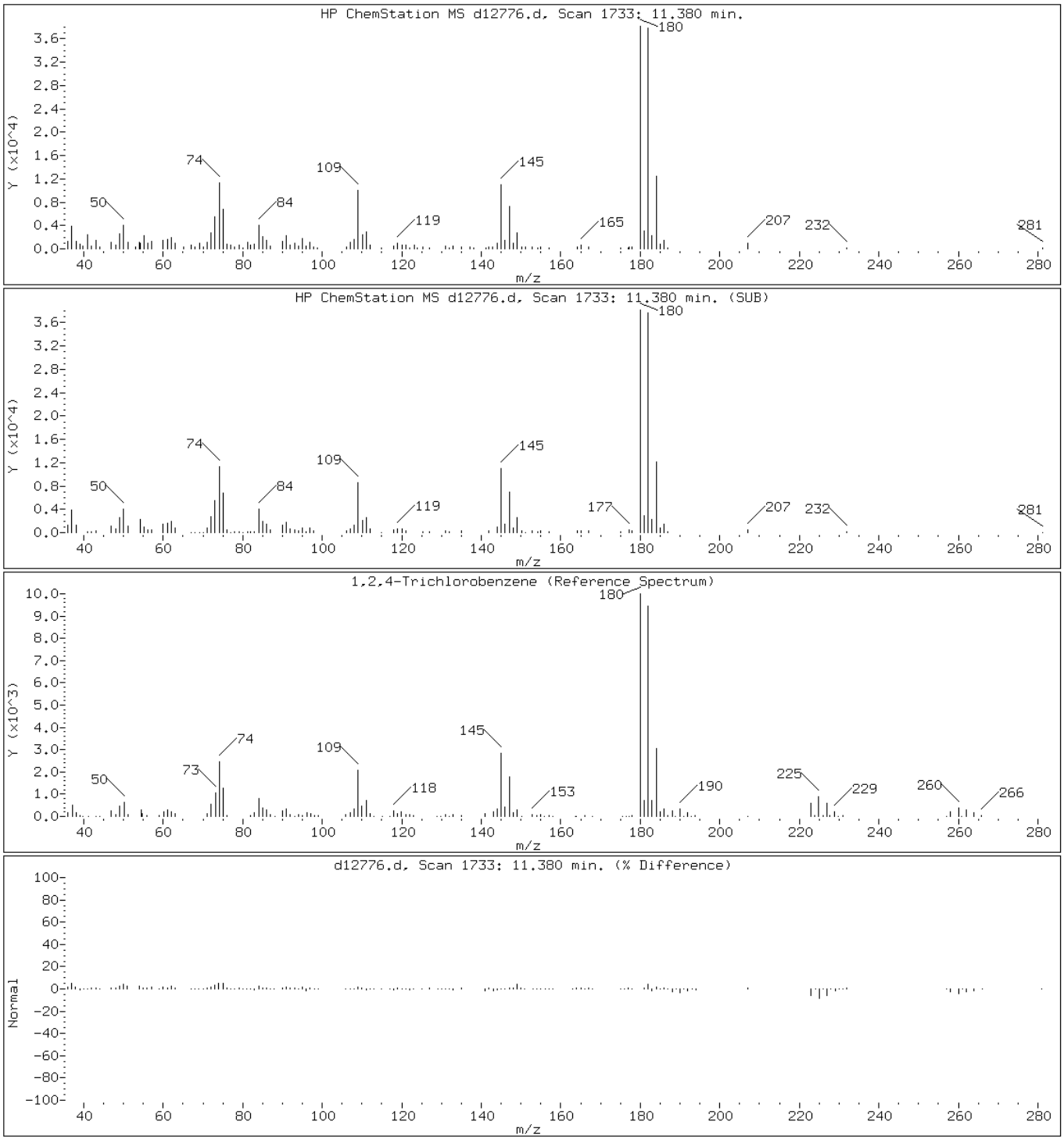
Data File: d12776.d

Date: 16-SEP-2011 11:34

Client ID: PMP-4-VS-S (0.5-1.0 Instrument: VOAMS4.i

Sample Info: 460-30837-D-27-A;;;6.26;5 Operator: VOAMS 9

93 1,2,4-Trichlorobenzene



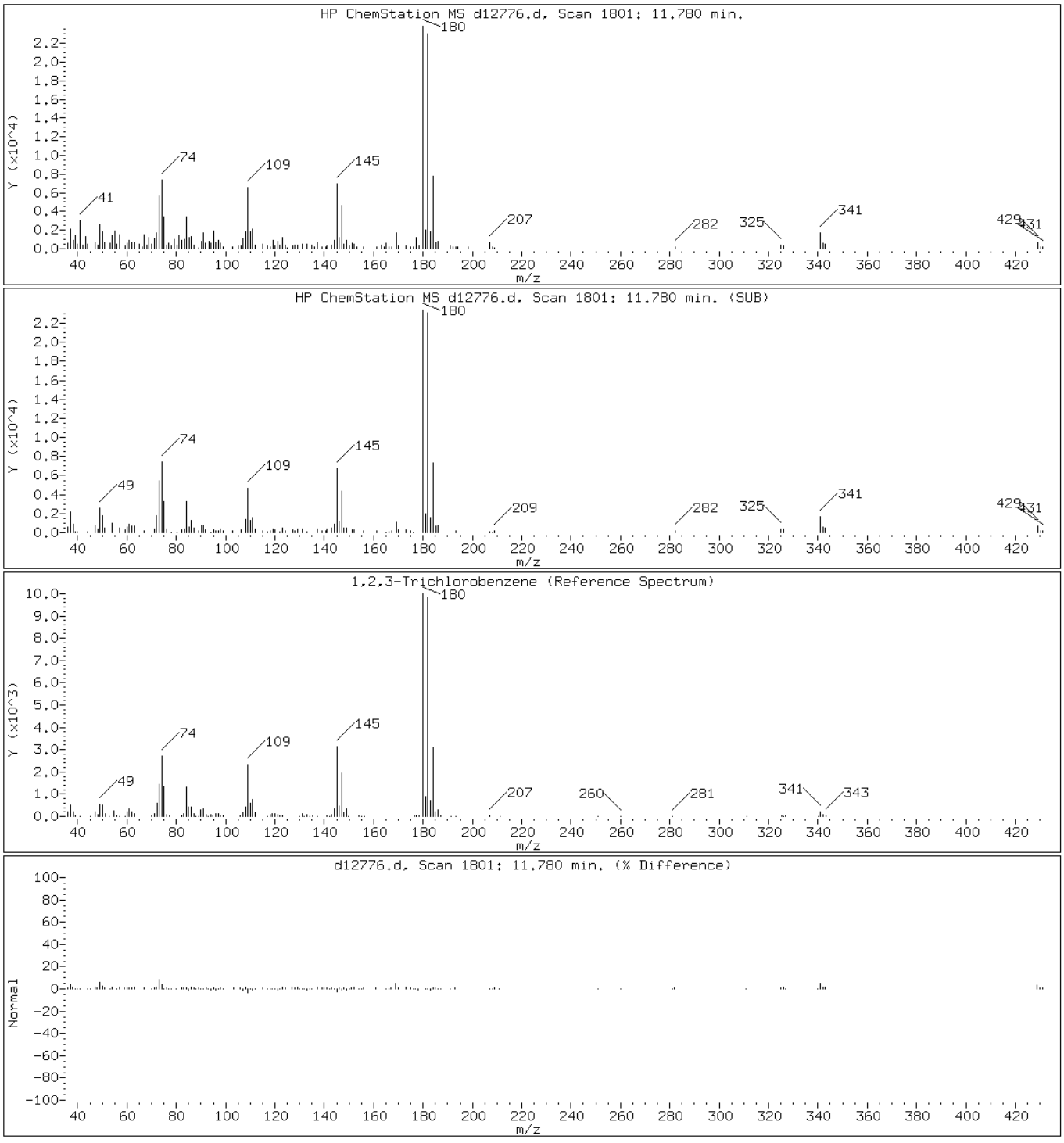
Data File: d12776.d

Date: 16-SEP-2011 11:34

Client ID: PMP-4-VS-S (0.5-1.0 Instrument: VOAMS4.i

Sample Info: 460-30837-D-27-A;;;6.26;5 Operator: VOAMS 9

98 1,2,3-Trichlorobenzene



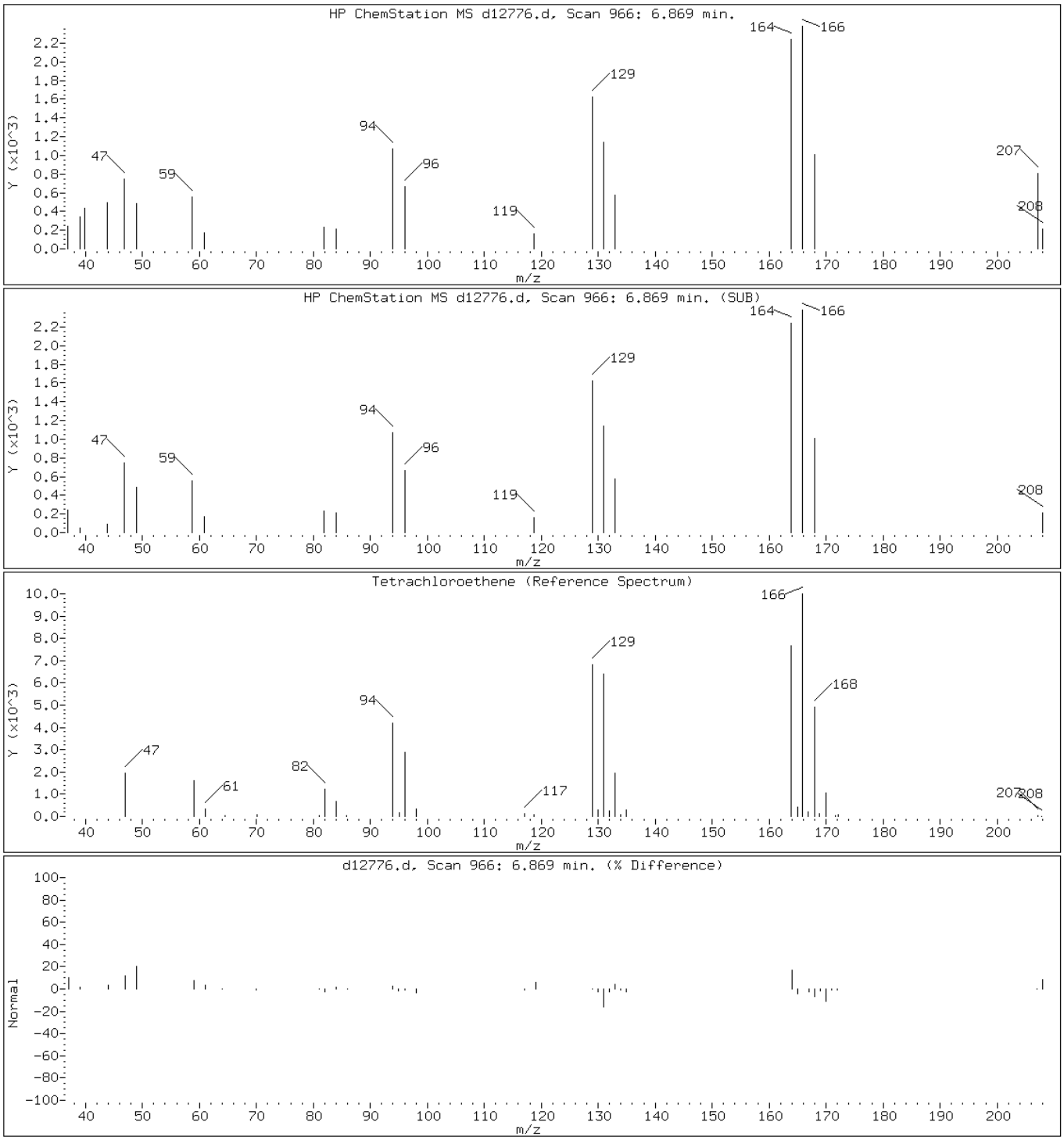
Data File: d12776.d

Date: 16-SEP-2011 11:34

Client ID: PMP-4-VS-S (0.5-1.0 Instrument: VOAMS4.i

Sample Info: 460-30837-D-27-A;;;6.26;5 Operator: VOAMS 9

35 Tetrachloroethene



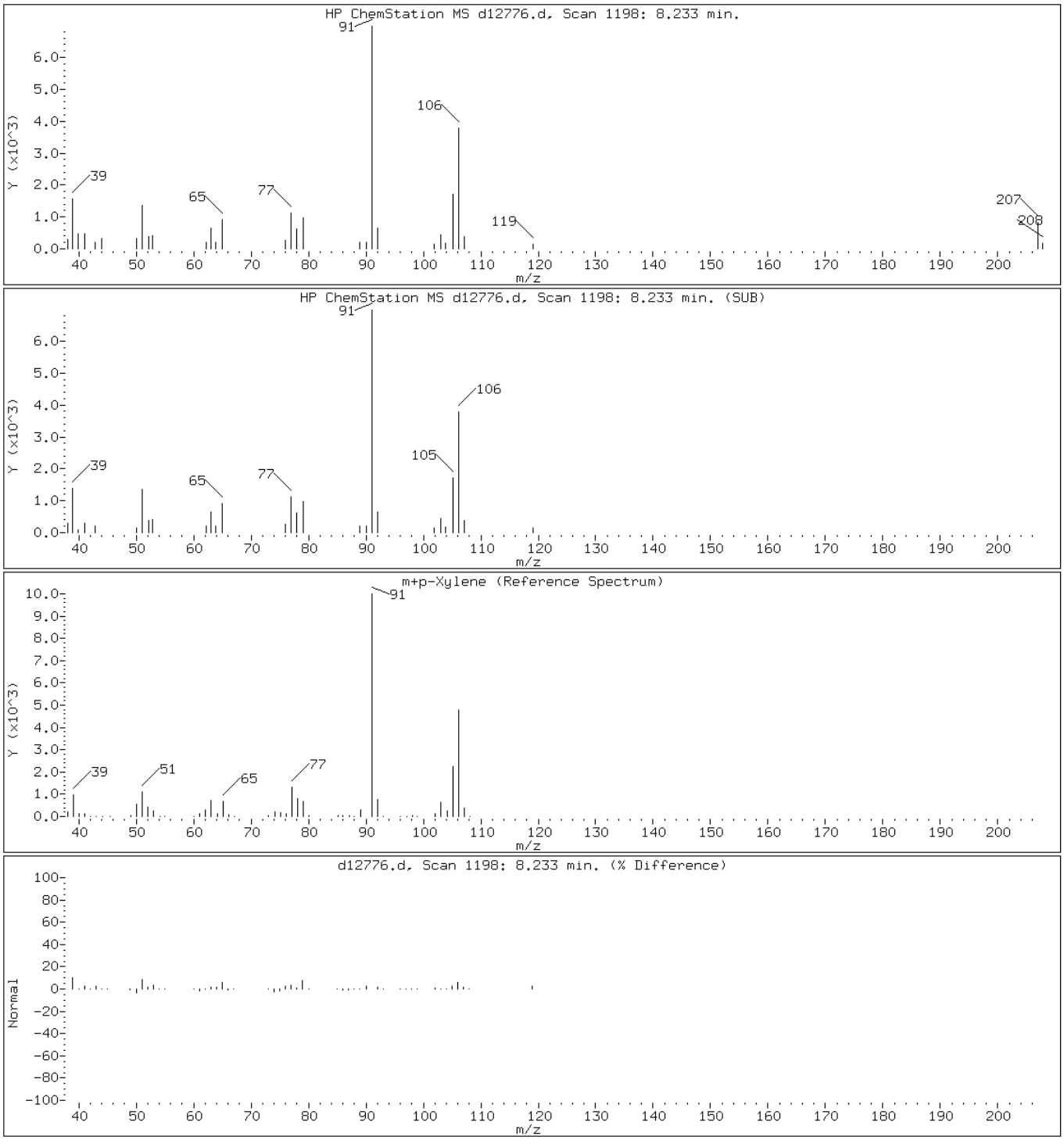
Data File: d12776.d

Date: 16-SEP-2011 11:34

Client ID: PMP-4-VS-S (0.5-1.0 Instrument: VOAMS4.i

Sample Info: 460-30837-D-27-A;;;6.26;5 Operator: VOAMS 9

43 m+p-Xylene



Data File: d12776.d

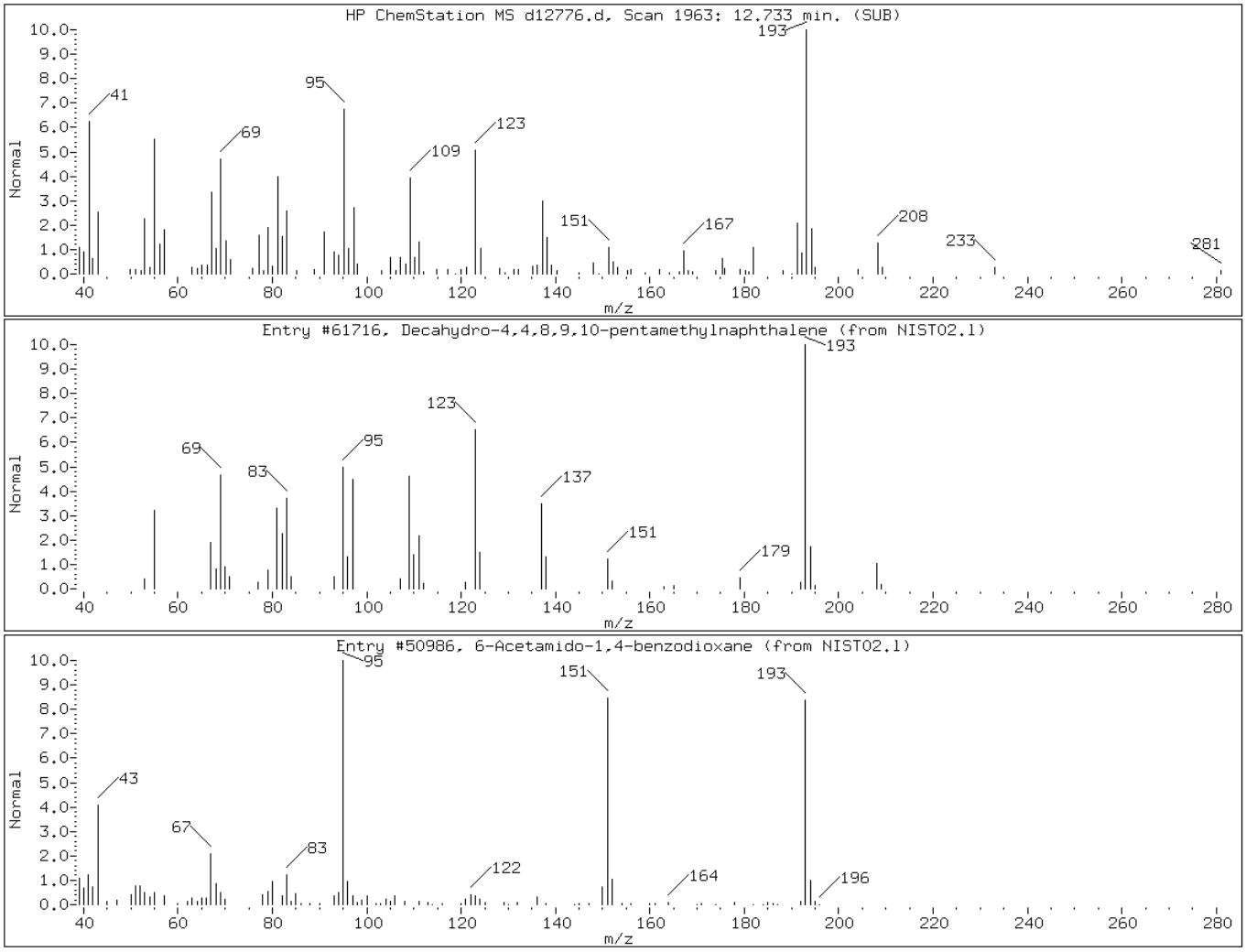
Date: 16-SEP-2011 11:34

Client ID: PMP-4-VS-S (0.5-1.0 Instrument: VOAMS4.i

Sample Info: 460-30837-D-27-A;;;6.26;5 Operator: VOAMS 9

Retention Time: 12.73

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	45	C15H28	208
6-Acetamido-1,4-benzodioxane	63546-19-0	NIST02.l	50986	35	C10H11NO3	193



Data File: d12776.d

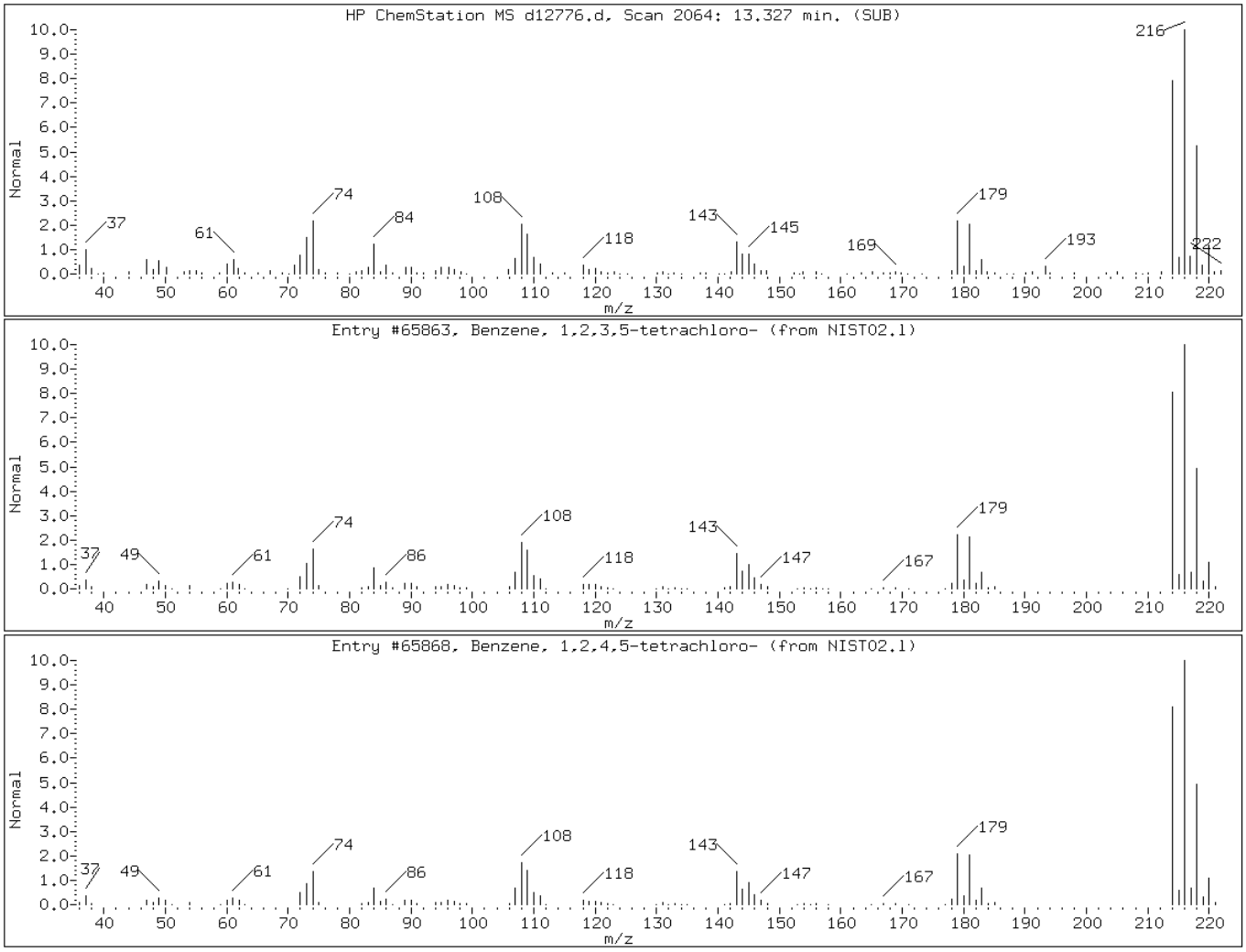
Date: 16-SEP-2011 11:34

Client ID: PMP-4-VS-S (0.5-1.0 Instrument: VOAMS4.i

Sample Info: 460-30837-D-27-A;;;6.26;5 Operator: VOAMS 9

Retention Time: 13.33

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachlorobenzene isomer						
Benzene, 1,2,3,5-tetrachloro-	634-90-2	NIST02.l	65863	99	C6H2Cl4	214
Benzene, 1,2,4,5-tetrachloro-	95-94-3	NIST02.l	65868	99	C6H2Cl4	214



Data File: d12776.d

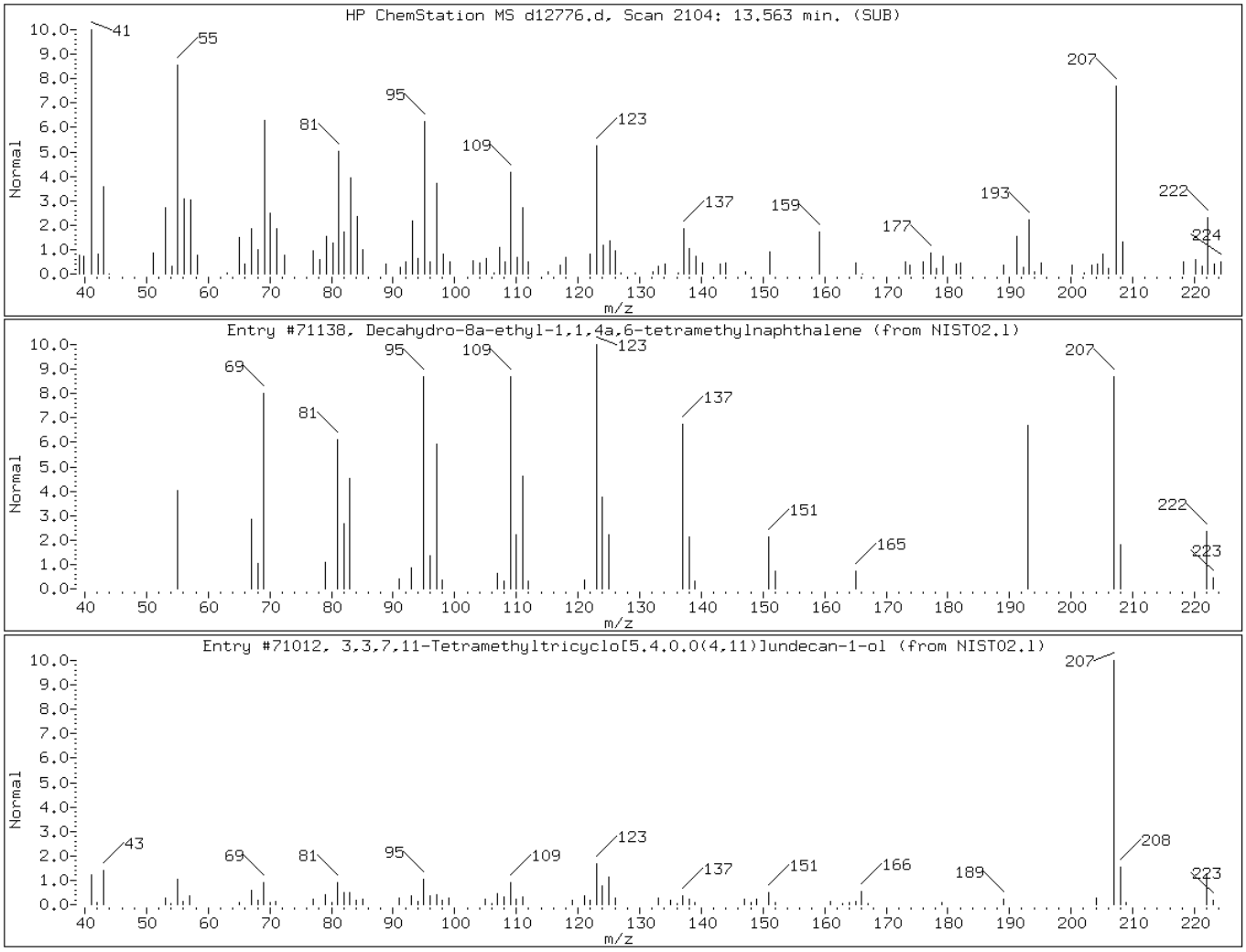
Date: 16-SEP-2011 11:34

Client ID: PMP-4-VS-S (0.5-1.0 Instrument: VOAMS4.i

Sample Info: 460-30837-D-27-A;;;6.26;5 Operator: VOAMS 9

Retention Time: 13.56

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	83	C16H30	222
3,3,7,11-Tetramethyltricyclo[5.4.0	117591-80-7	NIST02.l	71012	64	C15H26O	222



Data File: d12776.d

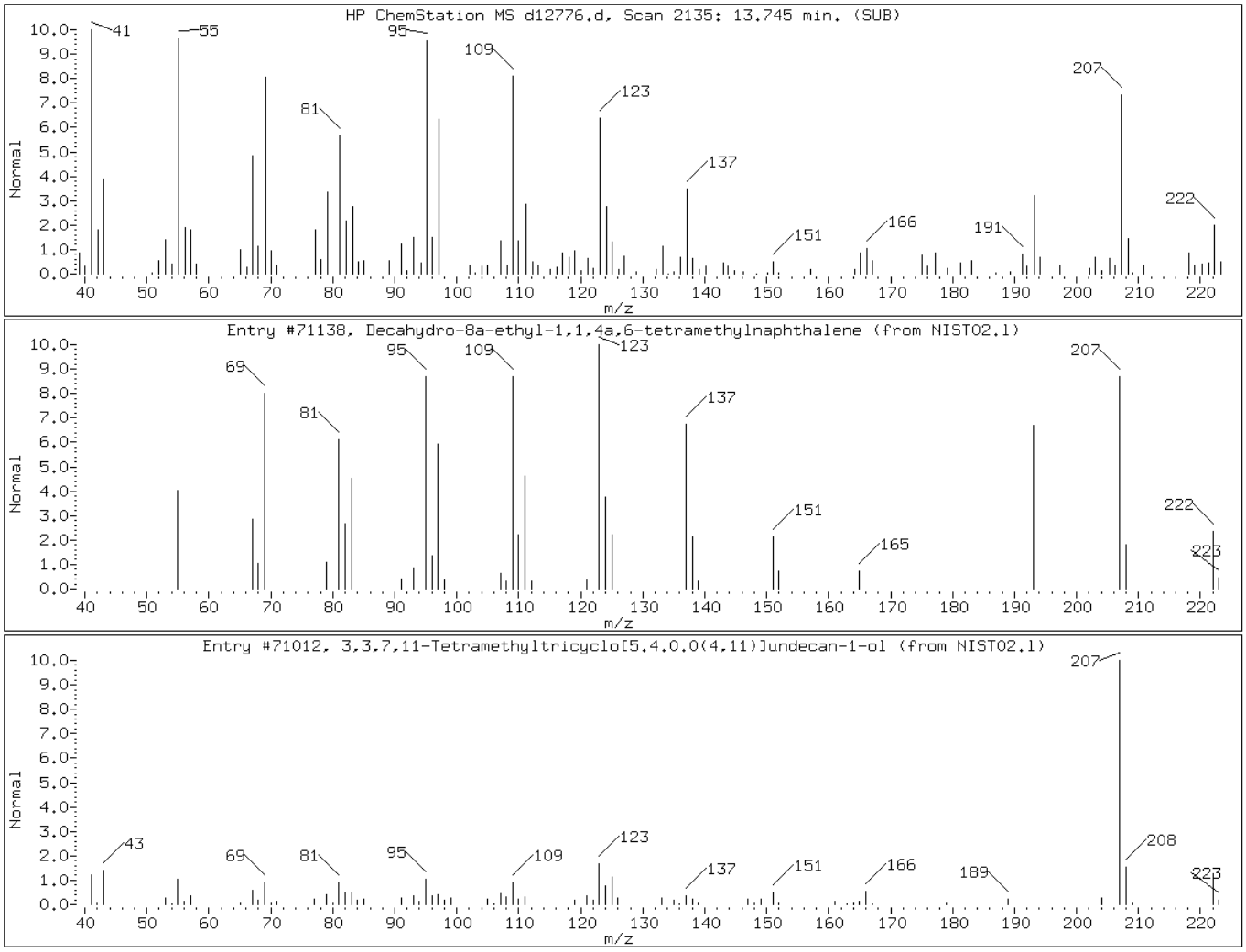
Date: 16-SEP-2011 11:34

Client ID: PMP-4-VS-S (0.5-1.0 Instrument: VOAMS4.i

Sample Info: 460-30837-D-27-A;;;6.26;5 Operator: VOAMS 9

Retention Time: 13.74

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
Decahydro-8a-ethyl-1,1,4a,6-tetram	1000100-23-6	NIST02.l	71138	74	C16H30	222
3,3,7,11-Tetramethyltricyclo[5.4.0	117591-80-7	NIST02.l	71012	49	C15H26O	222



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-4-VD-S (2.5-3.0) | Lab Sample ID: 460-30837-28

Matrix: Solid | Lab File ID: d12780.d

Analysis Method: 8260B | Date Collected: 09/09/2011 10:35

Sample wt/vol: 5.64(g) | Date Analyzed: 09/16/2011 13:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.0 | Level: (low/med) Low

Analysis Batch No.: 86306 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.92	U	0.92	0.59
74-83-9	Bromomethane	0.92	U	0.92	0.38
75-01-4	Vinyl chloride	0.92	U	0.92	0.22
75-00-3	Chloroethane	0.92	U	0.92	0.37
75-09-2	Methylene Chloride	3.6	B	0.92	0.43
67-64-1	Acetone	32	B	9.2	3.4
75-15-0	Carbon disulfide	0.92	U	0.92	0.43
75-69-4	Trichlorofluoromethane	0.92	U	0.92	0.24
75-35-4	1,1-Dichloroethene	0.92	U	0.92	0.34
75-34-3	1,1-Dichloroethane	0.92	U	0.92	0.23
156-60-5	trans-1,2-Dichloroethene	0.92	U	0.92	0.26
156-59-2	cis-1,2-Dichloroethene	0.92	U	0.92	0.22
67-66-3	Chloroform	0.92	U	0.92	0.22
78-93-3	2-Butanone	9.2	U	9.2	0.53
107-06-2	1,2-Dichloroethane	0.92	U	0.92	0.36
71-55-6	1,1,1-Trichloroethane	0.92	U	0.92	0.17
56-23-5	Carbon tetrachloride	0.92	U	0.92	0.093
71-43-2	Benzene	0.92	U	0.92	0.68
75-25-2	Bromoform	0.92	U	0.92	0.65
100-42-5	Styrene	0.92	U	0.92	0.32
100-41-4	Ethylbenzene	0.92	U	0.92	0.18
108-90-7	Chlorobenzene	0.92	U	0.92	0.45
110-82-7	Cyclohexane	0.92	U	0.92	0.21
98-82-8	Isopropylbenzene	0.92	U	0.92	0.24
591-78-6	2-Hexanone	9.2	U	9.2	1.5
1634-04-4	MTBE	0.92	U	0.92	0.32
76-13-1	Freon TF	0.92	U	0.92	0.44
79-20-9	Methyl acetate	0.92	U	0.92	0.83
123-91-1	1,4-Dioxane	46	U	46	3.8
79-01-6	Trichloroethene	0.92	U	0.92	0.34
108-88-3	Toluene	0.35	J	0.92	0.28
10061-02-6	trans-1,3-Dichloropropene	0.92	U	0.92	0.20
108-10-1	4-Methyl-2-pentanone	9.2	U	9.2	0.66
10061-01-5	cis-1,3-Dichloropropene	0.92	U	0.92	0.19
95-50-1	1,2-Dichlorobenzene	0.92	U	0.92	0.59
541-73-1	1,3-Dichlorobenzene	0.92	U	0.92	0.45

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-4-VD-S (2.5-3.0) | Lab Sample ID: 460-30837-28

Matrix: Solid | Lab File ID: d12780.d

Analysis Method: 8260B | Date Collected: 09/09/2011 10:35

Sample wt/vol: 5.64(g) | Date Analyzed: 09/16/2011 13:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.0 | Level: (low/med) Low

Analysis Batch No.: 86306 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.92	U	0.92	0.66
120-82-1	1,2,4-Trichlorobenzene	0.92	U	0.92	0.49
87-61-6	1,2,3-Trichlorobenzene	0.92	U	0.92	0.60
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.29
108-87-2	Methylcyclohexane	0.92	U	0.92	0.25
127-18-4	Tetrachloroethene	0.92	U	0.92	0.30
1330-20-7	Xylenes, Total	2.8	U	2.8	0.73
96-12-8	1,2-Dibromo-3-Chloropropane	0.92	U	0.92	0.56
79-34-5	1,1,2,2-Tetrachloroethane	0.92	U	0.92	0.70
79-00-5	1,1,2-Trichloroethane	0.92	U	0.92	0.55
124-48-1	Dibromochloromethane	0.92	U	0.92	0.52
106-93-4	1,2-Dibromoethane	0.92	U	0.92	0.48
75-71-8	Dichlorodifluoromethane	0.92	U	0.92	0.38
74-97-5	Bromochloromethane	0.92	U	0.92	0.25
75-27-4	Bromodichloromethane	0.92	U	0.92	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-138
2037-26-5	Toluene-d8 (Surr)	97		66-126
460-00-4	Bromofluorobenzene	95		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-4-VD-S (2.5-3.0) Lab Sample ID: 460-30837-28

Matrix: Solid Lab File ID: d12780.d

Analysis Method: 8260B Date Collected: 09/09/2011 10:35

Sample wt/vol: 5.64(g) Date Analyzed: 09/16/2011 13:10

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.0 Level: (low/med) Low

Analysis Batch No.: 86306 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/8260L_10/09-03-11/16sep11.b/d12780.d
Report Date: 20-Sep-2011 07:26

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/16sep11.b/d12780.d
Lab Smp Id: 460-30837-E-28-A Client Smp ID: PMP-4-VD-S (2.5-3.0
Inj Date : 16-SEP-2011 13:10
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-30837-E-28-A;;;5.64;5
Misc Info : 460-30837-E-28-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/09-03-11/16sep11.b/8260L_10.m
Meth Date : 16-Sep-2011 06:01 audberto Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.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	5.64000	Weight of sample extracted (g)
M	4.00729	% 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	2.563	2.563	(0.552)	53110	34.6867	32
	6 Methylene Chloride	84	2.516	2.516	(0.542)	15330	3.92565	3.6
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.369	4.375	(0.942)	243007	47.6061	44
*	69 Fluorobenzene	96	4.640	4.646	(1.000)	535922	50.0000	
$	37 Toluene-d8 (SUR)	98	6.357	6.363	(0.792)	517194	48.5846	45
	38 Toluene	91	6.422	6.428	(0.801)	5301	0.37833	0.35(a)
*	32 Chlorobenzene-d5	117	8.022	8.028	(1.000)	363579	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.098	9.104	(0.912)	197396	47.3798	44
*	91 1,4-Dichlorobenzene-d4	152	9.980	9.980	(1.000)	205649	50.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/16sep11.b/d12780.d
Report Date: 20-Sep-2011 07:26

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/16sep11.b/d12780.d
Lab Smp Id: 460-30837-E-28-A Client Smp ID: PMP-4-VD-S (2.5-3.0
Inj Date : 16-SEP-2011 13:10
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-30837-E-28-A;;;5.64;5
Misc Info : 460-30837-E-28-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/09-03-11/16sep11.b/8260L_10.m
Meth Date : 16-Sep-2011 06:01 audberto Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.d
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

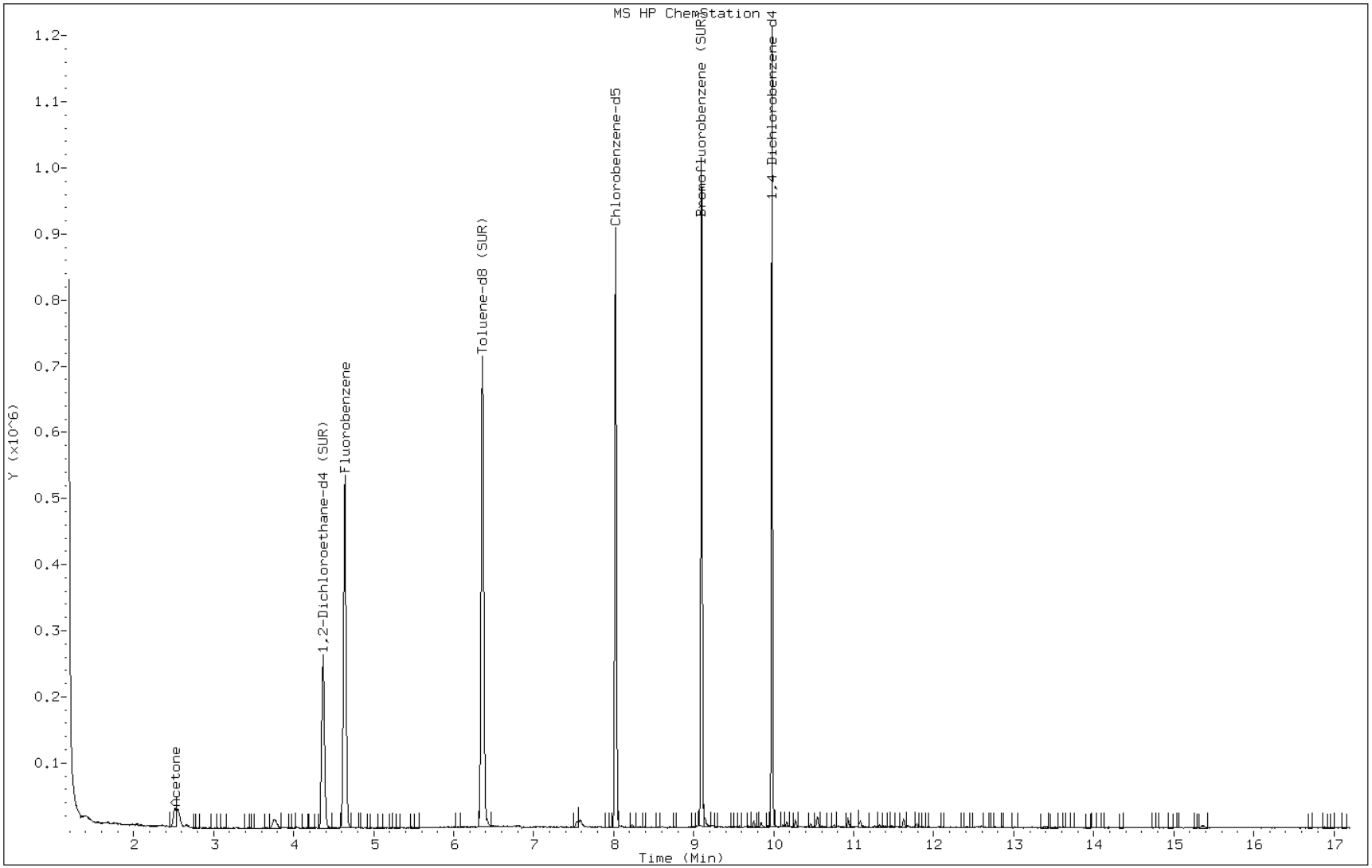
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: d12780.d

Date: 16-SEP-2011 13:10

Client ID: PMP-4-VD-S (2.5-3.0 Instrument: VOAMS4.i

Sample Info: 460-30837-E-28-A;;;5.64;5 Operator: VOAMS 9



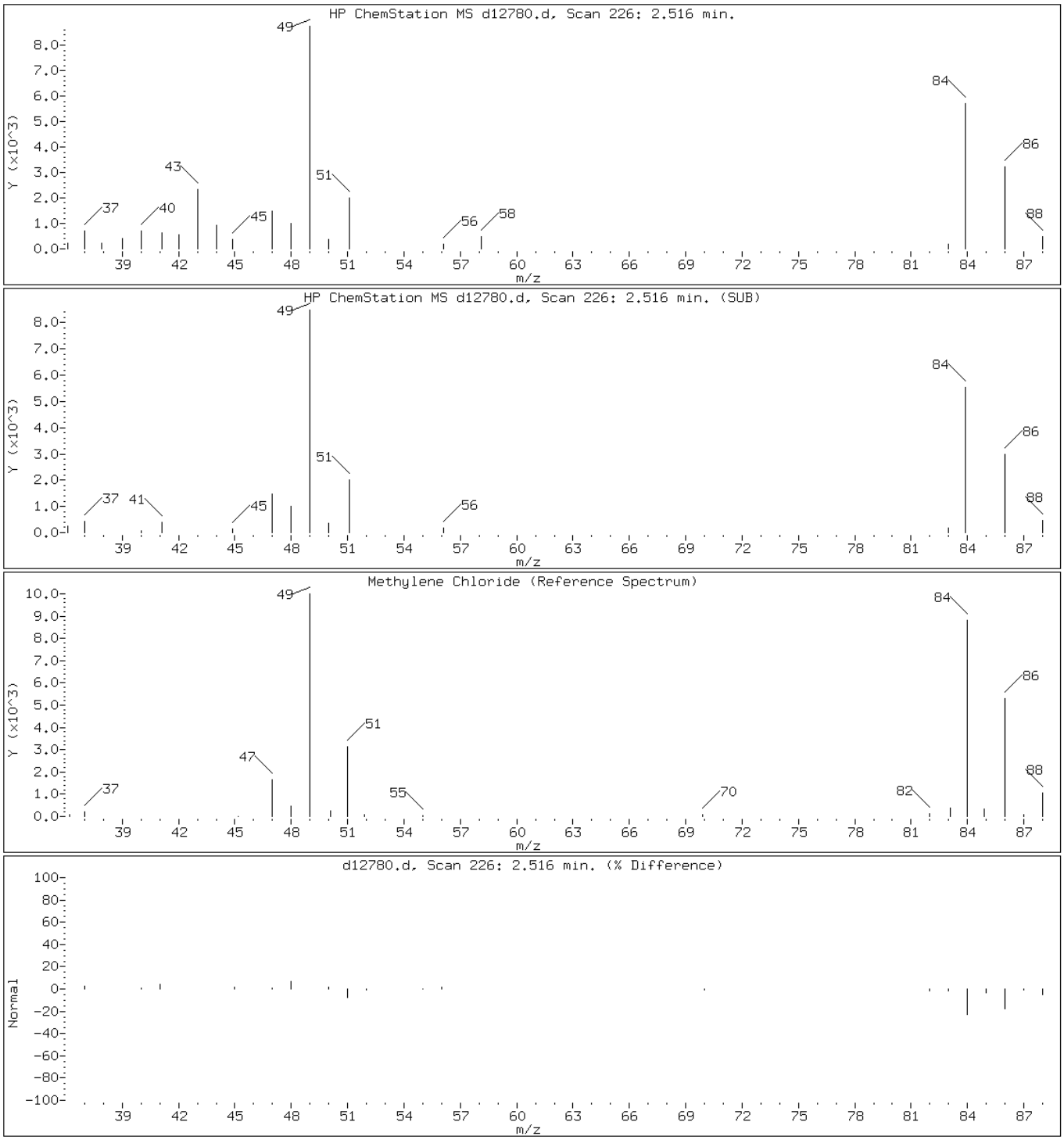
Data File: d12780.d

Date: 16-SEP-2011 13:10

Client ID: PMP-4-VD-S (2.5-3.0 Instrument: VOAMS4.i

Sample Info: 460-30837-E-28-A;;;5.64;5 Operator: VOAMS 9

6 Methylene Chloride



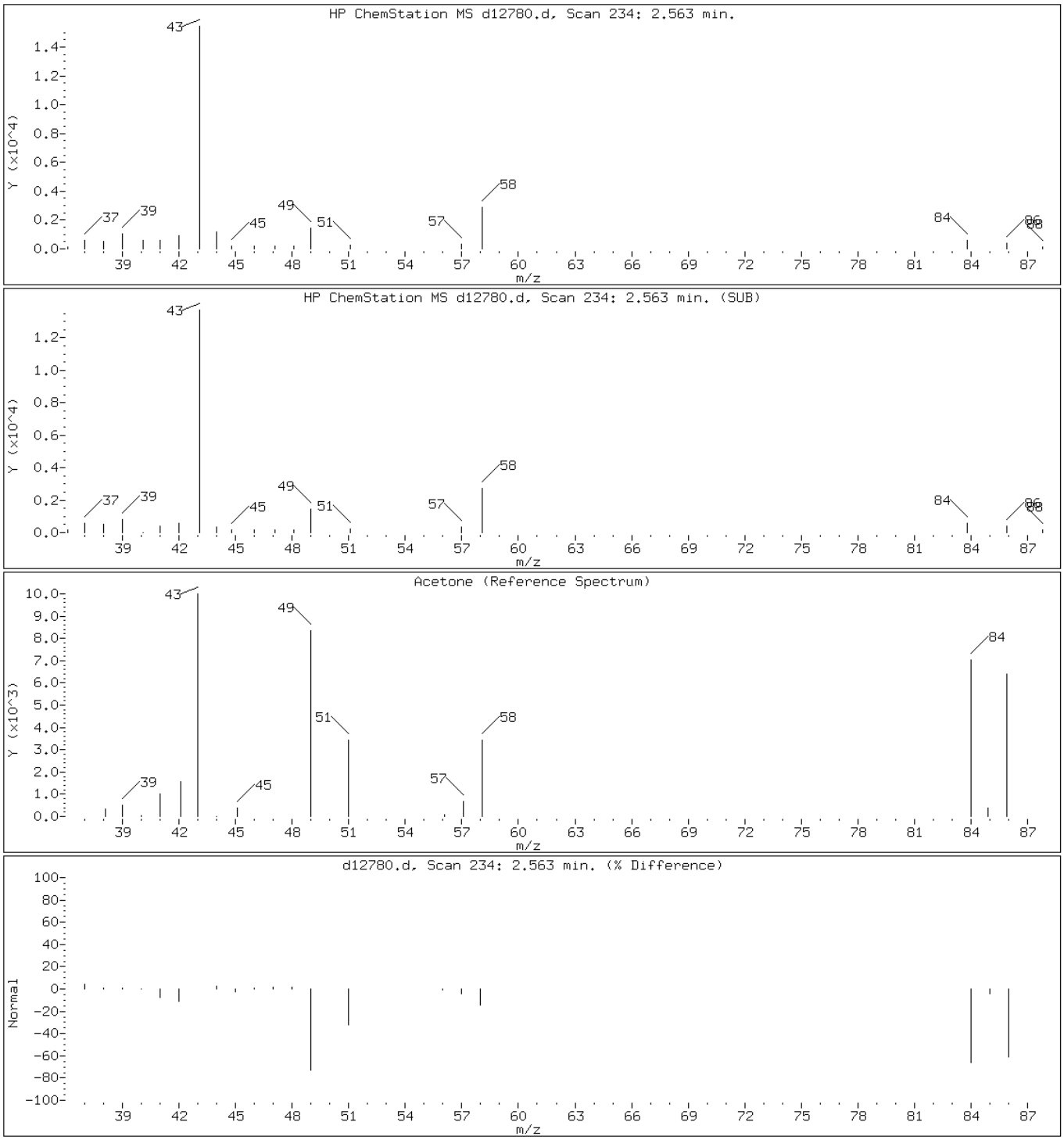
Data File: d12780.d

Date: 16-SEP-2011 13:10

Client ID: PMP-4-VD-S (2.5-3.0 Instrument: VOAMS4.i

Sample Info: 460-30837-E-28-A;;;5.64;5 Operator: VOAMS 9

7 Acetone



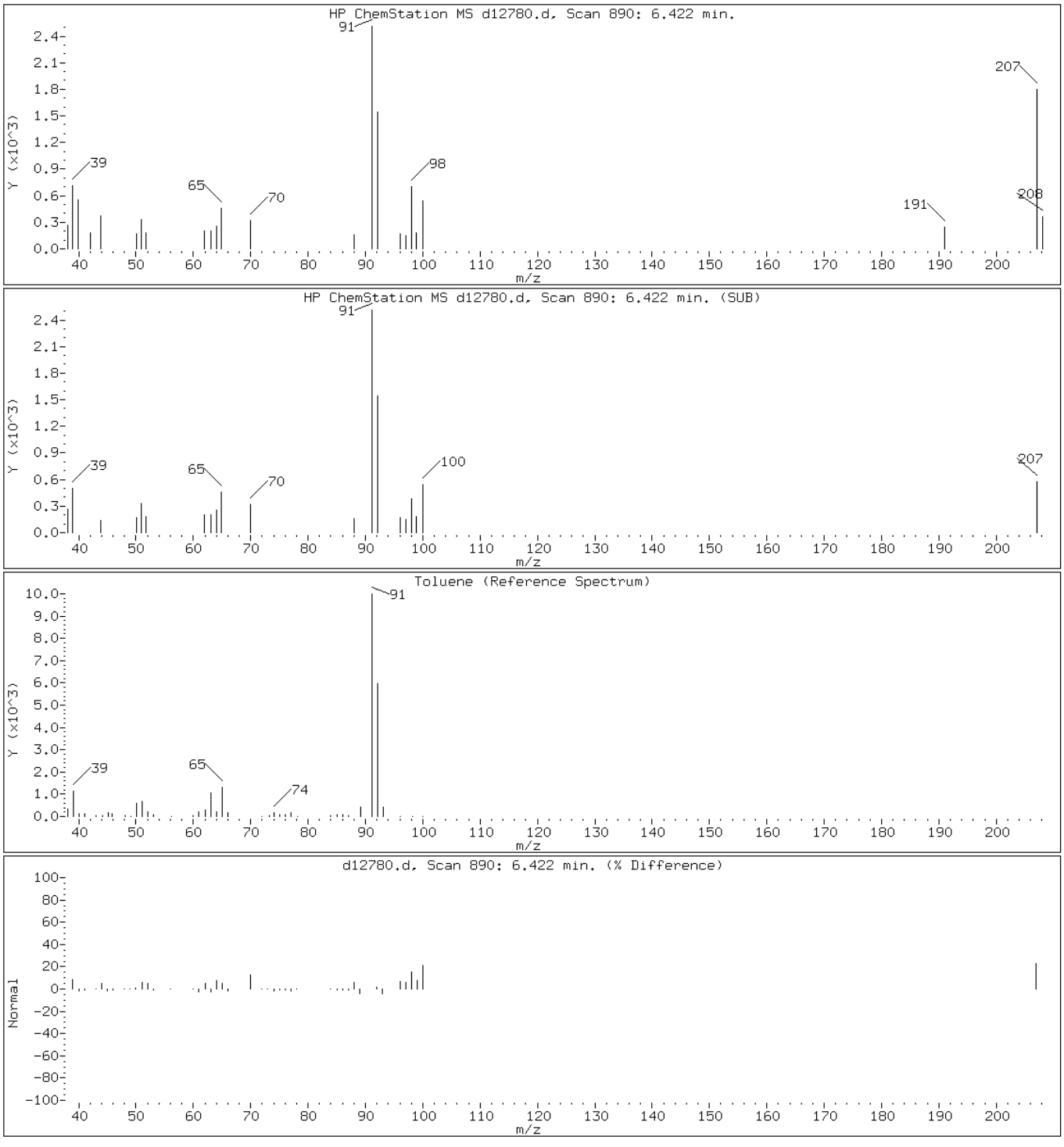
Data File: d12780.d

Date: 16-SEP-2011 13:10

Client ID: PMP-4-VD-S (2.5-3.0 Instrument: VOAMS4.i

Sample Info: 460-30837-E-28-A;;;5.64;5 Operator: VOAMS 9

38 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-4-WT-S (7.0-7.5) | Lab Sample ID: 460-30837-29

Matrix: Solid | Lab File ID: d12781.d

Analysis Method: 8260B | Date Collected: 09/09/2011 10:40

Sample wt/vol: 10.62(g) | Date Analyzed: 09/16/2011 13:34

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 12.9 | Level: (low/med) Low

Analysis Batch No.: 86306 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.54	U	0.54	0.34
74-83-9	Bromomethane	0.54	U	0.54	0.22
75-01-4	Vinyl chloride	0.54	U	0.54	0.13
75-00-3	Chloroethane	0.54	U	0.54	0.22
75-09-2	Methylene Chloride	1.1	B	0.54	0.25
67-64-1	Acetone	8.8	B	5.4	2.0
75-15-0	Carbon disulfide	0.54	U	0.54	0.25
75-69-4	Trichlorofluoromethane	0.54	U	0.54	0.14
75-35-4	1,1-Dichloroethene	0.54	U	0.54	0.20
75-34-3	1,1-Dichloroethane	0.54	U	0.54	0.14
156-60-5	trans-1,2-Dichloroethene	0.54	U	0.54	0.15
156-59-2	cis-1,2-Dichloroethene	0.54	U	0.54	0.13
67-66-3	Chloroform	0.54	U	0.54	0.13
78-93-3	2-Butanone	5.4	U	5.4	0.31
107-06-2	1,2-Dichloroethane	0.54	U	0.54	0.21
71-55-6	1,1,1-Trichloroethane	0.54	U	0.54	0.10
56-23-5	Carbon tetrachloride	0.54	U	0.54	0.055
71-43-2	Benzene	0.54	U	0.54	0.40
75-25-2	Bromoform	0.54	U	0.54	0.38
100-42-5	Styrene	0.54	U	0.54	0.19
100-41-4	Ethylbenzene	0.54	U	0.54	0.10
108-90-7	Chlorobenzene	0.54	U	0.54	0.26
110-82-7	Cyclohexane	0.54	U	0.54	0.12
98-82-8	Isopropylbenzene	0.54	U	0.54	0.14
591-78-6	2-Hexanone	5.4	U	5.4	0.90
1634-04-4	MTBE	0.54	U	0.54	0.19
76-13-1	Freon TF	0.54	U	0.54	0.26
79-20-9	Methyl acetate	0.54	U	0.54	0.48
123-91-1	1,4-Dioxane	27	U	27	2.2
79-01-6	Trichloroethene	0.54	U	0.54	0.20
108-88-3	Toluene	0.54	U	0.54	0.16
10061-02-6	trans-1,3-Dichloropropene	0.54	U	0.54	0.12
108-10-1	4-Methyl-2-pentanone	5.4	U	5.4	0.39
10061-01-5	cis-1,3-Dichloropropene	0.54	U	0.54	0.11
95-50-1	1,2-Dichlorobenzene	0.54	U	0.54	0.34
541-73-1	1,3-Dichlorobenzene	0.54	U	0.54	0.26

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-4-WT-S (7.0-7.5) | Lab Sample ID: 460-30837-29

Matrix: Solid | Lab File ID: d12781.d

Analysis Method: 8260B | Date Collected: 09/09/2011 10:40

Sample wt/vol: 10.62(g) | Date Analyzed: 09/16/2011 13:34

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 12.9 | Level: (low/med) Low

Analysis Batch No.: 86306 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.54	U	0.54	0.38
120-82-1	1,2,4-Trichlorobenzene	0.54	U	0.54	0.29
87-61-6	1,2,3-Trichlorobenzene	0.54	U	0.54	0.35
78-87-5	1,2-Dichloropropane	0.54	U	0.54	0.17
108-87-2	Methylcyclohexane	0.54	U	0.54	0.15
127-18-4	Tetrachloroethene	0.54	U	0.54	0.18
1330-20-7	Xylenes, Total	1.6	U	1.6	0.42
96-12-8	1,2-Dibromo-3-Chloropropane	0.54	U	0.54	0.33
79-34-5	1,1,2,2-Tetrachloroethane	0.54	U	0.54	0.41
79-00-5	1,1,2-Trichloroethane	0.54	U	0.54	0.32
124-48-1	Dibromochloromethane	0.54	U	0.54	0.30
106-93-4	1,2-Dibromoethane	0.54	U	0.54	0.28
75-71-8	Dichlorodifluoromethane	0.54	U	0.54	0.22
74-97-5	Bromochloromethane	0.54	U	0.54	0.15
75-27-4	Bromodichloromethane	0.54	U	0.54	0.16

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-138
2037-26-5	Toluene-d8 (Surr)	96		66-126
460-00-4	Bromofluorobenzene	95		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-4-WT-S (7.0-7.5) Lab Sample ID: 460-30837-29

Matrix: Solid Lab File ID: d12781.d

Analysis Method: 8260B Date Collected: 09/09/2011 10:40

Sample wt/vol: 10.62(g) Date Analyzed: 09/16/2011 13:34

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 12.9 Level: (low/med) Low

Analysis Batch No.: 86306 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/8260L_10/09-03-11/16sep11.b/d12781.d
Report Date: 17-Sep-2011 08:19

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/16sep11.b/d12781.d
Lab Smp Id: 460-30837-E-29-A Client Smp ID: PMP-4-WT-S (7.0-7.5
Inj Date : 16-SEP-2011 13:34
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-30837-E-29-A;;;10.62;5
Misc Info : 460-30837-E-29-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/09-03-11/16sep11.b/8260L_10.m
Meth Date : 16-Sep-2011 06:01 audberto Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.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	10.62000	Weight of sample extracted (g)
M	12.88014	% 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	2.563	2.563	(0.552)	24984	16.3545	8.8
	6 Methylene Chloride	84	2.516	2.516	(0.542)	8209	2.10692	1.1
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.369	4.375	(0.942)	246792	48.4578	26
*	69 Fluorobenzene	96	4.640	4.646	(1.000)	534703	50.0000	
$	37 Toluene-d8 (SUR)	98	6.357	6.363	(0.792)	514682	48.1582	26
*	32 Chlorobenzene-d5	117	8.022	8.028	(1.000)	365017	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.104	9.104	(0.912)	197858	47.6854	26
*	91 1,4-Dichlorobenzene-d4	152	9.980	9.980	(1.000)	204809	50.0000	

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/16sep11.b/d12781.d
Report Date: 17-Sep-2011 08:19

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/16sep11.b/d12781.d
Lab Smp Id: 460-30837-E-29-A Client Smp ID: PMP-4-WT-S (7.0-7.5
Inj Date : 16-SEP-2011 13:34
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-30837-E-29-A;;;10.62;5
Misc Info : 460-30837-E-29-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/09-03-11/16sep11.b/8260L_10.m
Meth Date : 16-Sep-2011 06:01 audberto Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.d
Als bottle: 20
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

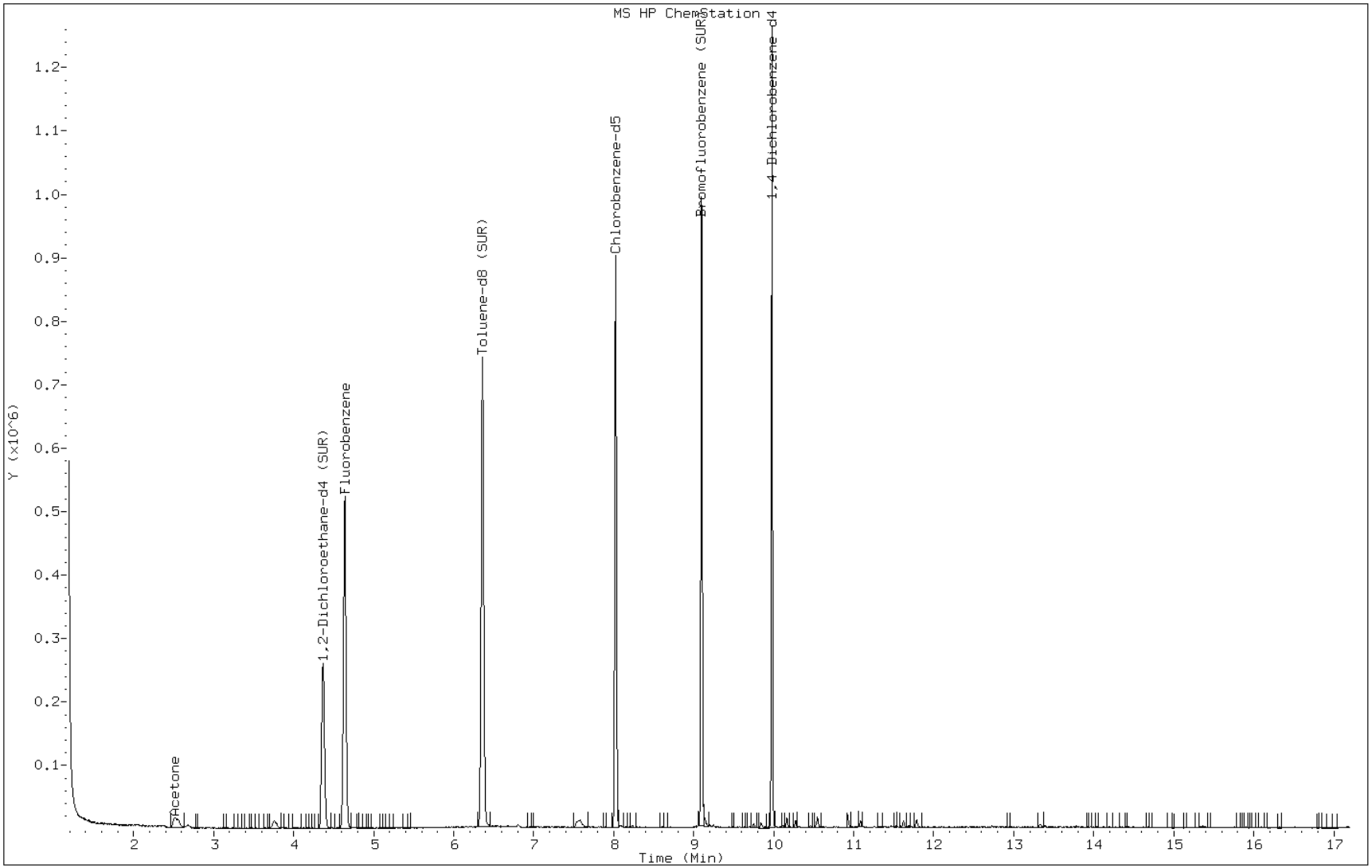
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: d12781.d

Date: 16-SEP-2011 13:34

Client ID: PMP-4-WT-S (7.0-7.5 Instrument: VOAMS4.i

Sample Info: 460-30837-E-29-A;;;10.62;5 Operator: VOAMS 9



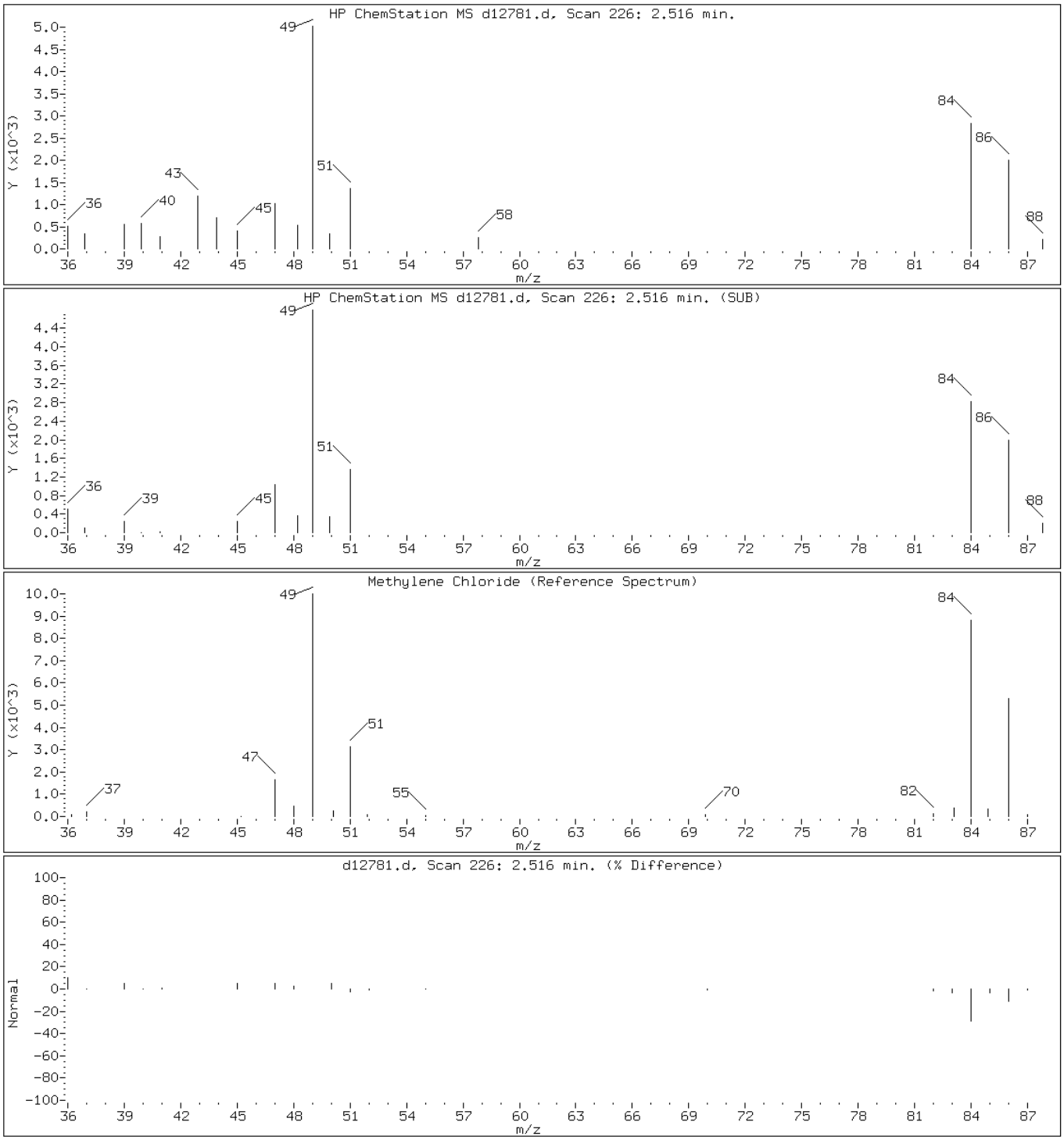
Data File: d12781.d

Date: 16-SEP-2011 13:34

Client ID: PMP-4-WT-S (7.0-7.5 Instrument: VOAMS4.i

Sample Info: 460-30837-E-29-A;;;10.62;5 Operator: VOAMS 9

6 Methylene Chloride



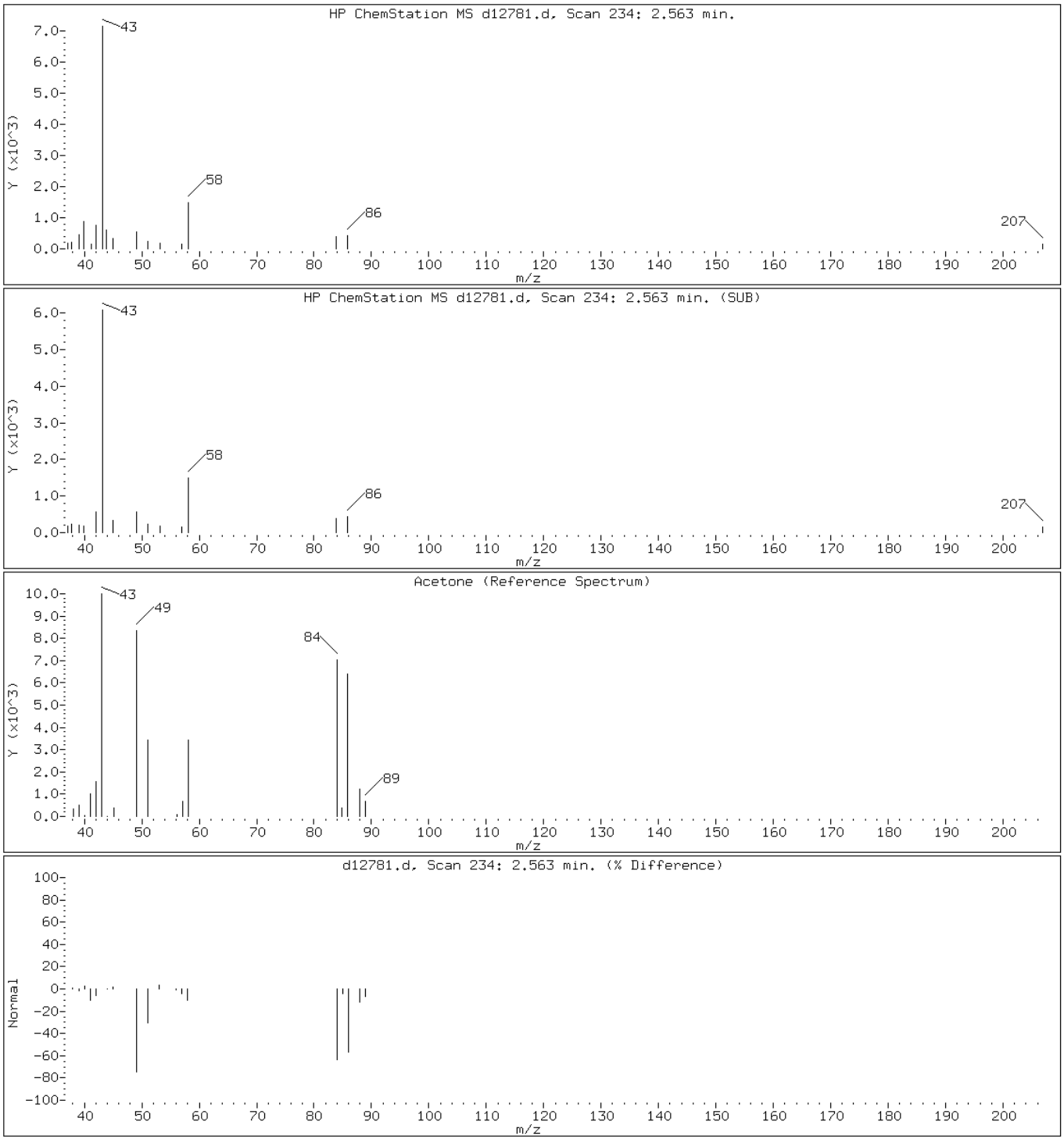
Data File: d12781.d

Date: 16-SEP-2011 13:34

Client ID: PMP-4-WT-S (7.0-7.5 Instrument: VOAMS4.i

Sample Info: 460-30837-E-29-A;;;10.62;5 Operator: VOAMS 9

7 Acetone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: FB_090811 Lab Sample ID: 460-30837-30

Matrix: Water Lab File ID: a67854.d

Analysis Method: 8260B Date Collected: 09/08/2011 14:00

Sample wt/vol: 5(mL) Date Analyzed: 09/12/2011 14:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 85734 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
67-66-3	Chloroform	1.0	U	1.0	0.15
78-93-3	2-Butanone	10	U	10	0.82
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.13
75-25-2	Bromoform	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.13
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.13
98-82-8	Isopropylbenzene	1.0	U	1.0	0.21
591-78-6	2-Hexanone	10	U	10	0.55
1634-04-4	MTBE	1.0	U	1.0	0.18
76-13-1	Freon TF	1.0	U	1.0	0.28
79-20-9	Methyl acetate	2.0	U	2.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.4
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-88-3	Toluene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
108-10-1	4-Methyl-2-pentanone	10	U	10	0.68
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: FB_090811 Lab Sample ID: 460-30837-30

Matrix: Water Lab File ID: a67854.d

Analysis Method: 8260B Date Collected: 09/08/2011 14:00

Sample wt/vol: 5(mL) Date Analyzed: 09/12/2011 14:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 85734 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.83
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-97-5	Bromochloromethane	1.0	U	1.0	0.17
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	85		70-122
2037-26-5	Toluene-d8 (Surr)	96		69-125
460-00-4	Bromofluorobenzene	91		69-135

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: FB_090811 Lab Sample ID: 460-30837-30

Matrix: Water Lab File ID: a67854.d

Analysis Method: 8260B Date Collected: 09/08/2011 14:00

Sample wt/vol: 5(mL) Date Analyzed: 09/12/2011 14:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 85734 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/VOAMS1.i/8260_09/08-31-11/12sep11.b/a67854.d
Report Date: 13-Sep-2011 06:36

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS1.i/8260_09/08-31-11/12sep11.b/a67854.d
Lab Smp Id: 460-30837-B-30 Client Smp ID: FB_090811
Inj Date : 12-SEP-2011 14:11
Operator : VOA GC/MS1 Inst ID: VOAMS1.i
Smp Info : 460-30837-B-30
Misc Info : 460-30837-B-30
Comment :
Method : /chem/VOAMS1.i/8260_09/08-31-11/12sep11.b/8260_09.m
Meth Date : 12-Sep-2011 07:01 moroneyc Quant Type: ISTD
Cal Date : 31-AUG-2011 22:06 Cal File: a67456.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 * 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	4.206	4.212	(0.952)	169390	42.7447	43
* 52 Fluorobenzene	96	4.419	4.419	(1.000)	592325	50.0000	
$ 65 Toluene-d8 (SUR)	98	5.596	5.596	(0.805)	523883	48.2372	48
* 78 Chlorobenzene-d5	117	6.955	6.955	(1.000)	413089	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	7.809	7.809	(0.918)	159641	45.6007	46
* 108 1,4-Dichlorobenzene-d4	152	8.510	8.497	(1.000)	235709	50.0000	

Data File: /chem/VOAMS1.i/8260_09/08-31-11/12sep11.b/a67854.d
Report Date: 13-Sep-2011 06:36

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS1.i/8260_09/08-31-11/12sep11.b/a67854.d
Lab Smp Id: 460-30837-B-30 Client Smp ID: FB_090811
Inj Date : 12-SEP-2011 14:11
Operator : VOA GC/MS1 Inst ID: VOAMS1.i
Smp Info : 460-30837-B-30
Misc Info : 460-30837-B-30
Comment :
Method : /chem/VOAMS1.i/8260_09/08-31-11/12sep11.b/8260_09.m
Meth Date : 12-Sep-2011 07:01 moroneyc Quant Type: ISTD
Cal Date : 31-AUG-2011 22:06 Cal File: a67456.d
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

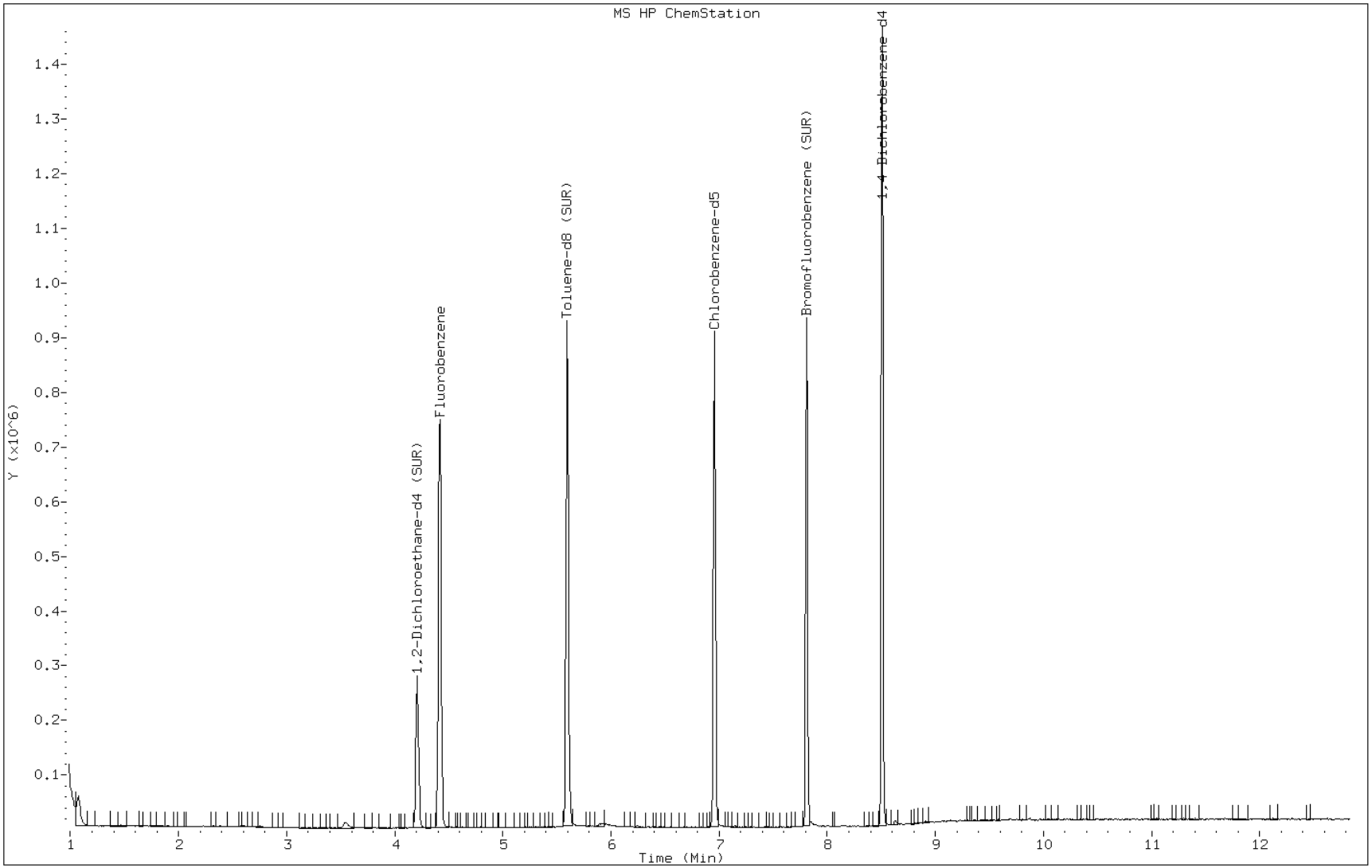
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: a67854.d

Date: 12-SEP-2011 14:11

Client ID: FB_090811 Instrument: VOAMS1.i

Sample Info: 460-30837-B-30 Operator: VOA GC/MS1



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: FB_090911 Lab Sample ID: 460-30837-31

Matrix: Water Lab File ID: a67855.d

Analysis Method: 8260B Date Collected: 09/09/2011 07:45

Sample wt/vol: 5(mL) Date Analyzed: 09/12/2011 14:30

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 85734 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
67-66-3	Chloroform	1.0	U	1.0	0.15
78-93-3	2-Butanone	10	U	10	0.82
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.13
75-25-2	Bromoform	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.13
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.13
98-82-8	Isopropylbenzene	1.0	U	1.0	0.21
591-78-6	2-Hexanone	10	U	10	0.55
1634-04-4	MTBE	1.0	U	1.0	0.18
76-13-1	Freon TF	1.0	U	1.0	0.28
79-20-9	Methyl acetate	2.0	U	2.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.4
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-88-3	Toluene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
108-10-1	4-Methyl-2-pentanone	10	U	10	0.68
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: FB_090911 | Lab Sample ID: 460-30837-31

Matrix: Water | Lab File ID: a67855.d

Analysis Method: 8260B | Date Collected: 09/09/2011 07:45

Sample wt/vol: 5(mL) | Date Analyzed: 09/12/2011 14:30

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 85734 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.83
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-97-5	Bromochloromethane	1.0	U	1.0	0.17
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	86		70-122
2037-26-5	Toluene-d8 (Surr)	96		69-125
460-00-4	Bromofluorobenzene	91		69-135

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: FB_090911 Lab Sample ID: 460-30837-31

Matrix: Water Lab File ID: a67855.d

Analysis Method: 8260B Date Collected: 09/09/2011 07:45

Sample wt/vol: 5(mL) Date Analyzed: 09/12/2011 14:30

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 85734 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/VOAMS1.i/8260_09/08-31-11/12sep11.b/a67855.d
Report Date: 13-Sep-2011 06:37

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS1.i/8260_09/08-31-11/12sep11.b/a67855.d
Lab Smp Id: 460-30837-B-31 Client Smp ID: FB_090911
Inj Date : 12-SEP-2011 14:30
Operator : VOA GC/MS1 Inst ID: VOAMS1.i
Smp Info : 460-30837-B-31
Misc Info : 460-30837-B-31
Comment :
Method : /chem/VOAMS1.i/8260_09/08-31-11/12sep11.b/8260_09.m
Meth Date : 12-Sep-2011 07:01 moroneyc Quant Type: ISTD
Cal Date : 31-AUG-2011 22:06 Cal File: a67456.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 * 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	4.212	4.212	(0.953)	164060	43.0117	43
* 52 Fluorobenzene	96	4.419	4.419	(1.000)	570125	50.0000	
$ 65 Toluene-d8 (SUR)	98	5.595	5.596	(0.805)	504599	47.8478	48
* 78 Chlorobenzene-d5	117	6.955	6.955	(1.000)	401121	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	7.808	7.809	(0.917)	154644	45.6623	46
* 108 1,4-Dichlorobenzene-d4	152	8.516	8.497	(1.000)	228023	50.0000	

Data File: /chem/VOAMS1.i/8260_09/08-31-11/12sep11.b/a67855.d
Report Date: 13-Sep-2011 06:37

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS1.i/8260_09/08-31-11/12sep11.b/a67855.d
Lab Smp Id: 460-30837-B-31 Client Smp ID: FB_090911
Inj Date : 12-SEP-2011 14:30
Operator : VOA GC/MS1 Inst ID: VOAMS1.i
Smp Info : 460-30837-B-31
Misc Info : 460-30837-B-31
Comment :
Method : /chem/VOAMS1.i/8260_09/08-31-11/12sep11.b/8260_09.m
Meth Date : 12-Sep-2011 07:01 moroneyc Quant Type: ISTD
Cal Date : 31-AUG-2011 22:06 Cal File: a67456.d
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

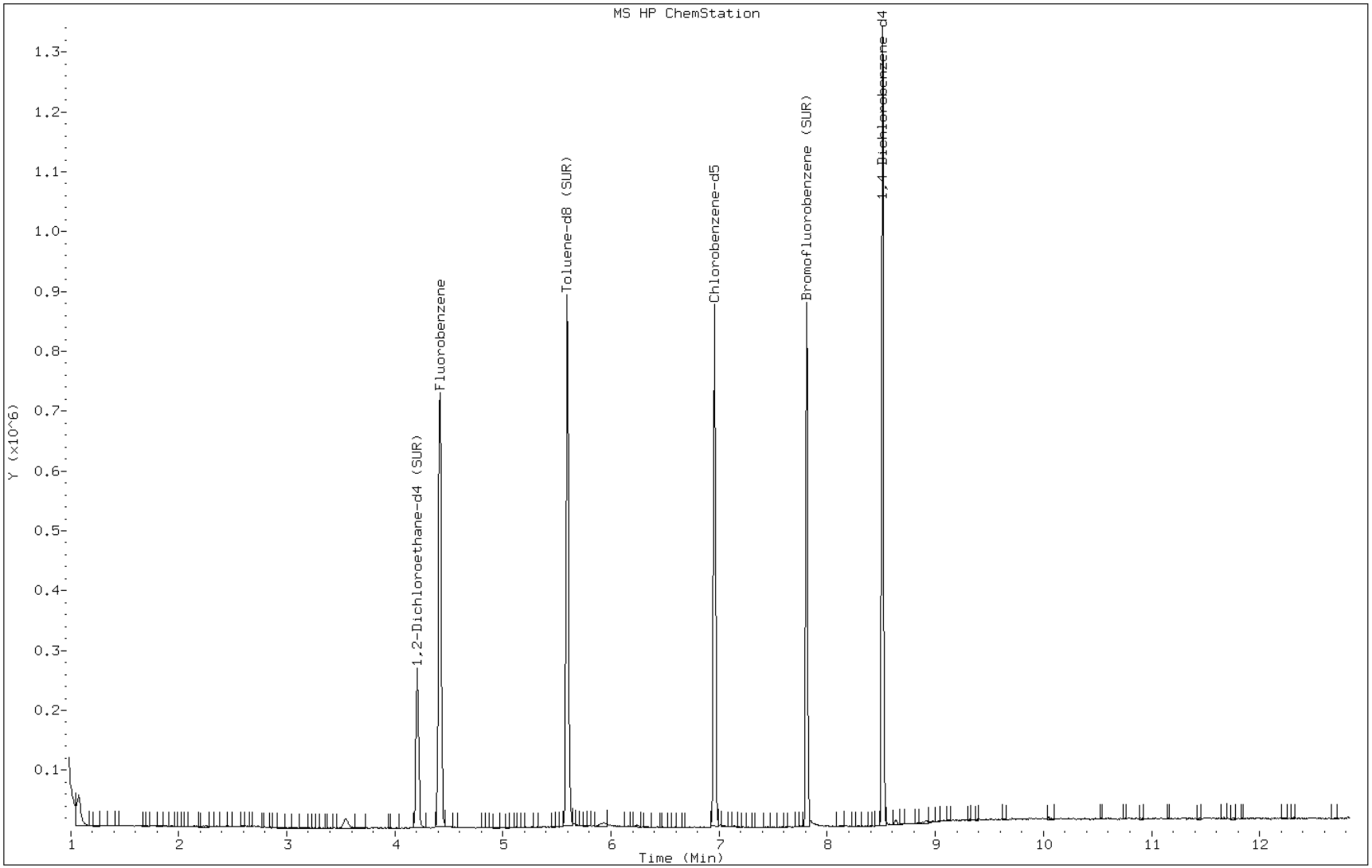
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: a67855.d

Date: 12-SEP-2011 14:30

Client ID: FB_090911 Instrument: VOAMS1.i

Sample Info: 460-30837-B-31 Operator: VOA GC/MS1



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: TB_090911 Lab Sample ID: 460-30837-32

Matrix: Solid Lab File ID: d12779.d

Analysis Method: 8260B Date Collected: 09/09/2011 00:00

Sample wt/vol: 5(g) Date Analyzed: 09/16/2011 12:46

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 86306 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.63
74-83-9	Bromomethane	1.0	U	1.0	0.41
75-01-4	Vinyl chloride	1.0	U	1.0	0.23
75-00-3	Chloroethane	1.0	U	1.0	0.40
75-09-2	Methylene Chloride	0.59	J B	1.0	0.47
67-64-1	Acetone	57	B	10	3.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.47
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.37
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.28
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.24
67-66-3	Chloroform	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.57
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.39
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.19
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.74
75-25-2	Bromoform	1.0	U	1.0	0.70
100-42-5	Styrene	1.0	U	1.0	0.35
100-41-4	Ethylbenzene	0.21	J	1.0	0.19
108-90-7	Chlorobenzene	1.0	U	1.0	0.48
110-82-7	Cyclohexane	1.0	U	1.0	0.22
98-82-8	Isopropylbenzene	1.0	U	1.0	0.26
591-78-6	2-Hexanone	10	U	10	1.7
1634-04-4	MTBE	1.0	U	1.0	0.34
76-13-1	Freon TF	1.0	U	1.0	0.48
79-20-9	Methyl acetate	1.0	U	1.0	0.90
123-91-1	1,4-Dioxane	50	U	50	4.2
79-01-6	Trichloroethene	1.0	U	1.0	0.36
108-88-3	Toluene	1.6		1.0	0.30
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
108-10-1	4-Methyl-2-pentanone	10	U	10	0.72
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.20
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.64
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: TB_090911 | Lab Sample ID: 460-30837-32

Matrix: Solid | Lab File ID: d12779.d

Analysis Method: 8260B | Date Collected: 09/09/2011 00:00

Sample wt/vol: 5(g) | Date Analyzed: 09/16/2011 12:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 86306 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.71
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.54
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.65
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.32
108-87-2	Methylcyclohexane	1.0	U	1.0	0.27
127-18-4	Tetrachloroethene	1.0	U	1.0	0.33
1330-20-7	Xylenes, Total	0.84	J	3.0	0.79
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.61
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.76
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.59
124-48-1	Dibromochloromethane	1.0	U	1.0	0.56
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.52
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.41
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
75-27-4	Bromodichloromethane	1.0	U	1.0	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		70-138
2037-26-5	Toluene-d8 (Surr)	101		66-126
460-00-4	Bromofluorobenzene	99		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: TB_090911 Lab Sample ID: 460-30837-32

Matrix: Solid Lab File ID: d12779.d

Analysis Method: 8260B Date Collected: 09/09/2011 00:00

Sample wt/vol: 5(g) Date Analyzed: 09/16/2011 12:46

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 86306 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/8260L_10/09-03-11/16sep11.b/d12779.d
Report Date: 20-Sep-2011 07:21

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/16sep11.b/d12779.d
Lab Smp Id: 460-30837-A-32-A Client Smp ID: TB_090911
Inj Date : 16-SEP-2011 12:46
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-30837-A-32-A;;;5.00;5
Misc Info : 460-30837-A-32-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/09-03-11/16sep11.b/8260L_10.m
Meth Date : 16-Sep-2011 06:01 audberto Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.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	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	2.563	2.563	(0.552)	85445	56.6127	57
	6	Methylene Chloride	84	2.516	2.516	(0.542)	2267	0.58893	0.59(aH)
$	16	1,2-Dichloroethane-d4 (SUR)	65	4.375	4.375	(0.943)	251035	49.8906	50
*	69	Fluorobenzene	96	4.640	4.646	(1.000)	528276	50.0000	
$	37	Toluene-d8 (SUR)	98	6.363	6.363	(0.793)	532946	50.6613	51
	38	Toluene	91	6.422	6.428	(0.801)	22804	1.64690	1.6
*	32	Chlorobenzene-d5	117	8.022	8.028	(1.000)	359295	50.0000	
	40	Ethylbenzene	106	8.086	8.092	(1.008)	989	0.21300	0.21(a)
	43	m+p-Xylene	106	8.228	8.234	(1.026)	4943	0.84456	0.84(a)
$	41	Bromofluorobenzene (SUR)	174	9.104	9.104	(0.912)	206763	49.6619	50
*	91	1,4-Dichlorobenzene-d4	152	9.980	9.980	(1.000)	205509	50.0000	
M	45	Xylene (Total)	100				4943	0.83668	0.84(a)

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/16sep11.b/d12779.d
Report Date: 20-Sep-2011 07:21

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/16sep11.b/d12779.d
Report Date: 20-Sep-2011 07:21

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/16sep11.b/d12779.d
Lab Smp Id: 460-30837-A-32-A Client Smp ID: TB_090911
Inj Date : 16-SEP-2011 12:46
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : 460-30837-A-32-A;;;5.00;5
Misc Info : 460-30837-A-32-A
Comment   :
Method   : /chem/VOAMS4.i/8260L_10/09-03-11/16sep11.b/8260L_10.m
Meth Date : 16-Sep-2011 06:01 audberto Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.d
Als bottle: 18
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

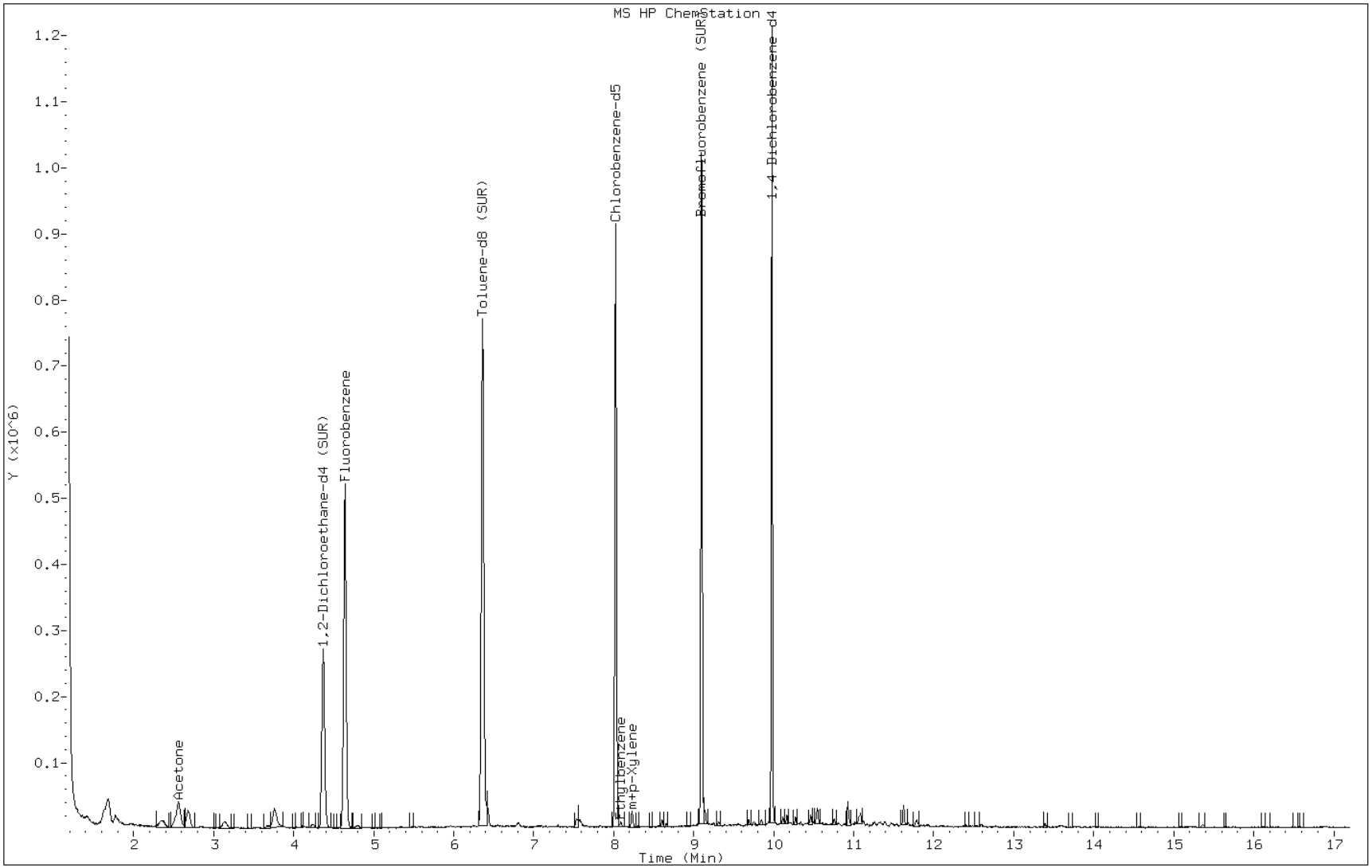
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: d12779.d

Date: 16-SEP-2011 12:46

Client ID: TB_090911 Instrument: VOAMS4.i

Sample Info: 460-30837-A-32-A;;;5.00;5 Operator: VOAMS 9



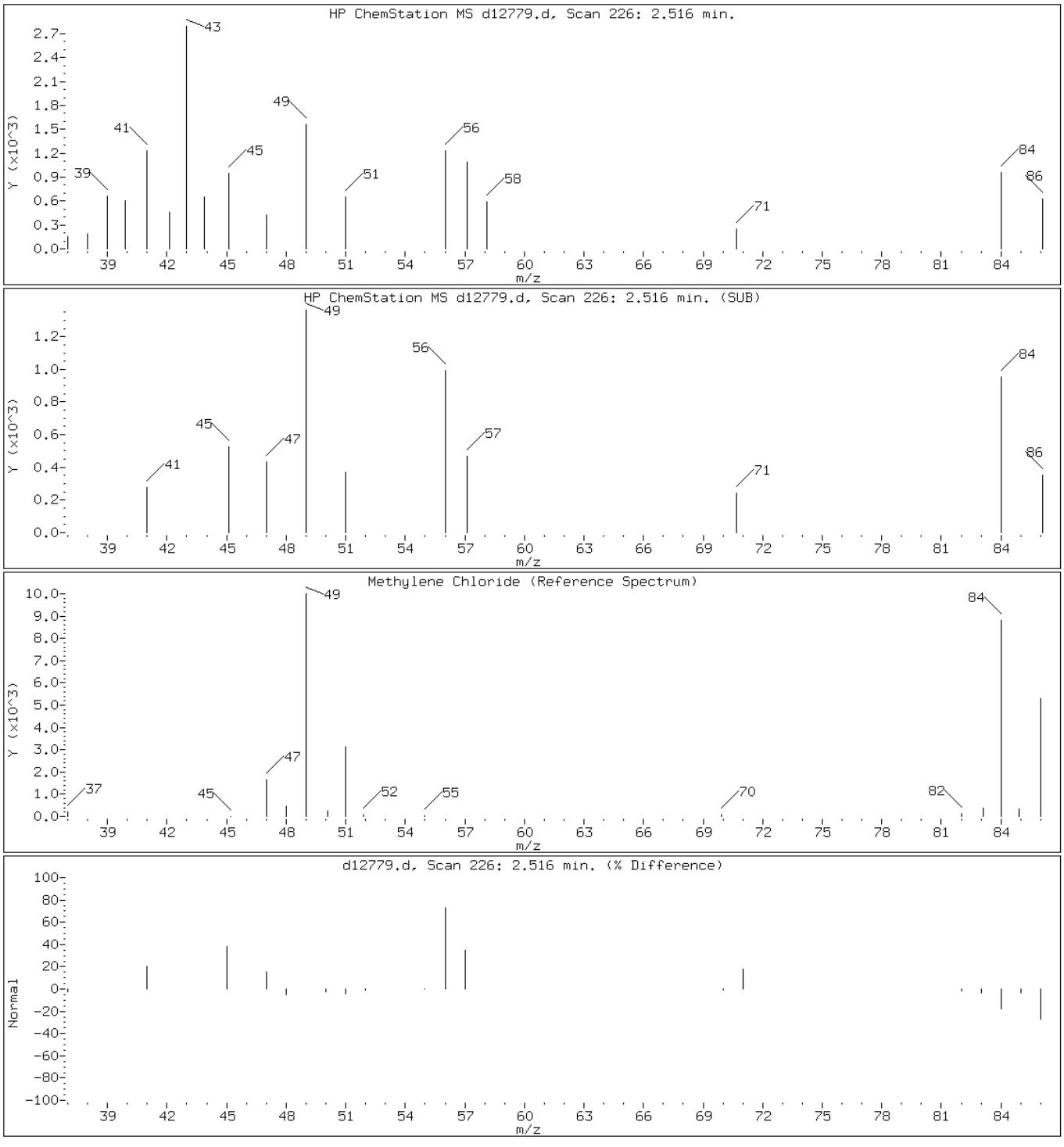
Data File: d12779.d

Date: 16-SEP-2011 12:46

Client ID: TB_090911 Instrument: VOAMS4.i

Sample Info: 460-30837-A-32-A;;;5.00;5 Operator: VOAMS 9

6 Methylene Chloride



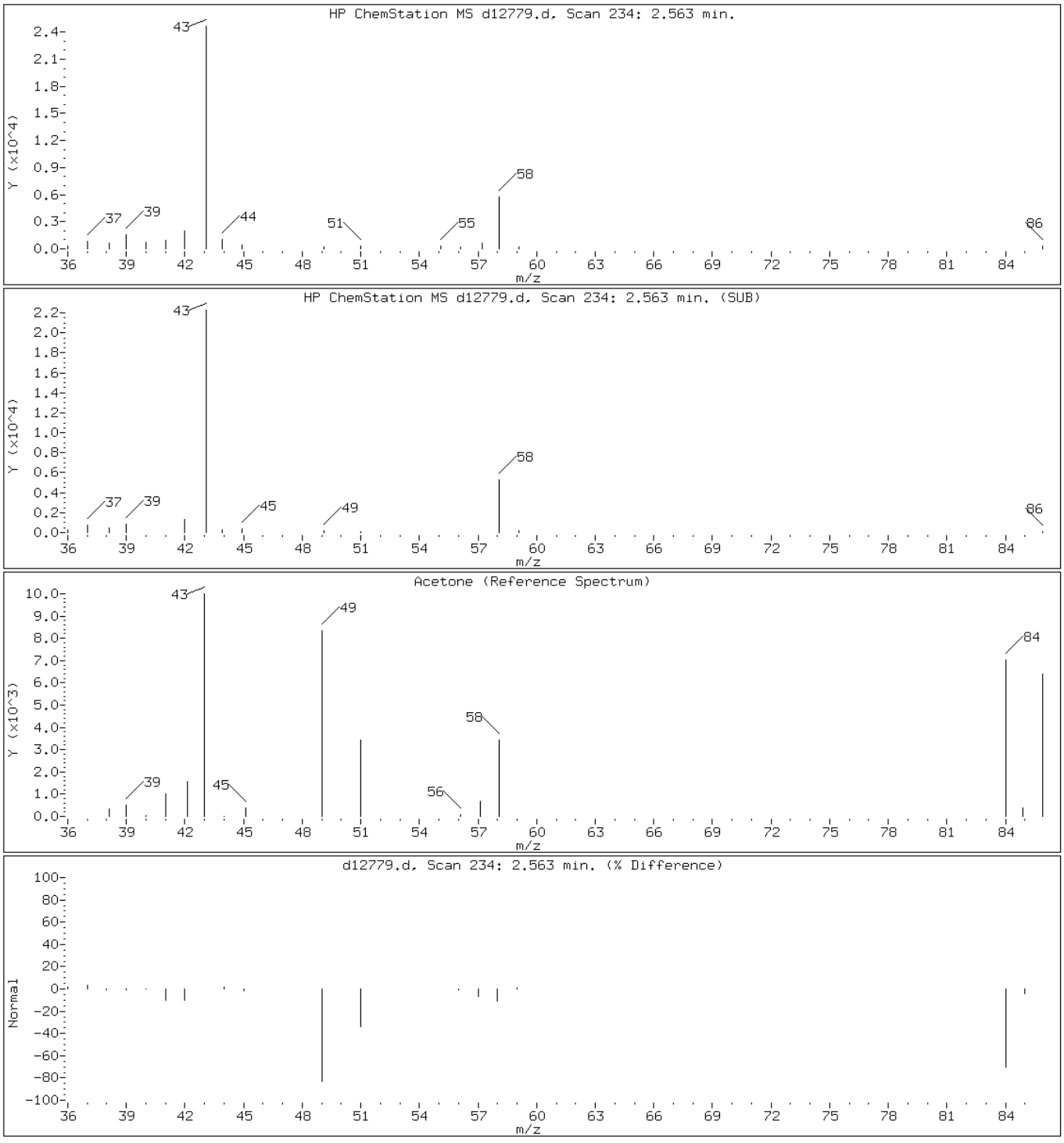
Data File: d12779.d

Date: 16-SEP-2011 12:46

Client ID: TB_090911 Instrument: VOAMS4.i

Sample Info: 460-30837-A-32-A;;;5.00;5 Operator: VOAMS 9

7 Acetone



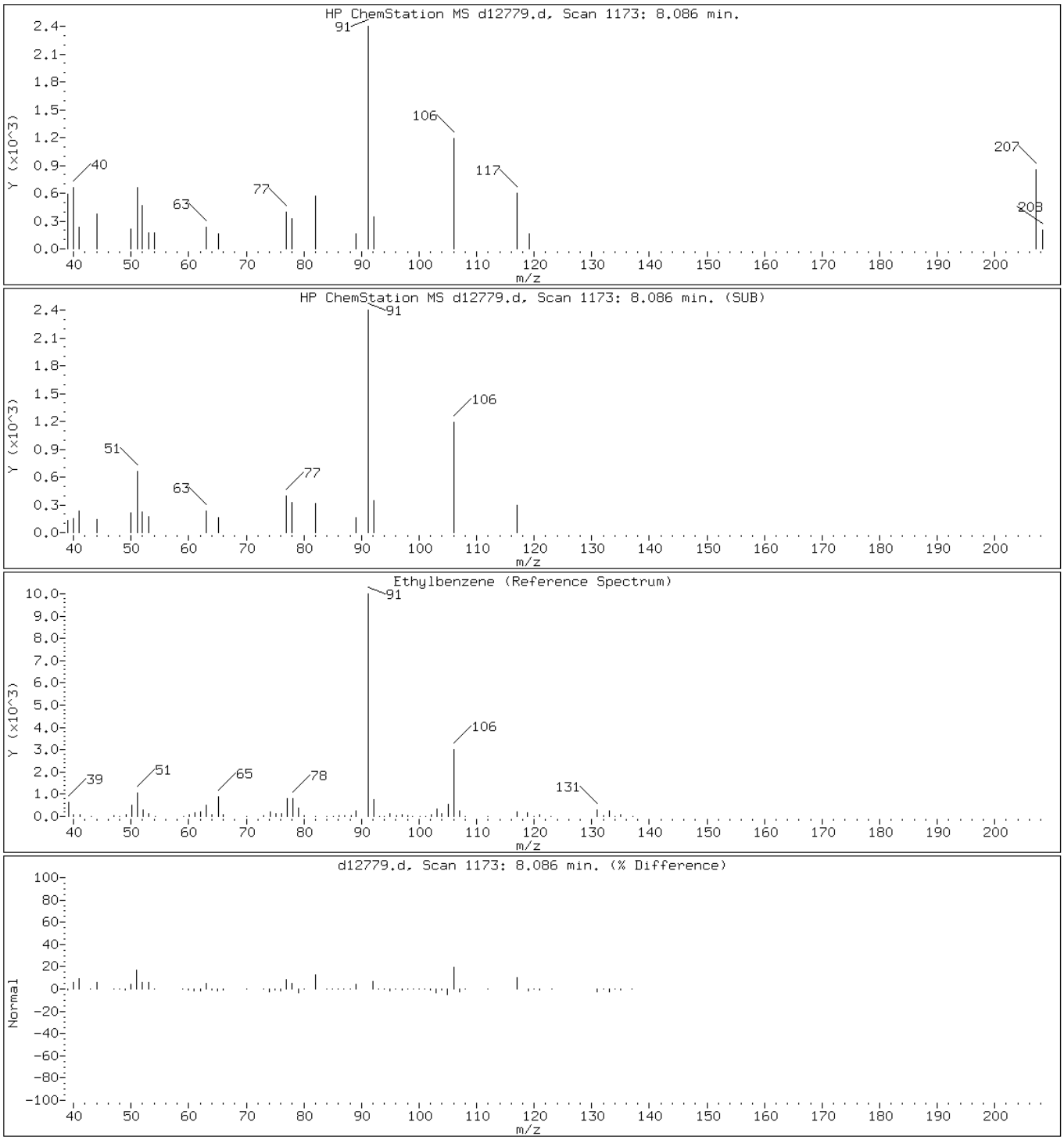
Data File: d12779.d

Date: 16-SEP-2011 12:46

Client ID: TB_090911 Instrument: VOAMS4.i

Sample Info: 460-30837-A-32-A;;;5.00;5 Operator: VOAMS 9

40 Ethylbenzene



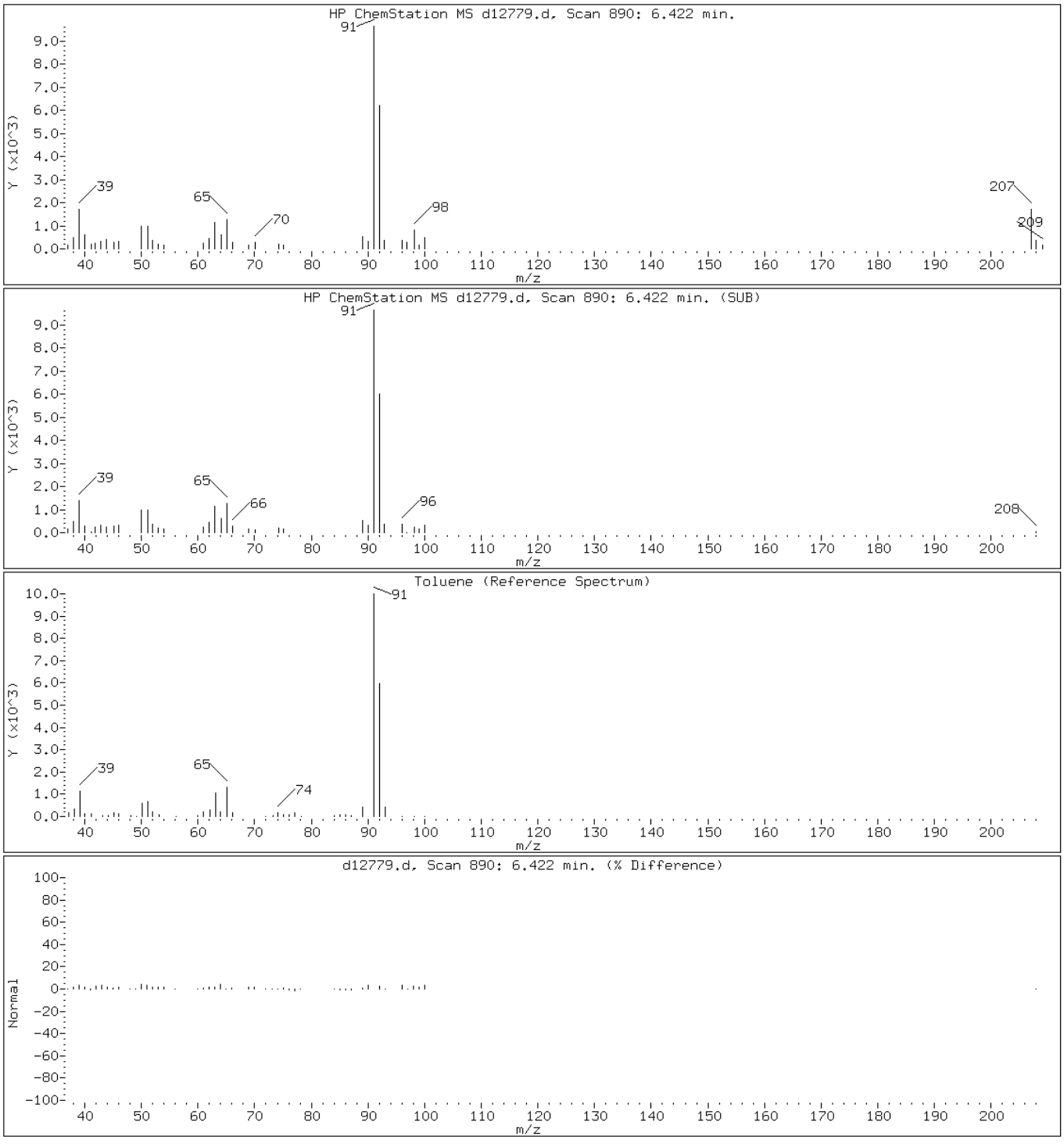
Data File: d12779.d

Date: 16-SEP-2011 12:46

Client ID: TB_090911 Instrument: VOAMS4.i

Sample Info: 460-30837-A-32-A;;;5.00;5 Operator: VOAMS 9

38 Toluene



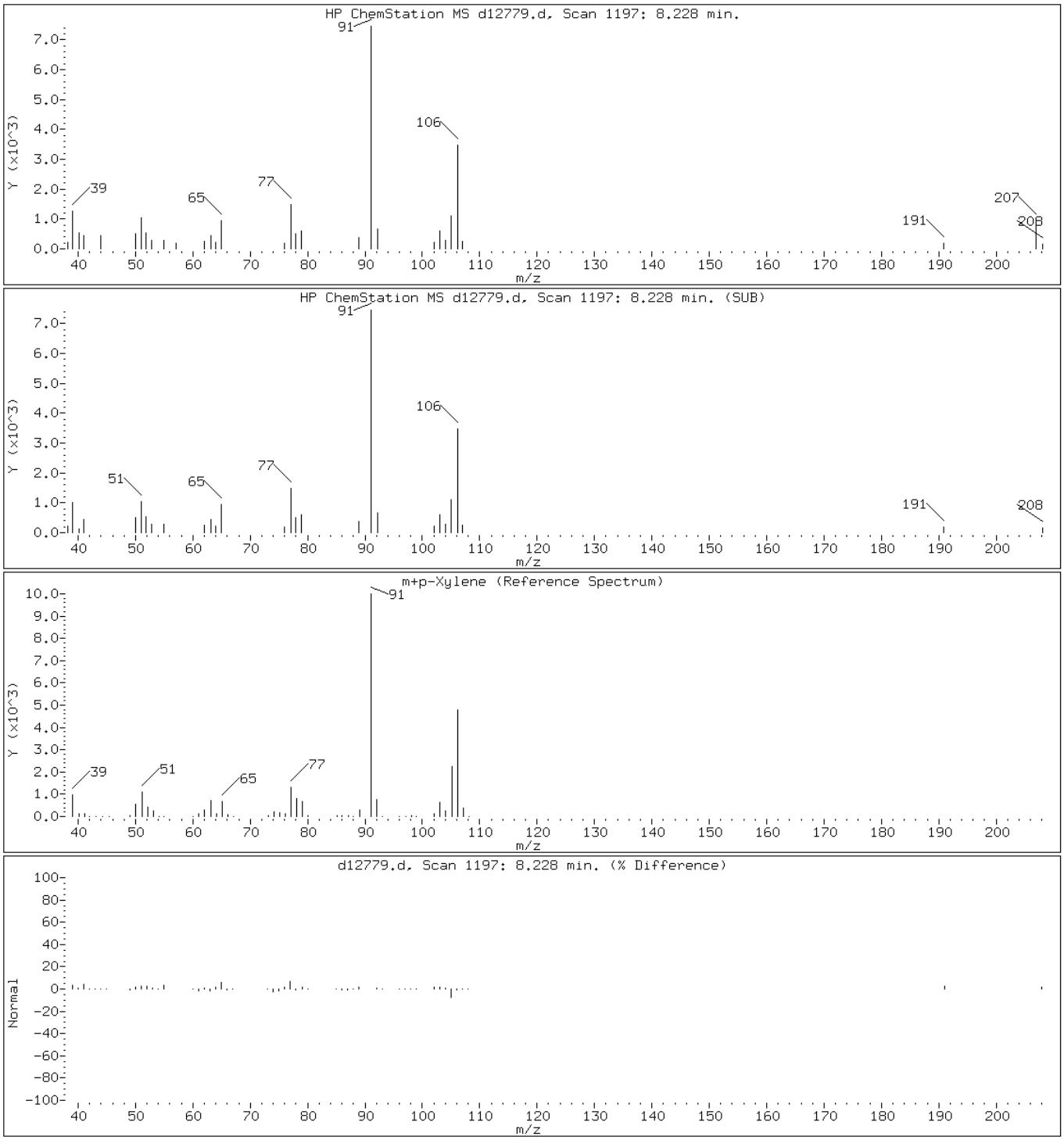
Data File: d12779.d

Date: 16-SEP-2011 12:46

Client ID: TB_090911 Instrument: VOAMS4.i

Sample Info: 460-30837-A-32-A;;;5.00;5 Operator: VOAMS 9

43 m+p-Xylene



FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84846

SDG No.:

Instrument ID: VOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2011 22:06 Calibration End Date: 09/01/2011 04:03 Calibration ID: 12079

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84846/7	a67472.d
Level 2	IC 460-84846/2	a67456.d
Level 3	ICIS 460-84846/3	a67458.d
Level 4	IC 460-84846/4	a67459.d
Level 5	IC 460-84846/5	a67460.d
Level 6	IC 460-84846/6	a67461.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	0.3608 0.4187	0.3804	0.3754	0.4175	0.3707	Ave		0.3873				6.4		15.0			
Chloromethane	0.6077 0.6114	0.5913	0.5932	0.6143	0.5661	Ave		0.5973			0.1000	3.0		15.0			
Vinyl chloride	0.6126 0.5709	0.5531	0.5539	0.5660	0.5250	Ave		0.5636				5.1		30.0			
Bromomethane	0.4347 0.3928	0.3672	0.3948	0.3924	0.3591	Ave		0.3902				6.8		15.0			
Chloroethane	0.4537 0.3640	0.3387	0.3594	0.3630	0.3379	Ave		0.3694				11.6		15.0			
Trichlorofluoromethane	0.6775 0.6795	0.6340	0.6325	0.6656	0.6098	Ave		0.6498				4.4		15.0			
Ethyl ether	0.3277 0.2893	0.2944	0.2777	0.2799	0.2670	Ave		0.2893				7.3		15.0			
Isopropene	0.3496 0.5297	0.5391	0.4251	0.4949	0.4808	LinF		0.5232							0.9983		0.9900
Acrolein	0.0614 0.0563	0.0628	0.0611	0.0550	0.0524	Ave		0.0582				7.2		15.0			
1,1-Dichloroethene	0.3127 0.3391	0.3019	0.3044	0.3105	0.3024	Ave		0.3118				4.5		30.0			
Freon TF	0.2049 0.3820	0.3723	0.2990	0.3571	0.3421	LinF		0.3768							0.9979		0.9900
Acetone	0.1105 0.0894	0.1157	0.1061	0.0952	0.0883	Ave		0.1009				11.4		15.0			
Iodomethane	0.5116 0.5689	0.5470	0.4758	0.5242	0.5170	Ave		0.5241				6.1		15.0			
Carbon disulfide	1.0210 1.2526	1.2488	1.0447	1.1681	1.1477	Ave		1.1471				8.6		15.0			
Methyl acetate	0.0959 0.0720	0.0853	0.0754	0.0716	0.0662	Ave		0.0777				14.0		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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84846

SDG No.:

Instrument ID: VOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2011 22:06 Calibration End Date: 09/01/2011 04:03 Calibration ID: 12079

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								
Acetonitrile	0.0168 0.0087	0.0136	0.0103	0.0091	0.0081	LinF		0.0086							0.9992		0.9900
Methylene Chloride	0.5368 0.3707	0.3748	0.3635	0.3585	0.3399	LinF		0.3667							0.9987		0.9900
TBA	0.0362 0.0346	0.0334	0.0321	0.0330	0.0312	Ave		0.0334				5.3		15.0			
MTBE	1.0041 1.0869	1.0869	0.9513	1.0132	0.9714	Ave		1.0190				5.6		15.0			
trans-1,2-Dichloroethene	0.3717 0.3517	0.3371	0.3087	0.3149	0.3101	Ave		0.3324				7.7		15.0			
Acrylonitrile	0.1014 0.1126	0.1088	0.1015	0.1082	0.1010	Ave		0.1056				4.7		15.0			
DIPE	1.2157 1.4059	1.3964	1.2812	1.3379	1.3027	Ave		1.3233				5.5		15.0			
Vinyl acetate	0.9825 0.9688	1.0866	0.9501	0.9401	0.8886	Ave		0.9695				6.8		15.0			
1,1-Dichloroethane	0.6330 0.6693	0.6140	0.6207	0.6188	0.6041	Ave		0.6267			0.1000	3.7		15.0			
Tert-butyl ethyl ether	1.1291 1.2197	1.2826	1.1253	1.1600	1.1209	Ave		1.1729				5.6		15.0			
2,2-Dichloropropane	0.5947 0.5991	0.5538	0.5713	0.5641	0.5470	Ave		0.5717				3.7		15.0			
cis-1,2-Dichloroethene	0.3712 0.3640	0.3086	0.3286	0.3259	0.3186	Ave		0.3362				7.6		15.0			
2-Butanone	0.0290 0.0353	0.0312	0.0339	0.0339	0.0309	Ave		0.0324				7.4		15.0			
Ethyl acetate	0.0250 0.0312	0.0331	0.0312	0.0290	0.0280	Ave		0.0296				9.7		15.0			
Bromochloromethane	0.1496 0.1534	0.1363	0.1417	0.1390	0.1358	Ave		0.1426				5.1		15.0			
Tetrahydrofuran	0.1096 0.0932	0.1191	0.0940	0.0917	0.0851	Ave		0.0988				13.0		15.0			
Chloroform	0.6055 0.5880	0.5338	0.5600	0.5474	0.5314	Ave		0.5610				5.4		30.0			
Cyclohexane	0.3493 0.7395	0.7161	0.5503	0.6708	0.6584	LinF		0.7287							0.9976		0.9900
1,1,1-Trichloroethane	0.5032 0.5974	0.4955	0.5281	0.5293	0.5275	Ave		0.5301				6.8		15.0			
Carbon tetrachloride	0.3245 0.4841	0.4035	0.4079	0.4180	0.4205	Ave		0.4098				12.5		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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84846

SDG No.:

Instrument ID: VOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2011 22:06 Calibration End Date: 09/01/2011 04:03 Calibration ID: 12079

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								
1,1-Dichloropropene	0.4095 0.5015	0.4330	0.4535	0.4587	0.4458	Ave		0.4504				6.8		15.0			
Benzene	1.8134 1.8193	1.8413	1.8326	1.8359	1.7336	Ave		1.8127				2.2		15.0			
Isopropyl acetate	0.7484 0.9143	0.9057	0.8340	0.8551	0.8341	Ave		0.8486				7.1		15.0			
Tert-amyl methyl ether	0.8848 1.1160	0.9945	0.9193	0.9696	0.9623	Ave		0.9744				8.2		15.0			
1,2-Dichloroethane	0.4631 0.5055	0.4335	0.4472	0.4559	0.4428	Ave		0.4580				5.6		15.0			
Trichloroethene	0.3257 0.3481	0.2933	0.3013	0.3045	0.3047	Ave		0.3129				6.5		15.0			
Methylcyclohexane	0.3322 0.6984	0.6482	0.4748	0.6053	0.5947	LinF		0.6851							0.9955		0.9900
Ethyl acrylate	0.6082 1.0076	0.9853	0.8085	0.9104	0.8898	LinF		0.9921							0.9973		0.9900
1,2-Dichloropropane	0.3307 0.3733	0.3503	0.3414	0.3445	0.3369	Ave		0.3462				4.3		30.0			
Methyl methacrylate	0.0689 0.0745	0.0764	0.0634	0.0642	0.0649	Ave		0.0687				8.1		15.0			
Dibromomethane	0.1711 0.1952	0.1631	0.1682	0.1710	0.1698	Ave		0.1731				6.5		15.0			
1,4-Dioxane	0.0029 +++++	0.0022	0.0028	0.0025	0.0031	Ave		0.0027				13.8		15.0			
Propyl acetate	0.4464 0.4791	0.4586	0.4387	0.4438	0.4240	Ave		0.4484				4.2		15.0			
Bromodichloromethane	0.3749 0.4624	0.3736	0.3937	0.4062	0.4040	Ave		0.4025				8.1		15.0			
2-Chloroethyl vinyl ether	0.1581 0.2026	0.1925	0.1736	0.1801	0.1795	Ave		0.1810				8.5		15.0			
Epichlorohydrin	0.0331 0.0380	0.0412	0.0369	0.0379	0.0356	Ave		0.0371				7.2		15.0			
cis-1,3-Dichloropropene	0.7325 0.7878	0.7173	0.7506	0.7579	0.7351	Ave		0.7469				3.3		15.0			
4-Methyl-2-pentanone	0.4082 0.4874	0.4777	0.4643	0.4717	0.4514	Ave		0.4601				6.1		15.0			
Toluene	2.0201 2.0127	1.9166	1.9101	1.9087	1.8313	Ave		1.9333				3.7		30.0			
trans-1,3-Dichloropropene	0.6881 0.7034	0.6704	0.6606	0.6773	0.6511	Ave		0.6751				2.8		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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84846

SDG No.:

Instrument ID: VOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2011 22:06 Calibration End Date: 09/01/2011 04:03 Calibration ID: 12079

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								
1,1,2-Trichloroethane	0.3604 0.3133	0.2984	0.2984	0.2979	0.2892	Ave		0.3096				8.4		15.0			
Tetrachloroethene	0.3340 0.4312	0.3846	0.3751	0.3804	0.3842	Ave		0.3816				8.1		15.0			
1,3-Dichloropropane	0.6000 0.6657	0.6371	0.6527	0.6599	0.6222	Ave		0.6396				3.9		15.0			
2-Hexanone	0.2804 0.3160	0.3165	0.3064	0.3095	0.2913	Ave		0.3033				4.8		15.0			
Dibromochloromethane	0.2858 0.4145	0.3306	0.3559	0.3688	0.3659	Ave		0.3536				12.1		15.0			
1,2-Dibromoethane	0.3090 0.3429	0.2957	0.3247	0.3355	0.3133	Ave		0.3202				5.5		15.0			
Chlorobenzene	1.1578 1.3037	1.1350	1.1488	1.1658	1.1441	Ave		1.1759			0.3000	5.4		15.0			
Ethylbenzene	0.6199 0.8145	0.6279	0.6564	0.6660	0.6817	Ave		0.6777				10.5		30.0			
1,1,1,2-Tetrachloroethane	0.3853 0.5321	0.4065	0.4203	0.4317	0.4415	Ave		0.4362				11.7		15.0			
m&p-Xylene	0.7087 1.0546	0.7789	0.8090	0.8324	0.8556	Ave		0.8399				13.9		15.0			
o-Xylene	0.7715 1.1122	0.8009	0.8280	0.8493	0.8771	Ave		0.8732				14.1		15.0			
Styrene	1.2575 1.8049	1.3301	1.3954	1.4156	1.4212	Ave		1.4374				13.3		15.0			
Bromoform	0.1347 0.2657	0.1778	0.1866	0.2056	0.2059	QuaF		5.3101	-0.582		0.1000				0.9999		0.9900
Isopropylbenzene	1.7954 2.6498	2.0770	2.1240	2.1989	2.2288	Ave		2.1790				12.7		15.0			
Camphene, Total	1.6569 0.9138	1.0331	0.6734	0.7798	0.7707	LinF		0.8957							0.9951		0.9900
Monobromobenzene	0.8527 0.9960	0.8383	0.9111	0.8968	0.9031	Ave		0.8997				6.2		15.0			
1,1,2,2-Tetrachloroethane	0.9912 0.9256	0.8460	0.9392	0.9305	0.8778	Ave		0.9184			0.3000	5.5		15.0			
N-Propylbenzene	4.5006 5.4565	5.0715	5.4152	5.4231	5.3817	Ave		5.2081				7.2		15.0			
1,2,3-Trichloropropane	0.2861 0.2661	0.2514	0.2635	0.2496	0.2441	Ave		0.2601				5.9		15.0			
2-Chlorotoluene	2.6845 3.1802	2.9188	3.2373	3.1172	3.0541	Ave		3.0320				6.7		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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84846

SDG No.:

Instrument ID: VOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2011 22:06 Calibration End Date: 09/01/2011 04:03 Calibration ID: 12079

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								
1,3,5-Trimethylbenzene	2.9655 4.0548	3.4436	3.7563	3.7473	3.8235	Ave		3.6318				10.5		15.0			
4-Chlorotoluene	2.6889 3.3728	3.0173	3.3703	3.1586	3.1018	Ave		3.1183				8.2		15.0			
Butyl Methacrylate	1.1229 1.4592	1.4232	1.3524	1.3908	1.3430	Ave		1.3486				8.8		15.0			
tert-Butylbenzene	2.4260 3.4119	2.8002	3.0660	3.0589	3.2030	Ave		2.9943				11.5		15.0			
1,2,4-Trimethylbenzene	2.9980 4.1659	3.4609	3.8384	3.7971	3.8948	Ave		3.6925				11.1		15.0			
sec-Butylbenzene	3.7129 5.3635	4.4923	4.8390	4.9887	5.1286	Ave		4.7542				12.4		15.0			
p-Isopropyltoluene	3.2526 4.8693	3.5838	4.0521	4.1689	4.6310	Ave		4.0930				14.9		15.0			
1,3-Dichlorobenzene	1.6207 2.4439	1.7400	1.8765	1.9469	2.1156	Ave		1.9573				15.0		15.0			
1,4-Dichlorobenzene	1.8327 2.1811	1.7963	1.8975	1.9171	1.9100	Ave		1.9225				7.0		15.0			
n-Butylbenzene	3.3717 4.1398	3.7943	4.1244	4.1839	4.1737	Ave		3.9646				8.2		15.0			
1,2-Dichlorobenzene	1.5606 2.0402	1.6560	1.8025	1.8064	1.8154	Ave		1.7802				9.2		15.0			
1,2-Dibromo-3-Chloropropane	0.2324 0.1561	0.1717	0.1617	0.1645	0.1564	LinF		0.1562							1.0000		0.9900
1,2,4-Trichlorobenzene	1.2035 1.0679	1.0268	1.0820	1.1492	1.1397	Ave		1.1115				5.8		15.0			
Hexachlorobutadiene	0.4685 0.5508	0.5080	0.5528	0.6048	0.6012	Ave		0.5477				9.7		15.0			
Naphthalene	3.0982 1.9626	1.9794	2.0497	2.2499	2.0909	QuaF		0.4530	0.0029						1.0000		0.9900
1,2,3-Trichlorobenzene	1.3419 0.6900	0.7411	0.7365	0.8185	0.7717	QuaF		1.1790	0.0391						1.0000		0.9900
1,2-Dichloroethane-d4 (Surr)	0.3239 0.3518	0.3281	0.3342	0.3324	0.3366	Ave		0.3345				2.9		15.0			
Toluene-d8 (Surr)	1.3268 1.2770	1.3453	1.3157	1.3162	1.3064	Ave		1.3146				1.7		15.0			
Bromofluorobenzene	0.7344 0.7216	0.7337	0.7634	0.7429	0.7597	Ave		0.7426				2.2		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 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84846

SDG No.:

Instrument ID: VOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2011 22:06 Calibration End Date: 09/01/2011 04:03 Calibration ID: 12079

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84846/7	a67472.d
Level 2	IC 460-84846/2	a67456.d
Level 3	ICIS 460-84846/3	a67458.d
Level 4	IC 460-84846/4	a67459.d
Level 5	IC 460-84846/5	a67460.d
Level 6	IC 460-84846/6	a67461.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	3237 1480497	14850	53313	149017	566495	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	5452 2161773	23081	84251	219233	865046	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	5496 2018331	21592	78672	202003	802261	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	3900 1388603	14335	56075	140035	548697	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	4070 1286789	13222	51045	129556	516377	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	6078 2402347	24747	89837	237554	931809	1.00 500	5.00	20.0	50.0	200
Ethyl ether	FB	Ave	2940 1022815	11493	39446	99897	408020	1.00 500	5.00	20.0	50.0	200
Isopropene	FB	LinF	3136 1872893	21044	60381	176633	734600	1.00 500	5.00	20.0	50.0	200
Acrolein	FB	Ave	2203 159293	9807	17344	39257	80104	4.00 400	20.0	40.0	100	200
1,1-Dichloroethene	FB	Ave	2805 1199045	11786	43235	110825	462122	1.00 500	5.00	20.0	50.0	200
Freon TF	FB	LinF	1838 1350599	14534	42472	127449	522670	1.00 500	5.00	20.0	50.0	200
Acetone	FB	Ave	9912 316227	13549	15069	33973	134984	10.0 500	15.0	20.0	50.0	200
Iodomethane	FB	Ave	4590 2011352	21353	67583	187077	789999	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	9160 4428657	48747	148384	416879	1753636	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	Ave	860 254638	3330	10714	25541	101217	1.00 500	5.00	20.0	50.0	200
Acetonitrile	FB	LinF	3008 612516	10616	29206	64775	248637	20.0 10000	100	400	1000	4000

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84846

SDG No.:

Instrument ID: VOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2011 22:06 Calibration End Date: 09/01/2011 04:03 Calibration ID: 12079

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
Methylene Chloride	FB	LinF	4816 1310485	14632	51624	127948	519372	1.00 500	5.00	20.0	50.0	200
TBA	FB	Ave	6493 2443964	26084	91239	235295	952819	20.0 10000	100	400	1000	4000
MTBE	FB	Ave	9008 3842691	42427	135116	361614	1484264	1.00 500	5.00	20.0	50.0	200
trans-1,2-Dichloroethene	FB	Ave	3335 1243438	13158	43848	112399	473832	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	FB	Ave	1820 159261	8491	14410	38607	77156	2.00 200	10.0	20.0	50.0	100
DIPE	FB	Ave	10906 4970584	54512	181960	477483	1990540	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	Ave	8814 3425418	42416	134944	335520	1357813	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	5679 2366478	23969	88152	220846	923051	1.00 500	5.00	20.0	50.0	200
Tert-butyl ethyl ether	FB	Ave	10129 4312318	50066	159818	414011	1712735	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	5335 2118260	21620	81144	201321	835817	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	3330 1287047	12048	46670	116314	486778	1.00 500	5.00	20.0	50.0	200
2-Butanone	FB	Ave	2603 124904	3656	4810	12113	47144	10.0 500	15.0	20.0	50.0	200
Ethyl acetate	FB	Ave	449 220789	2584	8871	20720	85494	2.00 1000	10.0	40.0	100	400
Bromochloromethane	FB	Ave	1342 542343	5319	20126	49617	207529	1.00 500	5.00	20.0	50.0	200
Tetrahydrofuran	FB	Ave	983 329350	4651	13346	32721	130057	1.00 500	5.00	20.0	50.0	200
Chloroform	FB	Ave	5432 2078929	20837	79530	195382	811990	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	LinF	3134 2614523	27954	78162	239421	1006019	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	4514 2112093	19341	75001	188897	806085	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	2911 1711548	15752	57940	149183	642562	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	3674 1773139	16904	64414	163724	681205	1.00 500	5.00	20.0	50.0	200
Benzene	CBZ	Ave	11064 4820955	47909	178760	452314	1875530	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.: 460-30837-1 Analy Batch No.: 84846

SDG No.:

Instrument ID: VOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2011 22:06 Calibration End Date: 09/01/2011 04:03 Calibration ID: 12079

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
Isopropyl acetate	FB	Ave	13428 6465294	70711	236917	610400	2548869	2.00 1000	10.0	40.0	100	400
Tert-amyl methyl ether	FB	Ave	7938 3945781	38823	130573	346040	1470351	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	4155 1787268	16921	63516	162699	676661	1.00 500	5.00	20.0	50.0	200
Trichloroethene	FB	Ave	2922 1230616	11449	42793	108686	465577	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	LinF	2980 2469075	25302	67436	216037	908628	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	LinF	5456 3562326	38464	114834	324914	1359657	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	2967 1319927	13673	48484	122964	514836	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	618 263290	2982	9003	22909	99175	1.00 500	5.00	20.0	50.0	200
Dibromomethane	FB	Ave	1535 690274	6367	23896	61020	259483	1.00 500	5.00	20.0	50.0	200
1,4-Dioxane	FB	Ave	1319 +++++	1706	2953	3572	6002	50.0 +++++	100	150	200	250
Propyl acetate	FB	Ave	8010 3387865	35807	124603	316788	1295727	2.00 1000	10.0	40.0	100	400
Bromodichloromethane	FB	Ave	3363 1634674	14583	55915	144976	617359	1.00 500	5.00	20.0	50.0	200
2-Chloroethyl vinyl ether	FB	Ave	1418 716375	7514	24651	64265	274240	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	CBZ	Ave	4043 2015950	21414	71952	186601	770566	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	CBZ	Ave	4469 2087717	18664	73218	186722	795221	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone	CBZ	Ave	24908 1291578	37288	45291	116209	488392	10.0 500	15.0	20.0	50.0	200
Toluene	CBZ	Ave	12325 5333549	49870	186324	470258	1981127	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	4198 1863904	17444	64436	166882	704377	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	2199 830195	7765	29106	73390	312921	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBZ	Ave	2038 1142760	10007	36593	93712	415686	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	3661 1764080	16577	63665	162581	673072	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.: 460-30837-1 Analy Batch No.: 84846

SDG No.:

Instrument ID: VOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2011 22:06 Calibration End Date: 09/01/2011 04:03 Calibration ID: 12079

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-Hexanone	CBZ	Ave	17106 837267	24709	29886	76259	315102	10.0 500	15.0	20.0	50.0	200
Dibromochloromethane	CBZ	Ave	1744 1098410	8602	34720	90874	395897	1.00 500	5.00	20.0	50.0	200
1,2-Dibromoethane	CBZ	Ave	1885 908623	7694	31673	82671	338892	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBZ	Ave	7064 3454846	29531	112063	287229	1237738	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	3782 2158366	16338	64034	164087	737449	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	2351 1410119	10577	41002	106354	477621	1.00 500	5.00	20.0	50.0	200
m&p-Xylene	CBZ	Ave	8648 5589389	40532	157822	410182	1851232	2.00 1000	10.0	40.0	100	400
o-Xylene	CBZ	Ave	4707 2947396	20838	80771	209247	948894	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	7672 4782968	34608	136111	348758	1537496	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	QuaF	822 704177	4626	18198	50652	222753	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	10954 7021787	54042	207190	541768	2411190	1.00 500	5.00	20.0	50.0	200
Camphene, Total	CBZ	LinF	10109 2421626	26880	65687	192127	833820	1.00 500	5.00	20.0	50.0	200
Monobromobenzene	DCB	Ave	2679 1609863	11342	44491	113651	505022	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	3114 1496119	11447	45863	117921	490861	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	Ave	14140 8819500	68619	264446	687269	3009601	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	899 430170	3401	12866	31627	136526	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	8434 5140231	39492	158090	395049	1707907	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	9317 6553887	46593	183436	474895	2138184	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	8448 5451486	40825	164582	400291	1734589	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	Ave	3528 2358581	19257	66042	176261	751022	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	Ave	7622 5514650	37888	149726	387658	1791168	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.: 460-30837-1 Analy Batch No.: 84846

SDG No.:

Instrument ID: VOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2011 22:06 Calibration End Date: 09/01/2011 04:03 Calibration ID: 12079

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-Trimethylbenzene	DCB	Ave	9419 6733377	46827	187444	481207	2178085	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	Ave	11665 8669159	60782	236307	632224	2868011	1.00 500	5.00	20.0	50.0	200
p-Isopropyltoluene	DCB	Ave	10219 7870342	48490	197879	528333	2589750	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	5092 3950123	23543	91635	246736	1183093	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	5758 3525311	24305	92661	242953	1068139	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	10593 6691216	51338	201407	530231	2334037	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	4903 3297545	22406	88021	228929	1015239	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	LinF	730 252260	2323	7897	20847	87460	1.00 500	5.00	20.0	50.0	200
1,2,4-Trichlorobenzene	DCB	Ave	3781 1726023	13893	52840	145638	637337	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	Ave	1472 890213	6873	26995	76647	336200	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCB	QuaF	9734 3172138	26782	100092	285129	1169266	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	QuaF	4216 1115209	10028	35965	103728	431549	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane-d4 (Surr)	FB	Ave	145300 124390	128079	118659	118650	128584	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	404759 338394	350035	320850	324283	353317	50.0 50.0	50.0	50.0	50.0	50.0
Bromofluorobenzene	DCB	Ave	115364 116635	99278	93193	94149	106215	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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 85142

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/03/2011 03:40 Calibration End Date: 09/03/2011 06:04 Calibration ID: 12103

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-85142/2	d12351.d
Level 2	IC 460-85142/3	d12353.d
Level 3	ICIS 460-85142/4	d12354.d
Level 4	IC 460-85142/5	d12355.d
Level 5	IC 460-85142/6	d12356.d
Level 6	IC 460-85142/7	d12357.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	0.5732 0.4443	0.5369	0.5291	0.5032	0.4611	Ave		0.5080				9.6		15.0			
Chloromethane	0.6350 0.4944	0.5807	0.5641	0.5427	0.5086	Ave		0.5543			0.1000	9.2		15.0			
Vinyl chloride	0.5464 0.4450	0.4896	0.4924	0.4598	0.4536	Ave		0.4811				7.8		30.0			
Bromomethane	0.2668 0.2764	0.2623	0.3132	0.3005	0.2867	Ave		0.2843				7.0		15.0			
Chloroethane	0.3707 0.2517	0.2969	0.2941	0.2691	0.2601	Ave		0.2904				14.9		15.0			
n-Pentane	0.0922 0.0469	0.0599	0.0610	0.0456	0.0442	LinF		0.0466							0.9991		0.9900
Trichlorofluoromethane	1.0694 0.7106	0.8574	0.8489	0.7939	0.7628	Ave		0.8405				14.8		15.0			
Isopropene	0.4760 0.4222	0.4417	0.4557	0.3948	0.4075	Ave		0.4330				7.1		15.0			
Ethyl ether	0.4170 0.2699	0.3278	0.3000	0.2703	0.2642	LinF		0.2692							0.9999		0.9900
1,1-Dichloroethene	0.3325 0.2687	0.2926	0.3090	0.2896	0.2843	Ave		0.2961				7.5		30.0			
Carbon disulfide	1.2000 1.1103	1.1338	1.1974	1.0260	1.0473	Ave		1.1191				6.5		15.0			
Freon TF	0.4194 0.3359	0.3735	0.3873	0.3248	0.3150	Ave		0.3593				11.3		15.0			
Iodomethane	0.6486 0.5664	0.6090	0.6535	0.5635	0.5510	Ave		0.5987				7.5		15.0			
Acrolein	0.0820 0.0684	0.0808	0.0697	0.0726	0.0633	Ave		0.0728				10.1		15.0			
Methylene Chloride	0.5499 0.3609	0.4460	0.4057	0.4024	0.3816	LinF		0.3643							0.9992		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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 85142

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/03/2011 03:40 Calibration End Date: 09/03/2011 06:04 Calibration ID: 12103

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								
Acetone	0.2217 0.1428	0.2424	0.2047	0.1629	0.1401	LinF		0.1429							0.9996		0.9900
trans-1,2-Dichloroethene	0.4066 0.3200	0.3763	0.3527	0.3649	0.3390	Ave		0.3599				8.4		15.0			
Methyl acetate	0.0974 0.0845	0.0957	0.0925	0.0779	0.0820	Ave		0.0883				9.0		15.0			
Hexane	0.4657 0.3077	0.3442	0.3936	0.3393	0.2833	LinF		0.3050							0.9985		0.9900
MTBE	1.2689 1.2520	1.2518	1.2607	1.1268	1.1507	Ave		1.2185				5.1		15.0			
TBA	0.0523 0.0556	0.0603	0.0541	0.0527	0.0507	Ave		0.0543				6.3		15.0			
Acetonitrile	0.0770 0.0770	0.0759	0.0857	0.0774	0.0751	Ave		0.0780				4.9		15.0			
DIPE	1.6823 1.5406	1.5098	1.5363	1.3830	1.4180	Ave		1.5117				7.0		15.0			
1,1-Dichloroethane	0.8223 0.6683	0.7571	0.7165	0.7348	0.7039	Ave		0.7338			0.1000	7.2		15.0			
Acrylonitrile	0.1681 0.1469	0.1755	0.1473	0.1575	0.1407	Ave		0.1560				8.7		15.0			
Vinyl acetate	0.7541 0.6488	0.6671	0.6730	0.6362	0.6035	Ave		0.6638				7.6		15.0			
Tert-butyl ethyl ether	1.3167 1.3682	1.2958	1.3358	1.2070	1.2410	Ave		1.2941				4.7		15.0			
cis-1,2-Dichloroethene	0.3903 0.3536	0.3915	0.3755	0.3911	0.3784	Ave		0.3801				3.9		15.0			
2,2-Dichloropropane	0.6702 0.6193	0.6010	0.6146	0.6440	0.6501	Ave		0.6332				4.1		15.0			
Bromochloromethane	0.1624 0.1745	0.1926	0.1977	0.1945	0.1888	Ave		0.1851				7.4		15.0			
Cyclohexane	0.7319 0.6754	0.3787	0.7466	0.6512	0.6200	LinF		0.6683							0.9987		0.9900
Chloroform	0.8375 0.7097	0.7833	0.7217	0.7778	0.7565	Ave		0.7644				6.1		30.0			
Carbon tetrachloride	0.7256 0.6736	0.6484	0.6864	0.7015	0.7013	Ave		0.6895				3.9		15.0			
Ethyl acetate	0.0452 0.0387	0.0360	0.0388	0.0354	0.0360	Ave		0.0384				9.5		15.0			
1,1,1-Trichloroethane	0.7677 0.6942	0.7229	0.7072	0.7384	0.7432	Ave		0.7289				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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 85142

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/03/2011 03:40 Calibration End Date: 09/03/2011 06:04 Calibration ID: 12103

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								
1,1-Dichloropropene	0.7851 0.4996	0.5904	0.5211	0.5364	0.5258	LinF		0.5037							0.9995		0.9900
2-Butanone	0.2360 0.2151	0.2856	0.2548	0.2178	0.2088	Ave		0.2364				12.4		15.0			
n-Heptane	0.4174 0.3908	0.4497	0.4671	0.4357	0.3614	Ave		0.4203				9.3		15.0			
Benzene	1.4080 1.3171	1.3642	1.3302	1.4013	1.3698	Ave		1.3651				2.7		15.0			
Tert-amyl methyl ether	0.9762 1.1499	1.0392	1.0570	0.9856	1.0375	Ave		1.0409				6.0		15.0			
1,2-Dichloroethane	0.6586 0.5794	0.6324	0.5832	0.6409	0.6105	Ave		0.6175				5.2		15.0			
Isopropyl acetate	0.6756 0.9442	0.7645	0.8197	0.8408	0.8585	Ave		0.8172				11.1		15.0			
Methylcyclohexane	0.6541 0.6094	0.6358	0.6837	0.6166	0.5397	Ave		0.6232				7.9		15.0			
Trichloroethene	0.3721 0.3479	0.3569	0.3391	0.3773	0.3614	Ave		0.3591				4.0		15.0			
Dibromomethane	0.2747 0.2271	0.2277	0.2258	0.2393	0.2319	Ave		0.2377				7.9		15.0			
1,2-Dichloropropane	0.4215 0.3603	0.3714	0.3404	0.3784	0.3711	Ave		0.3739				7.2		30.0			
Ethyl acrylate	0.3586 0.4843	0.3794	0.3900	0.3937	0.4225	Ave		0.4047				10.9		15.0			
Bromodichloromethane	0.5054 0.5315	0.4923	0.4738	0.5373	0.5406	Ave		0.5135				5.3		15.0			
Methyl methacrylate	0.2025 0.2371	0.2002	0.1980	0.2037	0.2144	Ave		0.2093				7.0		15.0			
1,4-Dioxane	0.0048 0.0046	0.0052	0.0043	0.0037	0.0044	Ave		0.0045				11.3		15.0			
Propyl acetate	0.4058 0.6424	0.4808	0.5184	0.5383	0.5612	LinF		0.6316							0.9967		0.9900
2-Chloroethyl vinyl ether	0.1904 0.2040	0.1504	0.1765	0.1732	0.1819	Ave		0.1794				10.0		15.0			
cis-1,3-Dichloropropene	0.5192 0.5760	0.4688	0.4805	0.5546	0.5725	Ave		0.5286				8.8		15.0			
Toluene	1.9710 1.8875	1.9257	1.8252	1.9807	1.9714	Ave		1.9269				3.2		30.0			
Epichlorohydrin	0.0297 0.0408	0.0349	0.0346	0.0363	0.0364	Ave		0.0355				10.2		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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 85142

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/03/2011 03:40 Calibration End Date: 09/03/2011 06:04 Calibration ID: 12103

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								
Tetrachloroethene	0.5483 0.5119	0.5335	0.5166	0.5477	0.5450	Ave		0.5338				3.0		15.0			
4-Methyl-2-pentanone	0.4084 0.5020	0.4425	0.4175	0.4509	0.4601	Ave		0.4469				7.5		15.0			
trans-1,3-Dichloropropene	0.6682 0.7452	0.6210	0.6359	0.7220	0.7593	Ave		0.6919				8.4		15.0			
1,1,2-Trichloroethane	0.3446 0.3285	0.3372	0.3232	0.3465	0.3429	Ave		0.3372				2.8		15.0			
Dibromochloromethane	0.4893 0.5138	0.4083	0.4424	0.5154	0.5287	Ave		0.4830				9.9		15.0			
1,3-Dichloropropane	0.7396 0.6840	0.6717	0.6566	0.7129	0.7127	Ave		0.6962				4.4		15.0			
1,2-Dibromoethane	0.4256 0.3980	0.3921	0.3706	0.4114	0.4114	Ave		0.4015				4.8		15.0			
Butyl acetate	0.7287 0.9974	0.7537	0.8282	0.8639	0.9040	Ave		0.8460				11.7		15.0			
2-Hexanone	0.3624 0.4476	0.4419	0.4810	0.4349	0.4242	Ave		0.4320				9.1		15.0			
Chlorobenzene	1.3307 1.1989	1.2600	1.1612	1.2372	1.2245	Ave		1.2354			0.3000	4.7		15.0			
Ethylbenzene	0.5817 0.6400	0.6631	0.6319	0.6808	0.6794	Ave		0.6462				5.8		30.0			
1,1,1,2-Tetrachloroethane	0.4861 0.5561	0.4972	0.5228	0.5743	0.5976	Ave		0.5390				8.2		15.0			
m&p-Xylene	0.7603 0.8248	0.7973	0.7991	0.8490	0.8563	Ave		0.8145				4.4		15.0			
o-Xylene	0.8006 0.8437	0.7900	0.7963	0.9011	0.8933	Ave		0.8375				6.0		15.0			
Bromoform	0.2656 0.3615	0.3014	0.3185	0.3595	0.3748	Ave		0.3302			0.1000	12.8		15.0			
Styrene	1.1071 1.3571	1.1238	1.2148	1.3637	1.3729	Ave		1.2566				9.9		15.0			
Butyl acrylate	1.4195 2.0134	1.4843	1.6655	1.7268	1.8196	Ave		1.6882				12.9		15.0			
Isopropylbenzene	2.1694 2.4702	2.2901	2.3744	2.6309	2.6540	Ave		2.4315				7.9		15.0			
Camphene, Total	1.2361 1.5607	1.4199	1.5689	1.5344	1.4002	Ave		1.4534				8.8		15.0			
Monobromobenzene	1.2345 1.0464	1.0280	0.9899	1.0572	1.0874	Ave		1.0739				7.9		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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 85142

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/03/2011 03:40 Calibration End Date: 09/03/2011 06:04 Calibration ID: 12103

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								
N-Propylbenzene	5.1836 4.9381	4.9316	4.9294	5.4375	5.6425	Ave		5.1771				5.9		15.0			
1,1,2,2-Tetrachloroethane	1.1269 1.1367	1.1221	1.0024	1.1923	1.1820	Ave		1.1271			0.3000	6.0		15.0			
2-Chlorotoluene	3.1714 3.2627	2.9362	2.8963	3.2379	3.3214	Ave		3.1377				5.7		15.0			
1,2,3-Trichloropropane	0.2825 0.3234	0.3211	0.3221	0.3477	0.3402	Ave		0.3228				7.0		15.0			
1,3,5-Trimethylbenzene	3.4343 4.0532	3.4307	3.5100	4.0039	4.2595	Ave		3.7819				9.7		15.0			
trans-1,4-Dichloro-2-butene	0.1102 0.1269	0.1189	0.1125	0.1074	0.1129	Ave		0.1148				6.1		15.0			
4-Chlorotoluene	3.2054 3.2091	2.8908	2.8102	3.0618	3.1804	Ave		3.0596				5.6		15.0			
tert-Butylbenzene	2.4951 3.5371	2.6629	2.8369	3.2677	3.5603	Ave		3.0600				15.0		15.0			
Butyl Methacrylate	0.9363 1.6599	1.1339	1.3562	1.4551	1.4907	LinF		1.6369							0.9979		0.9900
1,2,4-Trimethylbenzene	3.6804 4.1139	3.5102	3.6529	4.0560	4.2209	Ave		3.8724				7.6		15.0			
sec-Butylbenzene	4.3611 4.9086	4.4974	4.6081	5.2379	5.6684	Ave		4.8802				10.2		15.0			
p-Isopropyltoluene	3.3977 4.3225	3.7782	3.7943	4.3671	4.6719	Ave		4.0553				11.7		15.0			
1,3-Dichlorobenzene	2.1754 2.0139	2.0435	1.8753	2.0406	2.0455	Ave		2.0324				4.7		15.0			
2-Octanol	0.3498 +++++	0.3352	0.3218	0.4057	0.4287	Ave		0.3682				12.6		15.0			
1,4-Dichlorobenzene	2.4353 2.0027	2.0785	1.9158	2.0333	2.0344	Ave		2.0834				8.7		15.0			
2-Octanone	1.3309 1.8403	1.3806	1.4853	1.6610	1.5934	Ave		1.5486				12.2		15.0			
Benzyl chloride	0.2852 0.3949	0.2790	0.2928	0.3240	0.3603	Ave		0.3227				14.4		15.0			
n-Butylbenzene	2.2224 2.4838	2.1533	2.2447	2.4212	2.4948	Ave		2.3367				6.3		15.0			
1,2-Dichlorobenzene	2.1594 2.0735	2.0620	1.9333	2.1403	2.1246	Ave		2.0822				3.9		15.0			
1,2-Dibromo-3-Chloropropane	0.3243 0.2861	0.2628	0.2458	0.2816	0.2895	Ave		0.2817				9.4		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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 85142

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/03/2011 03:40 Calibration End Date: 09/03/2011 06:04 Calibration ID: 12103

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	1.0582 1.1783	1.0580	1.0074	1.0923	1.2051	Ave		1.0999				7.0		15.0			
1,2,4-Trichlorobenzene	2.2384 1.8577	1.8335	1.7298	1.8793	1.8524	Ave		1.8985				9.2		15.0			
Camphor	0.0755 0.1582	0.0914	0.0950	0.1240	0.1285	LinF		0.1546							0.9925		0.9900
Naphthalene	4.4040 4.3930	3.9796	3.9979	4.5352	4.4161	Ave		4.2876				5.5		15.0			
1,2,3-Trichlorobenzene	2.0404 1.8942	1.9023	1.7809	1.9387	1.9053	Ave		1.9103				4.4		15.0			
1,2-Dichloroethane-d4 (Surr)	0.4701 0.4706	0.4780	0.4765	0.4912	0.4710	Ave		0.4762				1.7		15.0			
Toluene-d8 (Surr)	1.4529 1.4551	1.4712	1.4654	1.4683	1.4709	Ave		1.4639				0.5		15.0			
Bromofluorobenzene	1.0099 1.0427	0.9806	1.0093	1.0097	1.0255	Ave		1.0130				2.0		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.: 460-30837-1 Analy Batch No.: 85142

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/03/2011 03:40 Calibration End Date: 09/03/2011 06:04 Calibration ID: 12103

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-85142/2	d12351.d
Level 2	IC 460-85142/3	d12353.d
Level 3	ICIS 460-85142/4	d12354.d
Level 4	IC 460-85142/5	d12355.d
Level 5	IC 460-85142/6	d12356.d
Level 6	IC 460-85142/7	d12357.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	5528 2819003	26507	103104	269829	1046057	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	6124 3136897	28670	109940	290978	1153950	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	5270 2823103	24172	95953	246569	1029143	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	2573 1753600	12949	61045	161109	650538	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	3575 1597062	14655	57321	144315	590107	1.00 500	5.00	20.0	50.0	200
n-Pentane	FB	LinF	889 297768	2956	11882	24453	100197	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	10314 4508428	42328	165430	425702	1730576	1.00 500	5.00	20.0	50.0	200
Isopropene	FB	Ave	4591 2678612	21806	88798	211722	924556	1.00 500	5.00	20.0	50.0	200
Ethyl ether	FB	LinF	4022 1712283	16181	58464	144911	599315	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethene	FB	Ave	3207 1704791	14447	60225	155282	645096	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	11574 7044715	55972	233354	550144	2376193	1.00 500	5.00	20.0	50.0	200
Freon TF	FB	Ave	4045 2131269	18437	75473	174171	714777	1.00 500	5.00	20.0	50.0	200
Iodomethane	FB	Ave	6256 3593329	30066	127363	302173	1250228	1.00 500	5.00	20.0	50.0	200
Acrolein	FB	Ave	79067 520968	159540	203773	311231	358907	100 600	200	300	400	500
Methylene Chloride	FB	LinF	5304 2289757	22018	79053	215764	865873	1.00 500	5.00	20.0	50.0	200
Acetone	FB	LinF	21378 1812252	35905	39883	87355	317764	10.0 1000	15.0	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 85142

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/03/2011 03:40 Calibration End Date: 09/03/2011 06:04 Calibration ID: 12103

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
trans-1,2-Dichloroethene	FB	Ave	3922 2030599	18575	68736	195659	769096	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	Ave	939 536122	4724	18035	41790	186157	1.00 500	5.00	20.0	50.0	200
Hexane	FB	LinF	4492 1951940	16994	76707	181928	642708	1.00 500	5.00	20.0	50.0	200
MTBE	FB	Ave	12238 7943267	61799	245688	604193	2610684	1.00 500	5.00	20.0	50.0	200
TBA	FB	Ave	10089 7060567	59538	210837	564994	2298600	20.0 10000	100	400	1000	4000
Acetonitrile	FB	Ave	14844 9772715	74915	333987	829525	3408724	20.0 10000	100	400	1000	4000
DIPE	FB	Ave	16225 9774660	74534	299401	741579	3217306	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	7931 4239996	37376	139633	393991	1596999	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	FB	Ave	81068 559367	173286	215333	337861	399134	50.0 300	100	150	200	250
Vinyl acetate	FB	Ave	7273 4116267	32933	131161	341148	1369344	1.00 500	5.00	20.0	50.0	200
Tert-butyl ethyl ether	FB	Ave	12699 8680433	63969	260320	647227	2815695	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	3764 2243785	19328	73182	209718	858465	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	6464 3929198	29672	119768	345318	1474959	1.00 500	5.00	20.0	50.0	200
Bromochloromethane	FB	Ave	1566 1106897	9509	38526	104300	428435	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	LinF	7059 4285298	18697	145504	349175	1406766	1.00 500	5.00	20.0	50.0	200
Chloroform	FB	Ave	8077 4502481	38669	140654	417055	1716281	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	6998 4274018	32011	133769	376157	1591062	1.00 500	5.00	20.0	50.0	200
Ethyl acetate	FB	Ave	871 490985	3558	15134	37961	163372	2.00 1000	10.0	40.0	100	400
1,1,1-Trichloroethane	FB	Ave	7404 4404163	35689	137819	395913	1686244	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	LinF	7572 3169815	29145	101557	287633	1193040	1.00 500	5.00	20.0	50.0	200
2-Butanone	FB	Ave	22762 2729912	42300	49659	116771	473791	10.0 1000	15.0	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 85142

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/03/2011 03:40 Calibration End Date: 09/03/2011 06:04 Calibration ID: 12103

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
n-Heptane	CBZ	Ave	2815 1807081	15077	62938	163685	575606	1.00 500	5.00	20.0	50.0	200
Benzene	FB	Ave	13580 8356269	67349	259225	751381	3107947	1.00 500	5.00	20.0	50.0	200
Tert-amyl methyl ether	FB	Ave	9415 7295795	51304	205983	528473	2353865	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	6352 3676349	31221	113660	343637	1385188	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	13031 11980936	75488	319484	901710	3895561	2.00 1000	10.0	40.0	100	400
Methylcyclohexane	FB	Ave	6309 3866531	31388	133233	330649	1224533	1.00 500	5.00	20.0	50.0	200
Trichloroethene	FB	Ave	3589 2207002	17620	66093	202336	819922	1.00 500	5.00	20.0	50.0	200
Dibromomethane	FB	Ave	2649 1441051	11239	43999	128318	526248	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	4065 2286265	18334	66346	202922	841874	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	3459 3072627	18729	75998	211109	958554	1.00 500	5.00	20.0	50.0	200
Bromodichloromethane	FB	Ave	4874 3372025	24305	92342	288106	1226523	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	1953 1504110	9882	38593	109227	486371	1.00 500	5.00	20.0	50.0	200
1,4-Dioxane	FB	Ave	2304 17503	5094	6283	7839	12540	50.0 300	100	150	200	250
Propyl acetate	FB	LinF	7828 8151095	47474	202059	577231	2546327	2.00 1000	10.0	40.0	100	400
2-Chloroethyl vinyl ether	FB	Ave	1836 1294472	7423	34402	92885	412782	1.00 500	5.00	20.0	50.0	200
cis-1,3-Dichloropropene	FB	Ave	5008 3654697	23146	93632	297400	1298869	1.00 500	5.00	20.0	50.0	200
Toluene	CBZ	Ave	13292 8727099	64567	245924	744169	3140218	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	FB	Ave	5723 5181181	34461	134705	389565	1653496	20.0 10000	100	400	1000	4000
Tetrachloroethene	CBZ	Ave	3698 2366802	17887	69600	205776	868139	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone	FB	Ave	39390 6370463	65534	81362	241796	1043867	10.0 1000	15.0	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	4506 3445820	20823	85676	271263	1209455	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.: 460-30837-1 Analy Batch No.: 85142

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/03/2011 03:40 Calibration End Date: 09/03/2011 06:04 Calibration ID: 12103

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
1,1,2-Trichloroethane	CBZ	Ave	2324 1519064	11307	43548	130203	546252	1.00 500	5.00	20.0	50.0	200
Dibromochloromethane	CBZ	Ave	3300 2375845	13691	59609	193659	842127	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	4988 3162488	22522	88469	267843	1135151	1.00 500	5.00	20.0	50.0	200
1,2-Dibromoethane	CBZ	Ave	2870 1840372	13147	49934	154554	655369	1.00 500	5.00	20.0	50.0	200
Butyl acetate	CBZ	Ave	9828 9223851	50544	223184	649161	2879832	2.00 1000	10.0	40.0	100	400
2-Hexanone	CBZ	Ave	24441 4139522	44449	64805	163381	675638	10.0 1000	15.0	20.0	50.0	200
Chlorobenzene	CBZ	Ave	8974 5543520	42247	156452	464847	1950459	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	3923 2959011	22233	85144	255796	1082255	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	3278 2571103	16671	70443	215758	951902	1.00 500	5.00	20.0	50.0	200
m&p-Xylene	CBZ	Ave	10255 7627567	53463	215344	637966	2727940	2.00 1000	10.0	40.0	100	400
o-Xylene	CBZ	Ave	5399 3901021	26488	107292	338554	1422833	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Ave	1791 1671393	10106	42910	135054	596968	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	7466 6274974	37680	163671	512370	2186889	1.00 500	5.00	20.0	50.0	200
Butyl acrylate	DCB	Ave	5226 4890626	28185	127973	358012	1546137	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	14630 11421506	76785	319919	988449	4227472	1.00 500	5.00	20.0	50.0	200
Camphene, Total	DCB	Ave	4551 3790948	26962	120548	318108	1189711	1.00 500	5.00	20.0	50.0	200
Monobromobenzene	DCB	Ave	4545 2541668	19520	76058	219180	923938	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	Ave	19084 11994787	93643	378756	1127321	4794417	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	4149 2761113	21306	77017	247188	1004380	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	11676 7925328	55754	222541	671284	2822144	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	1040 785650	6098	24746	72084	289047	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.: 460-30837-1 Analy Batch No.: 85142

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/03/2011 03:40 Calibration End Date: 09/03/2011 06:04 Calibration ID: 12103

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
1,3,5-Trimethylbenzene	DCB	Ave	12644 9845420	65143	269691	830089	3619247	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	FB	Ave	1063 805268	5869	21923	57572	256187	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	11801 7794988	54891	215926	634777	2702386	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	Ave	9186 8591702	50564	217977	677467	3025158	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	LinF	3447 4031931	21530	104206	301668	1266667	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	13550 9992890	66653	280673	840905	3586479	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	Ave	16056 11923082	85398	354066	1085934	4816390	1.00 500	5.00	20.0	50.0	200
p-Isopropyltoluene	DCB	Ave	12509 10499410	71742	291536	905397	3969709	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	8009 4891786	38803	144089	423053	1738093	1.00 500	5.00	20.0	50.0	200
2-Octanol	DCB	Ave	1288 +++++	6365	24723	84110	364246	1.00 +++++	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	8966 4864688	39468	147203	421541	1728663	1.00 500	5.00	20.0	50.0	200
2-Octanone	DCB	Ave	4900 4470065	26215	114123	344353	1353935	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	Ave	1050 959127	5297	22499	67163	306147	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	8182 6033129	40887	172471	501964	2119854	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	7950 5036725	39154	148543	443732	1805258	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	Ave	1194 694854	4990	18889	58372	246028	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	Ave	3896 2862255	20090	77402	226461	1023993	1.00 500	5.00	20.0	50.0	200
1,2,4-Trichlorobenzene	DCB	Ave	8241 4512486	34815	132910	389620	1573990	1.00 500	5.00	20.0	50.0	200
Camphor	DCB	LinF	1390 1921846	8674	36509	128577	546116	5.00 2500	25.0	100	250	1000
Naphthalene	DCB	Ave	16214 10670863	75566	307180	940250	3752319	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	Ave	7512 4600974	36122	136839	401928	1618901	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.: 460-30837-1 Analy Batch No.: 85142

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/03/2011 03:40 Calibration End Date: 09/03/2011 06:04 Calibration ID: 12103

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-Dichloroethane-d4 (Surr)	FB	Ave	226694 298560	235976	232172	263403	267158	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	489895 672797	493288	493592	551660	585712	50.0 50.0	50.0	50.0	50.0	50.0
Bromofluorobenzene	DCB	Ave	185907 253264	186199	193884	209329	217847	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
LinF = Linear ISTD forced zero

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 85995

SDG No.:

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2011 22:50 Calibration End Date: 09/14/2011 06:22 Calibration ID: 12190

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-85995/7	j03643.d
Level 2	IC 460-85995/3	j03635.d
Level 3	ICIS 460-85995/4	j03636.d
Level 4	IC 460-85995/5	j03637.d
Level 5	IC 460-85995/6	j03638.d
Level 6	IC 460-85995/2	j03628.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	0.3434 0.4888	0.4663	0.4470	0.4396	0.5404	Ave		0.4543				14.4		15.0			
Chloromethane	0.2998 0.3574	0.3007	0.3247	0.3145	0.3726	Ave		0.3283			0.1000	9.2		15.0			
Vinyl chloride	0.2324 0.3753	0.3264	0.3263	0.3377	0.4220	LinF		0.3820							0.9971		0.9900
Bromomethane	0.3531 0.2980	0.3024	0.2977	0.2766	0.3148	Ave		0.3071				8.4		15.0			
Chloroethane	0.1592 0.1954	0.1798	0.1888	0.1812	0.2099	Ave		0.1857				9.1		15.0			
Trichlorofluoromethane	0.4671 0.6666	0.6084	0.6492	0.6446	0.7402	Ave		0.6293				14.4		15.0			
n-Pentane	0.0268 0.0352	0.0288	0.0338	0.0302	0.0391	Ave		0.0323				14.1		15.0			
Ethanol	0.0007 +++++	0.0007	0.0008	0.0008	0.0009	Ave		0.0008				10.5		15.0			
Ethyl ether	0.2294 0.2404	0.2271	0.2350	0.2265	0.2538	Ave		0.2354				4.4		15.0			
Isopropene	0.2779 0.3046	0.2930	0.3012	0.2907	0.3298	Ave		0.2995				5.8		15.0			
Acrolein	0.0363 0.0341	0.0340	0.0337	0.0335	0.0350	Ave		0.0345				3.0		15.0			
1,1-Dichloroethene	0.2813 0.2787	0.3129	0.2825	0.2838	0.3179	Ave		0.2929				6.0		30.0			
Freon TF	0.4985 0.5254	0.5323	0.5631	0.4970	0.6119	Ave		0.5380				8.1		15.0			
Acetone	0.0202 0.0180	0.0183	0.0218	0.0179	0.0219	Ave		0.0197				9.5		15.0			
Iodomethane	0.8267 0.8565	0.8651	0.8993	0.8513	0.8968	Ave		0.8659				3.2		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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 85995

SDG No.:

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2011 22:50 Calibration End Date: 09/14/2011 06:22 Calibration ID: 12190

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 disulfide	0.8134 0.8972	0.9003	0.8950	0.8530	0.9676	Ave		0.8878				5.8		15.0			
Acetonitrile	0.0034 0.0028	0.0038	0.0031	0.0030	0.0035	Ave		0.0033				11.3		15.0			
Methyl acetate	0.0787 0.0661	0.0703	0.0648	0.0656	0.0725	Ave		0.0697				7.7		15.0			
Methylene Chloride	0.3598 0.3448	0.3693	0.3655	0.3563	0.3895	Ave		0.3642				4.1		15.0			
TBA	0.0253 0.0205	0.0233	0.0239	0.0223	0.0247	Ave		0.0233				7.5		15.0			
Acrylonitrile	0.0548 0.0776	0.0649	0.0683	0.0725	0.0825	Ave		0.0701				14.0		15.0			
MTBE	0.9105 0.8346	0.8853	0.9063	0.8826	0.9014	Ave		0.8868				3.1		15.0			
trans-1,2-Dichloroethene	0.3355 0.3401	0.3866	0.3495	0.3654	0.3722	Ave		0.3582				5.5		15.0			
Hexane	0.1586 0.1161	0.1396	0.1229	0.1077	0.1340	Ave		0.1298				14.1		15.0			
1,1-Dichloroethane	0.6758 0.6348	0.7073	0.6905	0.6701	0.7309	Ave		0.6849			0.1000	4.8		15.0			
Vinyl acetate	1.0666 0.8805	1.0437	0.9478	0.9808	0.9744	Ave		0.9823				6.8		15.0			
DIPE	1.4679 1.3615	1.5301	1.5427	1.4234	1.5628	Ave		1.4814				5.3		15.0			
Tert-butyl ethyl ether	1.1476 1.0863	1.2233	1.2279	1.1633	1.2210	Ave		1.1782				4.8		15.0			
cis-1,2-Dichloroethene	0.3374 0.3475	0.3969	0.3913	0.3771	0.3819	Ave		0.3720				6.5		15.0			
2-Butanone	0.0230 0.0264	0.0267	0.0267	0.0263	0.0293	Ave		0.0264				7.6		15.0			
2,2-Dichloropropane	0.5129 0.4909	0.5188	0.4946	0.4883	0.4823	Ave		0.4980				2.9		15.0			
Ethyl acetate	0.0429 0.0324	0.0283	0.0352	0.0346	0.0350	Ave		0.0347				13.8		15.0			
Bromochloromethane	0.2571 0.2255	0.2619	0.2524	0.2435	0.2364	Ave		0.2461				5.6		15.0			
Tetrahydrofuran	0.0873 0.0717	0.0403	0.0773	0.0778	0.0814	LinF		0.0732							0.9968		0.9900
Chloroform	0.6813 0.6562	0.7212	0.7255	0.7270	0.7147	Ave		0.7043				4.1		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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 85995

SDG No.:

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2011 22:50 Calibration End Date: 09/14/2011 06:22 Calibration ID: 12190

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								
1,1,1-Trichloroethane	0.5264 0.5546	0.6131	0.5602	0.5816	0.5928	Ave		0.5715				5.4		15.0			
Cyclohexane	0.3245 0.3365	0.3838	0.3615	0.3364	0.3828	Ave		0.3543				7.2		15.0			
1,1-Dichloropropene	0.5498 0.4418	0.5442	0.4825	0.4933	0.5008	Ave		0.5021				8.0		15.0			
Carbon tetrachloride	0.4817 0.4947	0.5609	0.4983	0.5191	0.5392	Ave		0.5157				5.8		15.0			
Benzene	1.3987 1.2990	1.3918	1.3863	1.4387	1.4835	Ave		1.3997				4.4		15.0			
1,2-Dichloroethane	0.4094 0.3677	0.3932	0.4093	0.3836	0.3714	Ave		0.3891				4.6		15.0			
Tert-amyl methyl ether	0.9864 0.8892	1.0245	1.0549	0.9764	0.9871	Ave		0.9864				5.7		15.0			
n-Heptane	0.0829 0.1112	0.1075	0.1129	0.0974	0.1270	Ave		0.1065				14.1		15.0			
n-Butanol	0.0034 0.0035	0.0035	0.0032	0.0035	0.0038	Ave		0.0035				5.3		15.0			
Trichloroethene	0.4319 0.3550	0.4443	0.4087	0.3866	0.3918	Ave		0.4031				8.1		15.0			
Ethyl acrylate	0.4983 0.4122	0.4279	0.4430	0.4366	0.4395	Ave		0.4429				6.6		15.0			
Methylcyclohexane	0.2387 0.2341	0.2889	0.2711	0.2441	0.2770	Ave		0.2590				8.8		15.0			
1,2-Dichloropropane	0.3958 0.3796	0.4331	0.4334	0.4395	0.3999	Ave		0.4135				6.0		30.0			
Methyl methacrylate	0.0870 0.0946	0.0955	0.1030	0.0956	0.0975	Ave		0.0955				5.4		15.0			
Propyl acetate	0.4836 0.4537	0.5463	0.5523	0.5185	0.5222	Ave		0.5128				7.4		15.0			
1,4-Dioxane	0.0025 0.0051	0.0026	0.0026	0.0031	0.0035	QuaF		414.73	-7177						0.9971		0.9900
Dibromomethane	0.3833 0.2911	0.3503	0.3499	0.3361	0.3266	Ave		0.3396				9.0		15.0			
Bromodichloromethane	0.6636 0.6559	0.7109	0.7280	0.7122	0.6891	Ave		0.6933				4.2		15.0			
2-Chloroethyl vinyl ether	0.2212 0.2350	0.2059	0.2075	0.2304	0.2373	Ave		0.2229				6.1		15.0			
Epichlorohydrin	0.0418 0.0410	0.0394	0.0449	0.0443	0.0452	Ave		0.0428				5.6		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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 85995

SDG No.:

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2011 22:50 Calibration End Date: 09/14/2011 06:22 Calibration ID: 12190

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								
cis-1,3-Dichloropropene	0.8005 0.8697	0.8276	0.8542	0.8993	0.9182	Ave		0.8616				5.1		15.0			
4-Methyl-2-pentanone	0.4298 0.4988	0.4431	0.4835	0.4827	0.5196	Ave		0.4762				7.1		15.0			
Toluene	1.5653 1.3435	1.4804	1.3918	1.5031	1.5332	Ave		1.4695				5.8		30.0			
trans-1,3-Dichloropropene	0.6410 0.7279	0.6926	0.7194	0.7312	0.7672	Ave		0.7132				6.0		15.0			
1,1,2-Trichloroethane	0.4039 0.3957	0.3987	0.4219	0.4213	0.4306	Ave		0.4120				3.5		15.0			
Tetrachloroethene	0.4426 0.4873	0.5127	0.4843	0.5251	0.5474	Ave		0.4999				7.3		15.0			
1,3-Dichloropropane	0.7497 0.7262	0.7784	0.8039	0.8003	0.8304	Ave		0.7815				4.9		15.0			
2-Hexanone	0.2635 0.2811	0.2439	0.2636	0.2777	0.2938	Ave		0.2706				6.4		15.0			
Butyl acetate	0.1358 0.1477	0.1369	0.1480	0.1490	0.1554	Ave		0.1455				5.2		15.0			
Dibromochloromethane	0.6778 0.7995	0.7198	0.8139	0.8331	0.8334	Ave		0.7796				8.4		15.0			
1,2-Dibromoethane	0.6538 0.6596	0.6517	0.7041	0.7291	0.7107	Ave		0.6848				4.9		15.0			
Chlorobenzene	0.8956 0.9596	1.0352	1.0387	1.0594	1.0904	Ave		1.0131			0.3000	7.1		15.0			
1,1,1,2-Tetrachloroethane	0.5267 0.5371	0.5567	0.5848	0.5917	0.5683	Ave		0.5609				4.6		15.0			
Ethylbenzene	0.3911 0.3870	0.4115	0.4213	0.4359	0.4289	Ave		0.4126				4.8		30.0			
m&p-Xylene	0.5285 0.5370	0.5523	0.5509	0.5802	0.5724	Ave		0.5535				3.6		15.0			
Butyl acrylate	0.3631 0.4583	0.3770	0.3998	0.4148	0.4629	Ave		0.4126				10.0		15.0			
o-Xylene	0.5108 0.5347	0.5428	0.5489	0.5918	0.5786	Ave		0.5513				5.4		15.0			
Styrene	0.8937 0.9466	0.9578	0.9873	1.0612	1.0200	Ave		0.9778				6.0		15.0			
Amly acetate	1.1770 1.3310	1.3457	1.3844	1.3509	1.4851	Ave		1.3457				7.4		15.0			
Bromoform	0.4351 0.5650	0.4931	0.5505	0.5795	0.5676	Ave		0.5318			0.1000	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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 85995

SDG No.:

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2011 22:50 Calibration End Date: 09/14/2011 06:22 Calibration ID: 12190

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								
Isopropylbenzene	1.2151 1.2067	1.2523	1.2122	1.3005	1.3665	Ave		1.2589				5.0		15.0			
Camphene, Total	0.1332 0.1081	0.0957	0.0935	0.0964	0.1264	LinF		0.1108							0.9948		0.9900
1,1,2,2-Tetrachloroethane	1.4993 1.2982	1.3553	1.4795	1.5026	1.5133	Ave		1.4414			0.3000	6.3		15.0			
trans-1,4-Dichloro-2-butene	0.3284 0.2887	0.2892	0.3320	0.2801	0.3197	Ave		0.3064				7.5		15.0			
Monobromobenzene	1.1315 1.0233	1.1425	1.2315	1.2064	1.2146	Ave		1.1583				6.7		15.0			
1,2,3-Trichloropropane	0.4444 0.3413	0.3781	0.4173	0.3907	0.4030	Ave		0.3958				8.9		15.0			
N-Propylbenzene	2.8526 2.6500	3.1361	3.1030	2.9821	3.2655	Ave		2.9982				7.4		15.0			
2-Chlorotoluene	1.5203 1.7721	1.9902	1.9736	2.0657	1.8805	Ave		1.8671				10.6		15.0			
1,3,5-Trimethylbenzene	2.0757 1.8459	2.1825	2.0599	2.0720	2.1902	Ave		2.0710				6.0		15.0			
Butyl Methacrylate	1.6239 1.5038	1.5557	1.7358	1.6230	1.7476	Ave		1.6316				5.9		15.0			
4-Chlorotoluene	2.5420 2.2795	2.7330	2.7490	2.7267	2.7838	Ave		2.6357				7.4		15.0			
tert-Butylbenzene	2.0585 1.9892	2.2079	2.1385	2.1900	2.3964	Ave		2.1634				6.5		15.0			
1,2,4-Trimethylbenzene	2.0785 2.0275	2.2620	2.2366	2.2353	2.3026	Ave		2.1904				5.0		15.0			
2-Octanone	1.5214 1.9073	1.5132	1.8246	1.7466	2.0214	Ave		1.7558				11.7		15.0			
sec-Butylbenzene	2.5252 2.3408	2.8703	2.6149	2.6377	2.9009	Ave		2.6483				8.0		15.0			
p-Isopropyltoluene	2.1125 2.0991	2.2530	2.1885	2.1918	2.4630	Ave		2.2180				6.0		15.0			
1,3-Dichlorobenzene	1.3793 1.2979	1.4269	1.5126	1.4861	1.5171	Ave		1.4367				6.0		15.0			
1,4-Dichlorobenzene	1.8522 1.6923	1.8433	1.8561	1.8574	1.8432	Ave		1.8241				3.6		15.0			
Benzyl chloride	1.3243 1.8647	1.4436	1.7582	1.6426	1.7277	Ave		1.6269				12.6		15.0			
n-Butylbenzene	1.7842 1.8554	1.9543	1.8869	1.8809	2.1593	Ave		1.9202				6.7		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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 85995

SDG No.:

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2011 22:50 Calibration End Date: 09/14/2011 06:22 Calibration ID: 12190

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	1.5310 1.4110	1.5605	1.6403	1.5434	1.6080	Ave		1.5490				5.1		15.0			
1,2-Dibromo-3-Chloropropane	0.3681 0.2936	0.2279	0.2746	0.2741	0.3307	LinF		0.2990							0.9971		0.9900
Camphor	0.1265 0.1114	0.1220	0.1141	0.1127	0.1310	Ave		0.1196				6.8		15.0			
1,2,4-Trichlorobenzene	0.7292 0.7004	0.7832	0.7110	0.7348	0.9046	Ave		0.7605				10.0		15.0			
Hexachlorobutadiene	1.2774 0.5575	0.8682	0.6385	0.6206	0.7358	QuaF		0.9927	0.1424						0.9984		0.9900
Naphthalene	1.3265 1.2451	1.3593	1.2750	1.3207	1.4999	Ave		1.3377				6.7		15.0			
1,2,3-Trichlorobenzene	0.7862 0.4750	0.7154	0.5639	0.5570	0.6282	QuaF		1.1490	0.1997						0.9987		0.9900
1,2-Dichloroethane-d4 (Surr)	0.2992 0.2880	0.3008	0.2945	0.3089	0.2954	Ave		0.2978				2.3		15.0			
Toluene-d8 (Surr)	1.0784 1.2115	1.0506	1.0975	1.1309	1.1973	Ave		1.1277				5.8		15.0			
Bromofluorobenzene	1.1281 1.1243	1.0795	1.1143	1.1013	1.2209	Ave		1.1281				4.3		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 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 85995

SDG No.:

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2011 22:50 Calibration End Date: 09/14/2011 06:22 Calibration ID: 12190

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-85995/7	j03643.d
Level 2	IC 460-85995/3	j03635.d
Level 3	ICIS 460-85995/4	j03636.d
Level 4	IC 460-85995/5	j03637.d
Level 5	IC 460-85995/6	j03638.d
Level 6	IC 460-85995/2	j03628.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	16504 11016922	114740	448634	1078131	5588306	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	14412 8054066	73991	325922	771236	3853254	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	LinF	11169 8457542	80301	327502	828180	4363451	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	16974 6715281	74413	298785	678296	3255585	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	7652 4403228	44248	189455	444449	2170018	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	22453 15022305	149700	651578	1580832	7653680	1.00 500	5.00	20.0	50.0	200
n-Pentane	FB	Ave	1289 793521	7081	33895	73958	404591	1.00 500	5.00	20.0	50.0	200
Ethanol	FB	Ave	34385 +++++	66574	118190	164801	224999	1000 +++++	2000	3000	4000	5000
Ethyl ether	FB	Ave	11027 5416802	55875	235819	555599	2624352	1.00 500	5.00	20.0	50.0	200
Isopropene	FB	Ave	13356 6865038	72104	302319	712990	3409763	1.00 500	5.00	20.0	50.0	200
Acrolein	FB	Ave	6981 615346	33506	67678	164257	362138	4.00 400	20.0	40.0	100	200
1,1-Dichloroethene	FB	Ave	13523 6282129	76985	283538	695956	3287113	1.00 500	5.00	20.0	50.0	200
Freon TF	FB	Ave	23960 11839846	130977	565149	1218984	6326799	1.00 500	5.00	20.0	50.0	200
Acetone	FB	Ave	9718 406130	13481	21881	43880	226325	10.0 500	15.0	20.0	50.0	200
Iodomethane	FB	Ave	39735 19302921	212862	902600	2087821	9273437	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	39098 20219936	221524	898311	2091961	10005616	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.: 460-30837-1 Analy Batch No.: 85995

SDG No.:

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2011 22:50 Calibration End Date: 09/14/2011 06:22 Calibration ID: 12190

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
Acetonitrile	FB	Ave	3256 1273210	18866	62461	146101	718547	20.0 10000	100	400	1000	4000
Methyl acetate	FB	Ave	3783 1490594	17290	65073	160833	749802	1.00 500	5.00	20.0	50.0	200
Methylene Chloride	FB	Ave	17293 7770180	90867	366877	873809	4027668	1.00 500	5.00	20.0	50.0	200
TBA	FB	Ave	24324 9219508	114674	479466	1091476	5104167	20.0 10000	100	400	1000	4000
Acrylonitrile	FB	Ave	5266 699639	31924	68544	177894	426590	2.00 200	10.0	20.0	50.0	100
MTBE	FB	Ave	43763 18809439	217819	909673	2164557	9320826	1.00 500	5.00	20.0	50.0	200
trans-1,2-Dichloroethene	FB	Ave	16124 7665518	95121	350778	896197	3848855	1.00 500	5.00	20.0	50.0	200
Hexane	FB	Ave	7623 2616081	34357	123383	264142	1385185	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	32482 14306190	174023	693015	1643415	7557696	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	Ave	51267 19844257	256804	951304	2405472	10076106	1.00 500	5.00	20.0	50.0	200
DIPE	FB	Ave	70559 30684961	376477	1548343	3491022	16159932	1.00 500	5.00	20.0	50.0	200
Tert-butyl ethyl ether	FB	Ave	55161 24482537	301004	1232434	2852930	12626103	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	16220 7832491	97663	392692	924814	3949184	1.00 500	5.00	20.0	50.0	200
2-Butanone	FB	Ave	11047 595325	19692	26802	64496	302574	10.0 500	15.0	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	24651 11064054	127656	496389	1197693	4987497	1.00 500	5.00	20.0	50.0	200
Ethyl acetate	FB	Ave	4128 1461401	13923	70642	169861	723955	2.00 1000	10.0	40.0	100	400
Bromochloromethane	FB	Ave	12359 5081132	64437	253282	597292	2444132	1.00 500	5.00	20.0	50.0	200
Tetrahydrofuran	FB	LinF	4197 1615485	9905	77537	190836	841405	1.00 500	5.00	20.0	50.0	200
Chloroform	FB	Ave	32750 14789573	177457	728153	1783115	7390446	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	25303 12498806	150863	562264	1426430	6129506	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	15600 7583272	94441	362873	824923	3958800	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.: 460-30837-1 Analy Batch No.: 85995

SDG No.:

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2011 22:50 Calibration End Date: 09/14/2011 06:22 Calibration ID: 12190

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
1,1-Dichloropropene	FB	Ave	26425 9956078	133905	484286	1209753	5178855	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	23154 11148668	138019	500134	1273237	5575998	1.00 500	5.00	20.0	50.0	200
Benzene	CBZ	Ave	50787 19274697	259739	1018421	2427646	10043085	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	19680 8287646	96746	410775	940847	3840931	1.00 500	5.00	20.0	50.0	200
Tert-amyl methyl ether	FB	Ave	47415 20040050	252077	1058788	2394764	10206625	1.00 500	5.00	20.0	50.0	200
n-Heptane	FB	Ave	3986 2506280	26456	113346	238828	1313398	1.00 500	5.00	20.0	50.0	200
n-Butanol	FB	Ave	80565 476089	170188	241948	338518	486100	500 3000	1000	1500	2000	2500
Trichloroethene	FB	Ave	20762 8000842	109321	410213	948199	4051456	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	23950 9290590	105296	444645	1070858	4544743	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	Ave	11474 5275086	71093	272076	598664	2864403	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	19023 8555077	106554	434949	1077779	4134738	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	4184 2132791	23505	103370	234408	1007784	1.00 500	5.00	20.0	50.0	200
Propyl acetate	FB	Ave	46488 20451744	268843	1108614	2543236	10800343	2.00 1000	10.0	40.0	100	400
1,4-Dioxane	FB	QuaF	5997 69156	12892	19572	30799	45851	50.0 300	100	150	200	250
Dibromomethane	FB	Ave	18422 6560257	86204	351232	824315	3377404	1.00 500	5.00	20.0	50.0	200
Bromodichloromethane	FB	Ave	31898 14782785	174925	730638	1746651	7125490	1.00 500	5.00	20.0	50.0	200
2-Chloroethyl vinyl ether	FB	Ave	10630 5296032	50669	208281	565064	2454256	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	CBZ	Ave	30383 12169252	146989	660450	1494896	6124526	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	CBZ	Ave	29065 12904310	154446	627525	1517479	6215861	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone	CBZ	Ave	156047 7401156	248063	355200	814457	3517349	10.0 500	15.0	20.0	50.0	200
Toluene	CBZ	Ave	56834 19933648	276272	1022510	2536237	10379520	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.: 460-30837-1 Analy Batch No.: 85995

SDG No.:

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2011 22:50 Calibration End Date: 09/14/2011 06:22 Calibration ID: 12190

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
trans-1,3-Dichloropropene	CBZ	Ave	23275 10800720	129243	528528	1233779	5194040	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	14665 5871269	74406	309954	710865	2914914	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBZ	Ave	16072 7230848	95677	355791	886045	3705923	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	27220 10775669	145259	590583	1350476	5621403	1.00 500	5.00	20.0	50.0	200
2-Hexanone	CBZ	Ave	95685 4170908	136551	193619	468653	1988710	10.0 500	15.0	20.0	50.0	200
Butyl acetate	CBZ	Ave	9862 4382626	51112	217436	502847	2104353	2.00 1000	10.0	40.0	100	400
Dibromochloromethane	CBZ	Ave	24609 11862743	134320	597938	1405833	5641825	1.00 500	5.00	20.0	50.0	200
1,2-Dibromoethane	CBZ	Ave	23739 9787198	121619	517255	1230254	4811529	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBZ	Ave	32519 14238347	193184	763061	1787619	7381550	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	19125 7968684	103897	429621	998458	3847296	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	14202 5742289	76792	309513	735548	2903376	1.00 500	5.00	20.0	50.0	200
m&p-Xylene	CBZ	Ave	38381 15934331	206128	809435	1957910	7749895	2.00 1000	10.0	40.0	100	400
Butyl acrylate	CBZ	Ave	13183 6799430	70359	293709	699839	3133846	1.00 500	5.00	20.0	50.0	200
o-Xylene	CBZ	Ave	18546 7933363	101301	403226	998600	3916659	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	32449 14045756	178735	725317	1790606	6905276	1.00 500	5.00	20.0	50.0	200
Amly acetate	DCB	Ave	18970 9994208	112113	455232	1091193	4511362	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Ave	15799 8383659	92025	404458	977913	3842516	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	44120 17904574	233699	890551	2194361	9251117	1.00 500	5.00	20.0	50.0	200
Camphene, Total	CBZ	LinF	4838 1603476	17865	68665	162686	855461	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	24166 9747549	112914	486506	1213739	4597060	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCB	Ave	5293 2167649	24095	109172	226236	971238	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.: 460-30837-1 Analy Batch No.: 85995

SDG No.:

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2011 22:50 Calibration End Date: 09/14/2011 06:22 Calibration ID: 12190

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	18238 7683854	95182	404932	974511	3689661	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	7162 2562572	31503	137221	315589	1224359	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	Ave	45977 19898045	261271	1020339	2408801	9920084	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	24503 13305905	165804	648970	1668583	5712769	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	33455 13859846	181827	677336	1673651	6653492	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	Ave	26173 11291541	129604	570757	1311000	5308872	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	40972 17115565	227694	903924	2202556	8456621	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	Ave	33178 14935829	183947	703194	1768995	7279818	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	33500 15223942	188447	735437	1805593	6994948	1.00 500	5.00	20.0	50.0	200
2-Octanone	DCB	Ave	24521 14321509	126069	599985	1410824	6140594	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	Ave	40700 17576205	239125	859831	2130650	8812461	1.00 500	5.00	20.0	50.0	200
p-Isopropyltoluene	DCB	Ave	34049 15761304	187704	719647	1770484	7482311	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	22232 9745732	118874	497391	1200391	4608567	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	29854 12706959	153569	610338	1500352	5599431	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	Ave	21344 14001079	120270	578152	1326865	5248604	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	28757 13931576	162812	620453	1519323	6559530	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	24677 10594499	130004	539380	1246699	4884876	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	LinF	5933 2204658	18990	90280	221442	1004475	1.00 500	5.00	20.0	50.0	200
Camphor	DCB	Ave	10195 4182429	50822	187579	455311	1989102	5.00 2500	25.0	100	250	1000
1,2,4-Trichlorobenzene	DCB	Ave	11753 5258916	65252	233788	593578	2748096	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	QuaF	20589 4186253	72333	209952	501308	2235305	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.: 460-30837-1 Analy Batch No.: 85995

SDG No.:

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2011 22:50 Calibration End Date: 09/14/2011 06:22 Calibration ID: 12190

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
Naphthalene	DCB	Ave	21380 9348923	113248	419243	1066786	4556483	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	QuaF	12672 3566307	59600	185412	449887	1908485	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane-d4 (Surr)	FB	Ave	719016 649133	740063	739041	757501	763752	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	1957723 1797502	1960502	2015749	1908299	2026399	50.0 50.0	50.0	50.0	50.0	50.0
Bromofluorobenzene	DCB	Ave	909116 844159	899334	916047	889551	927228	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 VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVIS 460-85734/2 Calibration Date: 09/12/2011 06:34

Instrument ID: VOAMS1 Calib Start Date: 08/31/2011 22:06

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/01/2011 04:03

Lab File ID: a67834.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	0.3873	0.3983		20.6	20.0	2.8	50.0
Chloromethane	Ave	0.5973	0.6560	0.1000	22.0	20.0	9.8	50.0
Vinyl chloride	Ave	0.5636	0.5692		20.2	20.0	1.0	20.0
Bromomethane	Ave	0.3902	0.3072		15.7	20.0	-21.3	50.0
Chloroethane	Ave	0.3694	0.2986		16.2	20.0	-19.2	50.0
Trichlorofluoromethane	Ave	0.6498	0.5802		17.9	20.0	-10.7	50.0
Ethyl ether	Ave	0.2893	0.2939		20.3	20.0	1.6	50.0
Isopropene	LinF	0.4699	0.5149		19.7	20.0	-1.6	50.0
Acrolein	Ave	0.0582	0.0470		32.3	40.0	-19.3	99.0
1,1-Dichloroethene	Ave	0.3118	0.2847		18.3	20.0	-8.7	20.0
Freon TF	LinF	0.3262	0.3795		20.1	20.0	0.7	50.0
Acetone	Ave	0.1009	0.1109		22.0	20.0	9.9	50.0
Iodomethane	Ave	0.5241	0.5183		19.8	20.0	-1.1	50.0
Carbon disulfide	Ave	1.147	1.213		21.1	20.0	5.7	50.0
Methyl acetate	Ave	0.0777	0.0776		20.0	20.0	-0.2	50.0
Acetonitrile	LinF	0.0111	0.0094		436	400	9.1	50.0
Methylene Chloride	LinF	0.3907	0.3478		19.0	20.0	-5.2	50.0
TBA	Ave	0.0334	0.0364		435	400	8.9	50.0
MTBE	Ave	1.019	1.028		20.2	20.0	0.8	50.0
trans-1,2-Dichloroethene	Ave	0.3324	0.3093		18.6	20.0	-6.9	50.0
Acrylonitrile	Ave	0.1056	0.1047		19.8	20.0	-0.8	50.0
DIPE	Ave	1.323	1.382		20.9	20.0	4.4	50.0
1,1-Dichloroethane	Ave	0.6267	0.6363	0.1000	20.3	20.0	1.5	50.0
Vinyl acetate	Ave	0.9695	1.017		21.0	20.0	4.9	50.0
Tert-butyl ethyl ether	Ave	1.173	1.220	0.0100	20.8	20.0	4.0	50.0
2,2-Dichloropropane	Ave	0.5717	0.5439		19.0	20.0	-4.9	50.0
cis-1,2-Dichloroethene	Ave	0.3362	0.3449		20.5	20.0	2.6	50.0
2-Butanone	Ave	0.0324	0.0381		23.5	20.0	17.7	50.0
Ethyl acetate	Ave	0.0296	0.0323		43.7	40.0	9.2	50.0
Bromochloromethane	Ave	0.1426	0.1516		21.3	20.0	6.3	50.0
Tetrahydrofuran	Ave	0.0988	0.0939		19.0	20.0	-5.0	50.0
Chloroform	Ave	0.5610	0.5747		20.5	20.0	2.4	20.0
Cyclohexane	LinF	0.6141	0.7598		20.9	20.0	4.3	50.0
1,1,1-Trichloroethane	Ave	0.5301	0.5300		20.0	20.0	-0.0	50.0
Carbon tetrachloride	Ave	0.4098	0.4270		20.8	20.0	4.2	50.0
1,1-Dichloropropene	Ave	0.4504	0.4537		20.1	20.0	0.7	50.0
Benzene	Ave	1.813	1.956		21.6	20.0	7.9	50.0
Isopropyl acetate	Ave	0.8486	0.8296		39.1	40.0	-2.2	50.0
Tert-amyl methyl ether	Ave	0.9744	1.043		21.4	20.0	7.0	50.0
1,2-Dichloroethane	Ave	0.4580	0.3884		17.0	20.0	-15.2	50.0
Trichloroethene	Ave	0.3129	0.3084		19.7	20.0	-1.5	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVIS 460-85734/2 Calibration Date: 09/12/2011 06:34

Instrument ID: VOAMS1 Calib Start Date: 08/31/2011 22:06

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/01/2011 04:03

Lab File ID: a67834.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
Ethyl acrylate	LinF	0.8683	0.9927		20.0	20.0	0.0	50.0
Methylcyclohexane	LinF	0.5589	0.7096		20.7	20.0	3.6	50.0
1,2-Dichloropropane	Ave	0.3462	0.3460		20.0	20.0	-0.0	20.0
Methyl methacrylate	Ave	0.0687	0.0786		22.9	20.0	14.4	50.0
1,4-Dioxane	Ave	0.0027	0.0027		147	150	-1.8	50.0
Dibromomethane	Ave	0.1731	0.1723		19.9	20.0	-0.4	50.0
Propyl acetate	Ave	0.4484	0.4523		40.3	40.0	0.9	50.0
Bromodichloromethane	Ave	0.4025	0.3772		18.7	20.0	-6.3	50.0
2-Chloroethyl vinyl ether	Ave	0.1810	0.1877		20.7	20.0	3.7	50.0
Epichlorohydrin	Ave	0.0371	0.0421		454	400	13.5	50.0
cis-1,3-Dichloropropene	Ave	0.7469	0.7083		19.0	20.0	-5.2	50.0
4-Methyl-2-pentanone	Ave	0.4601	0.4809		20.9	20.0	4.5	50.0
Toluene	Ave	1.933	1.978		20.5	20.0	2.3	20.0
trans-1,3-Dichloropropene	Ave	0.6751	0.6062		18.0	20.0	-10.2	50.0
1,1,2-Trichloroethane	Ave	0.3096	0.3104		20.1	20.0	0.3	50.0
Tetrachloroethene	Ave	0.3816	0.4289		22.5	20.0	12.4	50.0
1,3-Dichloropropane	Ave	0.6396	0.6549		20.5	20.0	2.4	50.0
2-Hexanone	Ave	0.3033	0.2982		19.7	20.0	-1.7	50.0
Dibromochloromethane	Ave	0.3536	0.3633		20.5	20.0	2.7	50.0
1,2-Dibromoethane	Ave	0.3202	0.3403		21.3	20.0	6.3	50.0
Chlorobenzene	Ave	1.176	1.231	0.3000	20.9	20.0	4.7	50.0
Ethylbenzene	Ave	0.6777	0.6655		19.6	20.0	-1.8	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4362	0.4393		20.1	20.0	0.7	50.0
m&p-Xylene	Ave	0.8399	0.8410		40.1	40.0	0.1	50.0
o-Xylene	Ave	0.8732	0.8757		20.1	20.0	0.3	50.0
Styrene	Ave	1.437	1.415		19.7	20.0	-1.5	50.0
Bromoform	QuaF	0.1960	0.2074	0.1000	21.8	20.0	9.1	50.0
Isopropylbenzene	Ave	2.179	2.273		20.9	20.0	4.3	50.0
Camphene, Total	LinF	0.9713	0.9016		20.1	20.0	0.6	50.0
Monobromobenzene	Ave	0.8997	0.8754		19.5	20.0	-2.7	50.0
1,1,2,2-Tetrachloroethane	Ave	0.9184	0.8829	0.3000	19.2	20.0	-3.9	50.0
N-Propylbenzene	Ave	5.208	4.831		18.6	20.0	-7.2	50.0
1,2,3-Trichloropropane	Ave	0.2601	0.2391		18.4	20.0	-8.1	50.0
2-Chlorotoluene	Ave	3.032	2.823		18.6	20.0	-6.9	50.0
1,3,5-Trimethylbenzene	Ave	3.632	3.351		18.5	20.0	-7.7	50.0
4-Chlorotoluene	Ave	3.118	2.917		18.7	20.0	-6.5	50.0
Butyl Methacrylate	Ave	1.349	1.413		21.0	20.0	4.8	50.0
tert-Butylbenzene	Ave	2.994	2.810		18.8	20.0	-6.2	50.0
1,2,4-Trimethylbenzene	Ave	3.693	3.535		19.1	20.0	-4.3	50.0
sec-Butylbenzene	Ave	4.754	4.723		19.9	20.0	-0.7	50.0
p-Isopropyltoluene	Ave	4.093	3.944		19.3	20.0	-3.6	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVIS 460-85734/2 Calibration Date: 09/12/2011 06:34

Instrument ID: VOAMS1 Calib Start Date: 08/31/2011 22:06

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/01/2011 04:03

Lab File ID: a67834.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
1,3-Dichlorobenzene	Ave	1.957	1.962		20.0	20.0	0.2	50.0
1,4-Dichlorobenzene	Ave	1.922	1.982		20.6	20.0	3.1	50.0
n-Butylbenzene	Ave	3.965	3.960		20.0	20.0	-0.1	50.0
1,2-Dichlorobenzene	Ave	1.780	1.983		22.3	20.0	11.4	50.0
1,2-Dibromo-3-Chloropropane	LinF	0.1738	0.1524		19.5	20.0	-2.4	50.0
1,2,4-Trichlorobenzene	Ave	1.112	1.312		23.6	20.0	18.1	50.0
Hexachlorobutadiene	Ave	0.5477	0.7550		27.6	20.0	37.9	50.0
Naphthalene	QuaF	2.238	2.237		20.4	20.0	1.9	50.0
1,2,3-Trichlorobenzene	QuaF	0.8499	0.9059		21.6	20.0	8.1	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3345	0.2805		41.9	50.0	-16.1	50.0
Toluene-d8 (Surr)	Ave	1.315	1.288		49.0	50.0	-2.0	50.0
Bromofluorobenzene	Ave	0.7426	0.6868		46.2	50.0	-7.5	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVIS 460-86004/2 Calibration Date: 09/14/2011 04:25

Instrument ID: VOAMS4 Calib Start Date: 09/03/2011 03:40

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/03/2011 06:04

Lab File ID: d12660.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	0.5080	0.6306		24.8	20.0	24.1	50.0
Chloromethane	Ave	0.5543	0.6292	0.1000	22.7	20.0	13.5	50.0
Vinyl chloride	Ave	0.4811	0.5514		22.9	20.0	14.6	20.0
Bromomethane	Ave	0.2843	0.3100		21.8	20.0	9.0	50.0
Chloroethane	Ave	0.2904	0.2991		20.6	20.0	3.0	50.0
n-Pentane	LinF	0.0583	0.0566		24.3	20.0	21.5	50.0
Trichlorofluoromethane	Ave	0.8405	0.9436		22.5	20.0	12.3	50.0
Isopropene	Ave	0.4330	0.4731		21.9	20.0	9.3	50.0
Ethyl ether	LinF	0.3082	0.2936		21.8	20.0	9.1	50.0
1,1-Dichloroethene	Ave	0.2961	0.3345		22.6	20.0	12.9	20.0
Carbon disulfide	Ave	1.119	1.222		21.8	20.0	9.2	50.0
Freon TF	Ave	0.3593	0.4186		23.3	20.0	16.5	50.0
Iodomethane	Ave	0.5987	0.6639		22.2	20.0	10.9	50.0
Acrolein	Ave	0.0728	0.0685		282	300	-5.9	99.0
Methylene Chloride	LinF	0.4244	0.4178		22.9	20.0	14.7	50.0
Acetone	LinF	0.1858	0.1943		27.2	20.0	36.0	50.0
trans-1,2-Dichloroethene	Ave	0.3599	0.3774		21.0	20.0	4.8	50.0
Methyl acetate	Ave	0.0883	0.0826		18.7	20.0	-6.5	50.0
Hexane	LinF	0.3556	0.3907		25.6	20.0	28.1	50.0
MTBE	Ave	1.218	1.134		18.6	20.0	-7.0	50.0
TBA	Ave	0.0543	0.0563		415	400	3.6	50.0
Acetonitrile	Ave	0.0780	0.0812		416	400	4.1	50.0
DIPE	Ave	1.512	1.411		18.7	20.0	-6.7	50.0
1,1-Dichloroethane	Ave	0.7338	0.7575	0.1000	20.6	20.0	3.2	50.0
Acrylonitrile	Ave	0.1560	0.1585		152	150	1.6	50.0
Tert-butyl ethyl ether	Ave	1.294	1.214	0.0100	18.8	20.0	-6.2	50.0
Vinyl acetate	Ave	0.6638	0.6236		18.8	20.0	-6.1	50.0
cis-1,2-Dichloroethene	Ave	0.3801	0.3821		20.1	20.0	0.5	50.0
2,2-Dichloropropane	Ave	0.6332	0.7434		23.5	20.0	17.4	50.0
Bromochloromethane	Ave	0.1851	0.1930		20.9	20.0	4.3	50.0
Cyclohexane	LinF	0.6340	0.7295		21.8	20.0	9.2	50.0
Chloroform	Ave	0.7644	0.7640		20.0	20.0	-0.0	20.0
Carbon tetrachloride	Ave	0.6895	0.7983		23.2	20.0	15.8	50.0
Ethyl acetate	Ave	0.0384	0.0380		39.6	40.0	-0.9	50.0
1,1,1-Trichloroethane	Ave	0.7289	0.8096		22.2	20.0	11.1	50.0
1,1-Dichloropropene	LinF	0.5764	0.5405		21.5	20.0	7.3	50.0
2-Butanone	Ave	0.2364	0.2137		18.1	20.0	-9.6	50.0
n-Heptane	Ave	0.4203	0.4535		21.6	20.0	7.9	50.0
Benzene	Ave	1.365	1.378		20.2	20.0	1.0	50.0
Tert-amyl methyl ether	Ave	1.041	0.9801		18.8	20.0	-5.8	50.0
1,2-Dichloroethane	Ave	0.6175	0.6092		19.7	20.0	-1.4	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVIS 460-86004/2 Calibration Date: 09/14/2011 04:25

Instrument ID: VOAMS4 Calib Start Date: 09/03/2011 03:40

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/03/2011 06:04

Lab File ID: d12660.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
Isopropyl acetate	Ave	0.8172	0.7865		38.5	40.0	-3.8	50.0
Methylcyclohexane	Ave	0.6232	0.6915		22.2	20.0	11.0	50.0
Trichloroethene	Ave	0.3591	0.3621		20.2	20.0	0.8	50.0
Dibromomethane	Ave	0.2377	0.2206		18.6	20.0	-7.2	50.0
1,2-Dichloropropane	Ave	0.3739	0.3600		19.3	20.0	-3.7	20.0
Bromodichloromethane	Ave	0.5135	0.4998		19.5	20.0	-2.7	50.0
Ethyl acrylate	Ave	0.4047	0.3536		17.5	20.0	-12.6	50.0
Methyl methacrylate	Ave	0.2093	0.1876		17.9	20.0	-10.4	50.0
1,4-Dioxane	Ave	0.0045	0.0044		147	150	-1.9	50.0
Propyl acetate	LinF	0.5245	0.4997		31.6	40.0	-20.9	50.0
2-Chloroethyl vinyl ether	Ave	0.1794	0.1586		17.7	20.0	-11.6	50.0
cis-1,3-Dichloropropene	Ave	0.5286	0.5044		19.1	20.0	-4.6	50.0
Toluene	Ave	1.927	1.886		19.6	20.0	-2.1	20.0
Epichlorohydrin	Ave	0.0355	0.0349		394	400	-1.5	50.0
Tetrachloroethene	Ave	0.5338	0.5286		19.8	20.0	-1.0	50.0
4-Methyl-2-pentanone	Ave	0.4469	0.4049		18.1	20.0	-9.4	50.0
trans-1,3-Dichloropropene	Ave	0.6919	0.6392		18.5	20.0	-7.6	50.0
1,1,2-Trichloroethane	Ave	0.3372	0.3189		18.9	20.0	-5.4	50.0
Dibromochloromethane	Ave	0.4830	0.4646		19.2	20.0	-3.8	50.0
1,3-Dichloropropane	Ave	0.6962	0.6436		18.5	20.0	-7.6	50.0
1,2-Dibromoethane	Ave	0.4015	0.3567		17.8	20.0	-11.2	50.0
Butyl acetate	Ave	0.8460	0.7640		36.1	40.0	-9.7	50.0
2-Hexanone	Ave	0.4320	0.3951		18.3	20.0	-8.5	50.0
Chlorobenzene	Ave	1.235	1.166	0.3000	18.9	20.0	-5.7	50.0
Ethylbenzene	Ave	0.6462	0.6569		20.3	20.0	1.7	20.0
1,1,1,2-Tetrachloroethane	Ave	0.5390	0.5461		20.3	20.0	1.3	50.0
m&p-Xylene	Ave	0.8145	0.8218		40.4	40.0	0.9	50.0
o-Xylene	Ave	0.8375	0.8158		19.5	20.0	-2.6	50.0
Bromoform	Ave	0.3302	0.3383	0.1000	20.5	20.0	2.4	50.0
Styrene	Ave	1.257	1.210		19.3	20.0	-3.7	50.0
Butyl acrylate	Ave	1.688	1.349		16.0	20.0	-20.1	50.0
Isopropylbenzene	Ave	2.431	2.449		20.1	20.0	0.7	50.0
Camphene, Total	Ave	1.453	1.416		19.5	20.0	-2.6	50.0
Monobromobenzene	Ave	1.074	0.9308		17.3	20.0	-13.3	50.0
N-Propylbenzene	Ave	5.177	4.744		18.3	20.0	-8.4	50.0
1,1,2,2-Tetrachloroethane	Ave	1.127	0.9705	0.3000	17.2	20.0	-13.9	50.0
2-Chlorotoluene	Ave	3.138	2.744		17.5	20.0	-12.5	50.0
1,2,3-Trichloropropane	Ave	0.3228	0.2930		18.2	20.0	-9.2	50.0
1,3,5-Trimethylbenzene	Ave	3.782	3.357		17.8	20.0	-11.2	50.0
trans-1,4-Dichloro-2-butene	Ave	0.1148	0.1256		21.9	20.0	9.4	50.0
4-Chlorotoluene	Ave	3.060	2.613		17.1	20.0	-14.6	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVIS 460-86004/2 Calibration Date: 09/14/2011 04:25

Instrument ID: VOAMS4 Calib Start Date: 09/03/2011 03:40

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/03/2011 06:04

Lab File ID: d12660.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
tert-Butylbenzene	Ave	3.060	2.747		18.0	20.0	-10.2	50.0
Butyl Methacrylate	LinF	1.339	1.141		13.9	20.0	-30.3	50.0
1,2,4-Trimethylbenzene	Ave	3.872	3.486		18.0	20.0	-10.0	50.0
sec-Butylbenzene	Ave	4.880	4.592		18.8	20.0	-5.9	50.0
p-Isopropyltoluene	Ave	4.055	3.745		18.5	20.0	-7.7	50.0
1,3-Dichlorobenzene	Ave	2.032	1.839		18.1	20.0	-9.5	50.0
2-Octanol	Ave	0.3682	0.3271		17.8	20.0	-11.2	50.0
1,4-Dichlorobenzene	Ave	2.083	1.847		17.7	20.0	-11.3	50.0
2-Octanone	Ave	1.549	1.451		18.7	20.0	-6.3	50.0
Benzyl chloride	Ave	0.3227	0.3442		21.3	20.0	6.7	50.0
n-Butylbenzene	Ave	2.337	2.210		18.9	20.0	-5.4	50.0
1,2-Dichlorobenzene	Ave	2.082	1.888		18.1	20.0	-9.3	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.2817	0.2467		17.5	20.0	-12.4	50.0
Hexachlorobutadiene	Ave	1.100	1.037		18.9	20.0	-5.7	50.0
1,2,4-Trichlorobenzene	Ave	1.899	1.640		17.3	20.0	-13.6	50.0
Camphor	LinF	0.1121	0.0910		58.9	100	-41.1	50.0
Naphthalene	Ave	4.288	3.604		16.8	20.0	-15.9	50.0
1,2,3-Trichlorobenzene	Ave	1.910	1.643		17.2	20.0	-14.0	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.4762	0.5315		55.8	50.0	11.6	50.0
Toluene-d8 (Surr)	Ave	1.464	1.409		48.1	50.0	-3.8	50.0
Bromofluorobenzene	Ave	1.013	0.9016		44.5	50.0	-11.0	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVIS 460-86290/2 Calibration Date: 09/15/2011 18:34

Instrument ID: VOAMS4 Calib Start Date: 09/03/2011 03:40

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/03/2011 06:04

Lab File ID: d12737.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	0.5080	0.6597		26.0	20.0	29.9	50.0
Chloromethane	Ave	0.5543	0.6930	0.1000	25.0	20.0	25.0	50.0
Vinyl chloride	Ave	0.4811	0.5643		23.5	20.0	17.3	20.0
Bromomethane	Ave	0.2843	0.3395		23.9	20.0	19.4	50.0
Chloroethane	Ave	0.2904	0.3070		21.1	20.0	5.7	50.0
n-Pentane	LinF	0.0583	0.0584		25.1	20.0	25.3	50.0
Trichlorofluoromethane	Ave	0.8405	0.8447		20.1	20.0	0.5	50.0
Isopropene	Ave	0.4330	0.5097		23.5	20.0	17.7	50.0
Ethyl ether	LinF	0.3082	0.3242		24.1	20.0	20.4	50.0
1,1-Dichloroethene	Ave	0.2961	0.3104		21.0	20.0	4.8	20.0
Carbon disulfide	Ave	1.119	1.292		23.1	20.0	15.5	50.0
Freon TF	Ave	0.3593	0.4102		22.8	20.0	14.1	50.0
Iodomethane	Ave	0.5987	0.6909		23.1	20.0	15.4	50.0
Acrolein	Ave	0.0728	0.0689		284	300	-5.3	99.0
Methylene Chloride	LinF	0.4244	0.4613		25.3	20.0	26.6	50.0
Acetone	LinF	0.1858	0.1622		22.7	20.0	13.5	50.0
trans-1,2-Dichloroethene	Ave	0.3599	0.3837		21.3	20.0	6.6	50.0
Methyl acetate	Ave	0.0883	0.1034		23.4	20.0	17.0	50.0
Hexane	LinF	0.3556	0.4310		28.3	20.0	41.3	50.0
MTBE	Ave	1.218	1.377		22.6	20.0	13.0	50.0
TBA	Ave	0.0543	0.0606		446	400	11.6	50.0
Acetonitrile	Ave	0.0780	0.0924		474	400	18.4	50.0
DIPE	Ave	1.512	1.768		23.4	20.0	17.0	50.0
1,1-Dichloroethane	Ave	0.7338	0.7766	0.1000	21.2	20.0	5.8	50.0
Acrylonitrile	Ave	0.1560	0.1698		163	150	8.8	50.0
Tert-butyl ethyl ether	Ave	1.294	1.502	0.0100	23.2	20.0	16.1	50.0
Vinyl acetate	Ave	0.6638	0.6912		20.8	20.0	4.1	50.0
cis-1,2-Dichloroethene	Ave	0.3801	0.4071		21.4	20.0	7.1	50.0
2,2-Dichloropropane	Ave	0.6332	0.6874		21.7	20.0	8.6	50.0
Bromochloromethane	Ave	0.1851	0.1972		21.3	20.0	6.6	50.0
Cyclohexane	LinF	0.6340	0.8450		25.3	20.0	26.4	50.0
Chloroform	Ave	0.7644	0.7664		20.1	20.0	0.3	20.0
Carbon tetrachloride	Ave	0.6895	0.7250		21.0	20.0	5.2	50.0
Ethyl acetate	Ave	0.0384	0.0419		43.7	40.0	9.4	50.0
1,1,1-Trichloroethane	Ave	0.7289	0.7476		20.5	20.0	2.6	50.0
1,1-Dichloropropene	LinF	0.5764	0.5675		22.5	20.0	12.7	50.0
2-Butanone	Ave	0.2364	0.2956		25.0	20.0	25.0	50.0
n-Heptane	Ave	0.4203	0.5109		24.3	20.0	21.5	50.0
Benzene	Ave	1.365	1.430		21.0	20.0	4.8	50.0
Tert-amyl methyl ether	Ave	1.041	1.205		23.2	20.0	15.8	50.0
1,2-Dichloroethane	Ave	0.6175	0.5922		19.2	20.0	-4.1	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVIS 460-86290/2 Calibration Date: 09/15/2011 18:34

Instrument ID: VOAMS4 Calib Start Date: 09/03/2011 03:40

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/03/2011 06:04

Lab File ID: d12737.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
Isopropyl acetate	Ave	0.8172	0.9409		46.1	40.0	15.1	50.0
Methylcyclohexane	Ave	0.6232	0.7553		24.2	20.0	21.2	50.0
Trichloroethene	Ave	0.3591	0.3668		20.4	20.0	2.1	50.0
Dibromomethane	Ave	0.2377	0.2273		19.1	20.0	-4.4	50.0
1,2-Dichloropropane	Ave	0.3739	0.3688		19.7	20.0	-1.4	20.0
Ethyl acrylate	Ave	0.4047	0.4382		21.7	20.0	8.3	50.0
Bromodichloromethane	Ave	0.5135	0.5140		20.0	20.0	0.1	50.0
Methyl methacrylate	Ave	0.2093	0.2203		21.1	20.0	5.3	50.0
1,4-Dioxane	Ave	0.0045	0.0044		145	150	-3.1	50.0
Propyl acetate	LinF	0.5245	0.5862		37.1	40.0	-7.2	50.0
2-Chloroethyl vinyl ether	Ave	0.1794	0.1863		20.8	20.0	3.9	50.0
cis-1,3-Dichloropropene	Ave	0.5286	0.5387		20.4	20.0	1.9	50.0
Toluene	Ave	1.927	2.027		21.0	20.0	5.2	20.0
Epichlorohydrin	Ave	0.0355	0.0392		442	400	10.5	50.0
Tetrachloroethene	Ave	0.5338	0.5024		18.8	20.0	-5.9	50.0
4-Methyl-2-pentanone	Ave	0.4469	0.4592		20.6	20.0	2.8	50.0
trans-1,3-Dichloropropene	Ave	0.6919	0.6835		19.8	20.0	-1.2	50.0
1,1,2-Trichloroethane	Ave	0.3372	0.3261		19.3	20.0	-3.3	50.0
Dibromochloromethane	Ave	0.4830	0.4669		19.3	20.0	-3.3	50.0
1,3-Dichloropropane	Ave	0.6962	0.6806		19.6	20.0	-2.2	50.0
1,2-Dibromoethane	Ave	0.4015	0.3842		19.1	20.0	-4.3	50.0
Butyl acetate	Ave	0.8460	0.9306		44.0	40.0	10.0	50.0
2-Hexanone	Ave	0.4320	0.4902		22.7	20.0	13.5	50.0
Chlorobenzene	Ave	1.235	1.203	0.3000	19.5	20.0	-2.6	50.0
Ethylbenzene	Ave	0.6462	0.6531		20.2	20.0	1.1	20.0
1,1,1,2-Tetrachloroethane	Ave	0.5390	0.5240		19.4	20.0	-2.8	50.0
m&p-Xylene	Ave	0.8145	0.8102		39.8	40.0	-0.5	50.0
o-Xylene	Ave	0.8375	0.8171		19.5	20.0	-2.4	50.0
Bromoform	Ave	0.3302	0.3236	0.1000	19.6	20.0	-2.0	50.0
Styrene	Ave	1.257	1.252		19.9	20.0	-0.3	50.0
Butyl acrylate	Ave	1.688	1.862		22.1	20.0	10.3	50.0
Isopropylbenzene	Ave	2.431	2.384		19.6	20.0	-2.0	50.0
Camphene, Total	Ave	1.453	1.584		21.8	20.0	9.0	50.0
Monobromobenzene	Ave	1.074	0.9786		18.2	20.0	-8.9	50.0
N-Propylbenzene	Ave	5.177	4.907		19.0	20.0	-5.2	50.0
1,1,2,2-Tetrachloroethane	Ave	1.127	1.075	0.3000	19.1	20.0	-4.6	50.0
2-Chlorotoluene	Ave	3.138	2.921		18.6	20.0	-6.9	50.0
1,2,3-Trichloropropane	Ave	0.3228	0.3223		20.0	20.0	-0.2	50.0
1,3,5-Trimethylbenzene	Ave	3.782	3.496		18.5	20.0	-7.6	50.0
trans-1,4-Dichloro-2-butene	Ave	0.1148	0.1235		21.5	20.0	7.6	50.0
4-Chlorotoluene	Ave	3.060	2.877		18.8	20.0	-6.0	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVIS 460-86290/2 Calibration Date: 09/15/2011 18:34

Instrument ID: VOAMS4 Calib Start Date: 09/03/2011 03:40

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/03/2011 06:04

Lab File ID: d12737.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
tert-Butylbenzene	Ave	3.060	2.802		18.3	20.0	-8.4	50.0
Butyl Methacrylate	LinF	1.339	1.506		18.4	20.0	-8.0	50.0
1,2,4-Trimethylbenzene	Ave	3.872	3.620		18.7	20.0	-6.5	50.0
sec-Butylbenzene	Ave	4.880	4.491		18.4	20.0	-8.0	50.0
p-Isopropyltoluene	Ave	4.055	3.673		18.1	20.0	-9.4	50.0
1,3-Dichlorobenzene	Ave	2.032	1.945		19.1	20.0	-4.3	50.0
2-Octanol	Ave	0.3682	0.3928		21.3	20.0	6.7	50.0
1,4-Dichlorobenzene	Ave	2.083	1.960		18.8	20.0	-5.9	50.0
2-Octanone	Ave	1.549	1.784		23.0	20.0	15.2	50.0
Benzyl chloride	Ave	0.3227	0.3698		22.9	20.0	14.6	50.0
n-Butylbenzene	Ave	2.337	2.104		18.0	20.0	-9.9	50.0
1,2-Dichlorobenzene	Ave	2.082	1.927		18.5	20.0	-7.5	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.2817	0.2513		17.8	20.0	-10.8	50.0
Hexachlorobutadiene	Ave	1.100	0.8595		15.6	20.0	-21.9	50.0
1,2,4-Trichlorobenzene	Ave	1.899	1.611		17.0	20.0	-15.1	50.0
Camphor	LinF	0.1121	0.1167		75.5	100	-24.5	50.0
Naphthalene	Ave	4.288	3.873		18.1	20.0	-9.7	50.0
1,2,3-Trichlorobenzene	Ave	1.910	1.627		17.0	20.0	-14.8	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.4762	0.4560		47.9	50.0	-4.3	50.0
Toluene-d8 (Surr)	Ave	1.464	1.429		48.8	50.0	-2.4	50.0
Bromofluorobenzene	Ave	1.013	0.9786		48.3	50.0	-3.4	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVIS 460-86306/2 Calibration Date: 09/16/2011 05:54

Instrument ID: VOAMS4 Calib Start Date: 09/03/2011 03:40

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/03/2011 06:04

Lab File ID: d12762.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	0.5080	0.6351		25.0	20.0	25.0	50.0
Chloromethane	Ave	0.5543	0.6616	0.1000	23.9	20.0	19.4	50.0
Vinyl chloride	Ave	0.4811	0.5463		22.7	20.0	13.5	20.0
Bromomethane	Ave	0.2843	0.3445		24.2	20.0	21.2	50.0
Chloroethane	Ave	0.2904	0.2990		20.6	20.0	3.0	50.0
n-Pentane	LinF	0.0583	0.0628		26.9	20.0	34.7	50.0
Trichlorofluoromethane	Ave	0.8405	0.9827		23.4	20.0	16.9	50.0
Isopropene	Ave	0.4330	0.4908		22.7	20.0	13.4	50.0
Ethyl ether	LinF	0.3082	0.3043		22.6	20.0	13.1	50.0
1,1-Dichloroethene	Ave	0.2961	0.3423		23.1	20.0	15.6	20.0
Carbon disulfide	Ave	1.119	1.250		22.3	20.0	11.7	50.0
Freon TF	Ave	0.3593	0.4339		24.2	20.0	20.8	50.0
Iodomethane	Ave	0.5987	0.6929		23.1	20.0	15.7	50.0
Acrolein	Ave	0.0728	0.0731		301	300	0.4	99.0
Methylene Chloride	LinF	0.4244	0.4357		23.9	20.0	19.6	50.0
Acetone	LinF	0.1858	0.2017		28.2	20.0	41.2	50.0
trans-1,2-Dichloroethene	Ave	0.3599	0.3949		21.9	20.0	9.7	50.0
Methyl acetate	Ave	0.0883	0.1084		24.5	20.0	22.7	50.0
Hexane	LinF	0.3556	0.4107		26.9	20.0	34.6	50.0
MTBE	Ave	1.218	1.246		20.5	20.0	2.3	50.0
TBA	Ave	0.0543	0.0613		451	400	12.9	50.0
Acetonitrile	Ave	0.0780	0.0790		405	400	1.3	50.0
DIPE	Ave	1.512	1.522		20.1	20.0	0.7	50.0
1,1-Dichloroethane	Ave	0.7338	0.7914	0.1000	21.6	20.0	7.8	50.0
Acrylonitrile	Ave	0.1560	0.1668		160	150	6.9	50.0
Tert-butyl ethyl ether	Ave	1.294	1.352	0.0100	20.9	20.0	4.5	50.0
Vinyl acetate	Ave	0.6638	0.6339		19.1	20.0	-4.5	50.0
cis-1,2-Dichloroethene	Ave	0.3801	0.4032		21.2	20.0	6.1	50.0
2,2-Dichloropropane	Ave	0.6332	0.7553		23.9	20.0	19.3	50.0
Bromochloromethane	Ave	0.1851	0.1985		21.4	20.0	7.2	50.0
Cyclohexane	LinF	0.6340	0.7818		23.4	20.0	17.0	50.0
Chloroform	Ave	0.7644	0.7937		20.8	20.0	3.8	20.0
Carbon tetrachloride	Ave	0.6895	0.8036		23.3	20.0	16.6	50.0
Ethyl acetate	Ave	0.0384	0.0400		41.7	40.0	4.3	50.0
1,1,1-Trichloroethane	Ave	0.7289	0.8285		22.7	20.0	13.7	50.0
1,1-Dichloropropene	LinF	0.5764	0.5528		21.9	20.0	9.7	50.0
2-Butanone	Ave	0.2364	0.2207		18.7	20.0	-6.6	50.0
n-Heptane	Ave	0.4203	0.4970		23.6	20.0	18.2	50.0
Benzene	Ave	1.365	1.405		20.6	20.0	2.9	50.0
Tert-amyl methyl ether	Ave	1.041	1.074		20.6	20.0	3.2	50.0
1,2-Dichloroethane	Ave	0.6175	0.6445		20.9	20.0	4.4	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVIS 460-86306/2 Calibration Date: 09/16/2011 05:54

Instrument ID: VOAMS4 Calib Start Date: 09/03/2011 03:40

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/03/2011 06:04

Lab File ID: d12762.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
Isopropyl acetate	Ave	0.8172	0.8352		40.9	40.0	2.2	50.0
Methylcyclohexane	Ave	0.6232	0.7028		22.6	20.0	12.8	50.0
Trichloroethene	Ave	0.3591	0.3887		21.6	20.0	8.2	50.0
Dibromomethane	Ave	0.2377	0.2357		19.8	20.0	-0.9	50.0
1,2-Dichloropropane	Ave	0.3739	0.3522		18.8	20.0	-5.8	20.0
Ethyl acrylate	Ave	0.4047	0.3800		18.8	20.0	-6.1	50.0
Bromodichloromethane	Ave	0.5135	0.5170		20.1	20.0	0.7	50.0
Methyl methacrylate	Ave	0.2093	0.1876		17.9	20.0	-10.4	50.0
1,4-Dioxane	Ave	0.0045	0.0036		120	150	-20.1	50.0
Propyl acetate	LinF	0.5245	0.5086		32.2	40.0	-19.5	50.0
2-Chloroethyl vinyl ether	Ave	0.1794	0.1501		16.7	20.0	-16.4	50.0
cis-1,3-Dichloropropene	Ave	0.5286	0.5140		19.4	20.0	-2.8	50.0
Toluene	Ave	1.927	1.948		20.2	20.0	1.1	20.0
Epichlorohydrin	Ave	0.0355	0.0356		402	400	0.4	50.0
Tetrachloroethene	Ave	0.5338	0.5451		20.4	20.0	2.1	50.0
4-Methyl-2-pentanone	Ave	0.4469	0.4077		18.2	20.0	-8.8	50.0
trans-1,3-Dichloropropene	Ave	0.6919	0.6689		19.3	20.0	-3.3	50.0
1,1,2-Trichloroethane	Ave	0.3372	0.3267		19.4	20.0	-3.1	50.0
Dibromochloromethane	Ave	0.4830	0.4629		19.2	20.0	-4.2	50.0
1,3-Dichloropropane	Ave	0.6962	0.6670		19.2	20.0	-4.2	50.0
1,2-Dibromoethane	Ave	0.4015	0.3755		18.7	20.0	-6.5	50.0
Butyl acetate	Ave	0.8460	0.8256		39.0	40.0	-2.4	50.0
2-Hexanone	Ave	0.4320	0.4663		21.6	20.0	7.9	50.0
Chlorobenzene	Ave	1.235	1.223	0.3000	19.8	20.0	-1.0	50.0
Ethylbenzene	Ave	0.6462	0.6727		20.8	20.0	4.1	20.0
1,1,1,2-Tetrachloroethane	Ave	0.5390	0.5733		21.3	20.0	6.4	50.0
m&p-Xylene	Ave	0.8145	0.8459		41.5	40.0	3.9	50.0
o-Xylene	Ave	0.8375	0.8385		20.0	20.0	0.1	50.0
Bromoform	Ave	0.3302	0.3390	0.1000	20.5	20.0	2.7	50.0
Styrene	Ave	1.257	1.300		20.7	20.0	3.4	50.0
Butyl acrylate	Ave	1.688	1.536		18.2	20.0	-9.0	50.0
Isopropylbenzene	Ave	2.431	2.561		21.1	20.0	5.3	50.0
Camphene, Total	Ave	1.453	1.574		21.7	20.0	8.3	50.0
Monobromobenzene	Ave	1.074	0.9865		18.4	20.0	-8.1	50.0
N-Propylbenzene	Ave	5.177	5.125		19.8	20.0	-1.0	50.0
1,1,2,2-Tetrachloroethane	Ave	1.127	1.030	0.3000	18.3	20.0	-8.6	50.0
2-Chlorotoluene	Ave	3.138	2.936		18.7	20.0	-6.4	50.0
1,2,3-Trichloropropane	Ave	0.3228	0.3144		19.5	20.0	-2.6	50.0
1,3,5-Trimethylbenzene	Ave	3.782	3.703		19.6	20.0	-2.1	50.0
trans-1,4-Dichloro-2-butene	Ave	0.1148	0.1211		21.1	20.0	5.5	50.0
4-Chlorotoluene	Ave	3.060	2.934		19.2	20.0	-4.1	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVIS 460-86306/2 Calibration Date: 09/16/2011 05:54

Instrument ID: VOAMS4 Calib Start Date: 09/03/2011 03:40

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/03/2011 06:04

Lab File ID: d12762.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
tert-Butylbenzene	Ave	3.060	2.971		19.4	20.0	-2.9	50.0
Butyl Methacrylate	LinF	1.339	1.290		15.8	20.0	-21.2	50.0
1,2,4-Trimethylbenzene	Ave	3.872	3.833		19.8	20.0	-1.0	50.0
sec-Butylbenzene	Ave	4.880	4.847		19.9	20.0	-0.7	50.0
p-Isopropyltoluene	Ave	4.055	4.072		20.1	20.0	0.4	50.0
1,3-Dichlorobenzene	Ave	2.032	2.008		19.8	20.0	-1.2	50.0
2-Octanol	Ave	0.3682	0.3777		20.5	20.0	2.6	50.0
1,4-Dichlorobenzene	Ave	2.083	1.964		18.9	20.0	-5.7	50.0
2-Octanone	Ave	1.549	1.662		21.5	20.0	7.3	50.0
Benzyl chloride	Ave	0.3227	0.3435		21.3	20.0	6.4	50.0
n-Butylbenzene	Ave	2.337	2.352		20.1	20.0	0.6	50.0
1,2-Dichlorobenzene	Ave	2.082	2.032		19.5	20.0	-2.4	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.2817	0.2592		18.4	20.0	-8.0	50.0
Hexachlorobutadiene	Ave	1.100	1.098		20.0	20.0	-0.2	50.0
1,2,4-Trichlorobenzene	Ave	1.899	1.743		18.4	20.0	-8.2	50.0
Camphor	LinF	0.1121	0.1034		66.9	100	-33.1	50.0
Naphthalene	Ave	4.288	3.857		18.0	20.0	-10.1	50.0
1,2,3-Trichlorobenzene	Ave	1.910	1.779		18.6	20.0	-6.9	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.4762	0.5165		54.2	50.0	8.5	50.0
Toluene-d8 (Surr)	Ave	1.464	1.449		49.5	50.0	-1.0	50.0
Bromofluorobenzene	Ave	1.013	0.9619		47.5	50.0	-5.0	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVIS 460-86784/2 Calibration Date: 09/21/2011 04:36

Instrument ID: VOAMS4 Calib Start Date: 09/03/2011 03:40

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/03/2011 06:04

Lab File ID: d12878.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	0.5080	0.5428		21.4	20.0	6.9	50.0
Chloromethane	Ave	0.5543	0.6064	0.1000	21.9	20.0	9.4	50.0
Vinyl chloride	Ave	0.4811	0.5119		21.3	20.0	6.4	20.0
Bromomethane	Ave	0.2843	0.3189		22.4	20.0	12.2	50.0
Chloroethane	Ave	0.2904	0.2773		19.1	20.0	-4.5	50.0
n-Pentane	LinF	0.0583	0.0525		22.6	20.0	12.8	50.0
Trichlorofluoromethane	Ave	0.8405	0.8581		20.4	20.0	2.1	50.0
Isopropene	Ave	0.4330	0.4456		20.6	20.0	2.9	50.0
Ethyl ether	LinF	0.3082	0.2678		19.9	20.0	-0.5	50.0
1,1-Dichloroethene	Ave	0.2961	0.2943		19.9	20.0	-0.6	20.0
Carbon disulfide	Ave	1.119	1.134		20.3	20.0	1.4	50.0
Freon TF	Ave	0.3593	0.3807		21.2	20.0	5.9	50.0
Iodomethane	Ave	0.5987	0.6152		20.6	20.0	2.8	50.0
Acrolein	Ave	0.0728	0.0604		249	300	-17.1	99.0
Methylene Chloride	LinF	0.4244	0.3767		20.7	20.0	3.4	50.0
Acetone	LinF	0.1858	0.1928		27.0	20.0	35.0	50.0
trans-1,2-Dichloroethene	Ave	0.3599	0.3209		17.8	20.0	-10.8	50.0
Methyl acetate	Ave	0.0883	0.0794		18.0	20.0	-10.2	50.0
Hexane	LinF	0.3556	0.3530		23.1	20.0	15.7	50.0
MTBE	Ave	1.218	1.175		19.3	20.0	-3.6	50.0
TBA	Ave	0.0543	0.0531		391	400	-2.1	50.0
Acetonitrile	Ave	0.0780	0.0735		377	400	-5.8	50.0
DIPE	Ave	1.512	1.405		18.6	20.0	-7.0	50.0
1,1-Dichloroethane	Ave	0.7338	0.6724	0.1000	18.3	20.0	-8.4	50.0
Acrylonitrile	Ave	0.1560	0.1523		146	150	-2.4	50.0
Tert-butyl ethyl ether	Ave	1.294	1.260	0.0100	19.5	20.0	-2.6	50.0
Vinyl acetate	Ave	0.6638	0.5628		17.0	20.0	-15.2	50.0
cis-1,2-Dichloroethene	Ave	0.3801	0.3343		17.6	20.0	-12.0	50.0
2,2-Dichloropropane	Ave	0.6332	0.6563		20.7	20.0	3.6	50.0
Bromochloromethane	Ave	0.1851	0.1681		18.2	20.0	-9.2	50.0
Cyclohexane	LinF	0.6340	0.6914		20.7	20.0	3.5	50.0
Chloroform	Ave	0.7644	0.6710		17.6	20.0	-12.2	20.0
Carbon tetrachloride	Ave	0.6895	0.6908		20.0	20.0	0.2	50.0
Ethyl acetate	Ave	0.0384	0.0333		34.8	40.0	-13.1	50.0
1,1,1-Trichloroethane	Ave	0.7289	0.6840		18.8	20.0	-6.2	50.0
1,1-Dichloropropene	LinF	0.5764	0.4535		18.0	20.0	-10.0	50.0
2-Butanone	Ave	0.2364	0.1872		15.8	20.0	-20.8	50.0
n-Heptane	Ave	0.4203	0.3972		18.9	20.0	-5.5	50.0
Benzene	Ave	1.365	1.162		17.0	20.0	-14.9	50.0
Tert-amyl methyl ether	Ave	1.041	0.997		19.2	20.0	-4.2	50.0
1,2-Dichloroethane	Ave	0.6175	0.5226		16.9	20.0	-15.4	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVIS 460-86784/2 Calibration Date: 09/21/2011 04:36

Instrument ID: VOAMS4 Calib Start Date: 09/03/2011 03:40

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/03/2011 06:04

Lab File ID: d12878.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
Isopropyl acetate	Ave	0.8172	0.7390		36.2	40.0	-9.6	50.0
Methylcyclohexane	Ave	0.6232	0.6310		20.2	20.0	1.2	50.0
Trichloroethene	Ave	0.3591	0.3027		16.9	20.0	-15.7	50.0
Dibromomethane	Ave	0.2377	0.1927		16.2	20.0	-19.0	50.0
1,2-Dichloropropane	Ave	0.3739	0.2993		16.0	20.0	-20.0	20.0
Ethyl acrylate	Ave	0.4047	0.3500		17.3	20.0	-13.5	50.0
Bromodichloromethane	Ave	0.5135	0.4299		16.7	20.0	-16.3	50.0
Methyl methacrylate	Ave	0.2093	0.1743		16.7	20.0	-16.7	50.0
1,4-Dioxane	Ave	0.0045	0.0041		138	150	-7.7	50.0
Propyl acetate	LinF	0.5245	0.4700		29.8	40.0	-25.6	50.0
2-Chloroethyl vinyl ether	Ave	0.1794	0.1492		16.6	20.0	-16.8	50.0
cis-1,3-Dichloropropene	Ave	0.5286	0.4372		16.5	20.0	-17.3	50.0
Toluene	Ave	1.927	1.578		16.4	20.0	-18.1	20.0
Epichlorohydrin	Ave	0.0355	0.0317		357	400	-10.7	50.0
Tetrachloroethene	Ave	0.5338	0.4412		16.5	20.0	-17.4	50.0
4-Methyl-2-pentanone	Ave	0.4469	0.3767		16.9	20.0	-15.7	50.0
trans-1,3-Dichloropropene	Ave	0.6919	0.5755		16.6	20.0	-16.8	50.0
1,1,2-Trichloroethane	Ave	0.3372	0.2694		16.0	20.0	-20.1	50.0
Dibromochloromethane	Ave	0.4830	0.4022		16.7	20.0	-16.7	50.0
1,3-Dichloropropane	Ave	0.6962	0.5491		15.8	20.0	-21.1	50.0
1,2-Dibromoethane	Ave	0.4015	0.2980		14.8	20.0	-25.8	50.0
Butyl acetate	Ave	0.8460	0.7065		33.4	40.0	-16.5	50.0
2-Hexanone	Ave	0.4320	0.3714		17.2	20.0	-14.0	50.0
Chlorobenzene	Ave	1.235	1.004	0.3000	16.2	20.0	-18.8	50.0
Ethylbenzene	Ave	0.6462	0.5386		16.7	20.0	-16.6	20.0
1,1,1,2-Tetrachloroethane	Ave	0.5390	0.4493		16.7	20.0	-16.6	50.0
m&p-Xylene	Ave	0.8145	0.6771		33.3	40.0	-16.9	50.0
o-Xylene	Ave	0.8375	0.6848		16.4	20.0	-18.2	50.0
Bromoform	Ave	0.3302	0.2766	0.1000	16.8	20.0	-16.2	50.0
Styrene	Ave	1.257	1.018		16.2	20.0	-19.0	50.0
Butyl acrylate	Ave	1.688	1.368		16.2	20.0	-18.9	50.0
Isopropylbenzene	Ave	2.431	2.047		16.8	20.0	-15.8	50.0
Camphene, Total	Ave	1.453	1.333		18.3	20.0	-8.3	50.0
Monobromobenzene	Ave	1.074	0.8111		15.1	20.0	-24.5	50.0
N-Propylbenzene	Ave	5.177	4.144		16.0	20.0	-20.0	50.0
1,1,2,2-Tetrachloroethane	Ave	1.127	0.8186	0.3000	14.5	20.0	-27.4	50.0
2-Chlorotoluene	Ave	3.138	2.397		15.3	20.0	-23.6	50.0
1,2,3-Trichloropropane	Ave	0.3228	0.2565		15.9	20.0	-20.5	50.0
1,3,5-Trimethylbenzene	Ave	3.782	2.930		15.5	20.0	-22.5	50.0
trans-1,4-Dichloro-2-butene	Ave	0.1148	0.1177		20.5	20.0	2.5	50.0
4-Chlorotoluene	Ave	3.060	2.353		15.4	20.0	-23.1	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVIS 460-86784/2 Calibration Date: 09/21/2011 04:36

Instrument ID: VOAMS4 Calib Start Date: 09/03/2011 03:40

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/03/2011 06:04

Lab File ID: d12878.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
tert-Butylbenzene	Ave	3.060	2.374		15.5	20.0	-22.4	50.0
Butyl Methacrylate	LinF	1.339	1.114		13.6	20.0	-31.9	50.0
1,2,4-Trimethylbenzene	Ave	3.872	3.083		15.9	20.0	-20.4	50.0
sec-Butylbenzene	Ave	4.880	3.922		16.1	20.0	-19.6	50.0
p-Isopropyltoluene	Ave	4.055	3.248		16.0	20.0	-19.9	50.0
1,3-Dichlorobenzene	Ave	2.032	1.546		15.2	20.0	-23.9	50.0
2-Octanol	Ave	0.3682	0.3290		17.9	20.0	-10.7	50.0
1,4-Dichlorobenzene	Ave	2.083	1.584		15.2	20.0	-24.0	50.0
2-Octanone	Ave	1.549	1.402		18.1	20.0	-9.5	50.0
Benzyl chloride	Ave	0.3227	0.3063		19.0	20.0	-5.1	50.0
n-Butylbenzene	Ave	2.337	1.888		16.2	20.0	-19.2	50.0
1,2-Dichlorobenzene	Ave	2.082	1.585		15.2	20.0	-23.9	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.2817	0.2037		14.5	20.0	-27.7	50.0
Hexachlorobutadiene	Ave	1.100	0.8612		15.7	20.0	-21.7	50.0
1,2,4-Trichlorobenzene	Ave	1.899	1.428		15.0	20.0	-24.8	50.0
Camphor	LinF	0.1121	0.0912		59.0	100	-41.0	50.0
Naphthalene	Ave	4.288	3.183		14.8	20.0	-25.8	50.0
1,2,3-Trichlorobenzene	Ave	1.910	1.432		15.0	20.0	-25.1	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.4762	0.5187		54.5	50.0	8.9	50.0
Toluene-d8 (Surr)	Ave	1.464	1.383		47.2	50.0	-5.5	50.0
Bromofluorobenzene	Ave	1.013	0.9009		44.5	50.0	-11.1	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVIS 460-86112/2 Calibration Date: 09/15/2011 04:39

Instrument ID: VOAMS8 Calib Start Date: 09/13/2011 22:50

GC Column: DB-624 ID: 0.53(mm) Calib End Date: 09/14/2011 06:22

Lab File ID: j03690.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	0.4543	0.5435		23.9	20.0	19.7	50.0
Chloromethane	Ave	0.3283	0.3518	0.1000	21.4	20.0	7.2	50.0
Vinyl chloride	LinF	0.3367	0.3531		18.5	20.0	-7.6	20.0
Bromomethane	Ave	0.3071	0.3195		20.8	20.0	4.0	50.0
Chloroethane	Ave	0.1857	0.2033		21.9	20.0	9.5	50.0
Trichlorofluoromethane	Ave	0.6293	0.7067		22.5	20.0	12.3	50.0
n-Pentane	Ave	0.0323	0.0374		23.1	20.0	15.7	50.0
Ethanol	Ave	0.0008	0.0008		3170	3000	5.7	50.0
Ethyl ether	Ave	0.2354	0.2421		20.6	20.0	2.9	50.0
Isopropene	Ave	0.2995	0.3332		22.3	20.0	11.3	50.0
Acrolein	Ave	0.0345	0.0354		41.0	40.0	2.6	99.0
1,1-Dichloroethene	Ave	0.2929	0.3099		21.2	20.0	5.8	20.0
Freon TF	Ave	0.5380	0.5990		22.3	20.0	11.3	50.0
Acetone	Ave	0.0197	0.0147		15.0	20.0	-25.2	50.0
Iodomethane	Ave	0.8659	0.8833		20.4	20.0	2.0	50.0
Carbon disulfide	Ave	0.8878	0.9437		21.3	20.0	6.3	50.0
Acetonitrile	Ave	0.0033	0.0032		390	400	-2.4	50.0
Methyl acetate	Ave	0.0697	0.0664		19.1	20.0	-4.7	50.0
Methylene Chloride	Ave	0.3642	0.3784		20.8	20.0	3.9	50.0
TBA	Ave	0.0233	0.0227		389	400	-2.7	50.0
MTBE	Ave	0.8868	0.8767		19.8	20.0	-1.1	50.0
Acrylonitrile	Ave	0.0701	0.0733		20.9	20.0	4.6	50.0
trans-1,2-Dichloroethene	Ave	0.3582	0.3675		20.5	20.0	2.6	50.0
Hexane	Ave	0.1298	0.1372		21.1	20.0	5.7	50.0
1,1-Dichloroethane	Ave	0.6849	0.6963	0.1000	20.3	20.0	1.7	50.0
DIPE	Ave	1.481	1.514		20.4	20.0	2.2	50.0
Vinyl acetate	Ave	0.9823	1.032		21.0	20.0	5.0	50.0
Tert-butyl ethyl ether	Ave	1.178	1.221	0.0100	20.7	20.0	3.6	50.0
2-Butanone	Ave	0.0264	0.0271		20.6	20.0	2.8	50.0
cis-1,2-Dichloroethene	Ave	0.3720	0.3837		20.6	20.0	3.1	50.0
2,2-Dichloropropane	Ave	0.4980	0.5573		22.4	20.0	11.9	50.0
Ethyl acetate	Ave	0.0347	0.0320		36.9	40.0	-7.8	50.0
Bromochloromethane	Ave	0.2461	0.2491		20.2	20.0	1.2	50.0
Tetrahydrofuran	LinF	0.0726	0.0834		22.8	20.0	14.0	50.0
Chloroform	Ave	0.7043	0.7089		20.1	20.0	0.7	20.0
1,1,1-Trichloroethane	Ave	0.5715	0.5751		20.1	20.0	0.6	50.0
Cyclohexane	Ave	0.3543	0.3828		21.6	20.0	8.1	50.0
1,1-Dichloropropene	Ave	0.5021	0.5120		20.4	20.0	2.0	50.0
Carbon tetrachloride	Ave	0.5157	0.5294		20.5	20.0	2.7	50.0
Benzene	Ave	1.400	1.517		21.7	20.0	8.4	50.0
1,2-Dichloroethane	Ave	0.3891	0.3821		19.6	20.0	-1.8	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVIS 460-86112/2 Calibration Date: 09/15/2011 04:39

Instrument ID: VOAMS8 Calib Start Date: 09/13/2011 22:50

GC Column: DB-624 ID: 0.53(mm) Calib End Date: 09/14/2011 06:22

Lab File ID: j03690.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
Tert-amyl methyl ether	Ave	0.9864	0.9793		19.9	20.0	-0.7	50.0
n-Heptane	Ave	0.1065	0.1074		20.2	20.0	0.8	50.0
n-Butanol	Ave	0.0035	0.0033		1430	1500	-5.0	50.0
Trichloroethene	Ave	0.4031	0.3880		19.3	20.0	-3.7	50.0
Ethyl acrylate	Ave	0.4429	0.4342		19.6	20.0	-2.0	50.0
Methylcyclohexane	Ave	0.2590	0.2814		21.7	20.0	8.6	50.0
1,2-Dichloropropane	Ave	0.4135	0.4112		19.9	20.0	-0.6	20.0
Methyl methacrylate	Ave	0.0955	0.0972		20.3	20.0	1.7	50.0
Propyl acetate	Ave	0.5128	0.5162		40.3	40.0	0.7	50.0
1,4-Dioxane	QuaF	0.0033	0.0019		105	150	-29.7	50.0
Dibromomethane	Ave	0.3396	0.3351		19.7	20.0	-1.3	50.0
Bromodichloromethane	Ave	0.6933	0.6940		20.0	20.0	0.1	50.0
2-Chloroethyl vinyl ether	Ave	0.2229	0.2161		19.4	20.0	-3.0	50.0
Epichlorohydrin	Ave	0.0428	0.0437		409	400	2.2	50.0
cis-1,3-Dichloropropene	Ave	0.8616	0.8875		20.6	20.0	3.0	50.0
4-Methyl-2-pentanone	Ave	0.4762	0.4621		19.4	20.0	-3.0	50.0
Toluene	Ave	1.470	1.481		20.2	20.0	0.8	20.0
trans-1,3-Dichloropropene	Ave	0.7132	0.7442		20.9	20.0	4.3	50.0
1,1,2-Trichloroethane	Ave	0.4120	0.4273		20.7	20.0	3.7	50.0
Tetrachloroethene	Ave	0.4999	0.5498		22.0	20.0	10.0	50.0
1,3-Dichloropropane	Ave	0.7815	0.8213		21.0	20.0	5.1	50.0
2-Hexanone	Ave	0.2706	0.2498		18.5	20.0	-7.7	50.0
Butyl acetate	Ave	0.1455	0.1385		38.1	40.0	-4.8	50.0
Dibromochloromethane	Ave	0.7796	0.7824		20.1	20.0	0.4	50.0
1,2-Dibromoethane	Ave	0.6848	0.6983		20.4	20.0	2.0	50.0
Chlorobenzene	Ave	1.013	1.054	0.3000	20.8	20.0	4.0	50.0
1,1,1,2-Tetrachloroethane	Ave	0.5609	0.5626		20.1	20.0	0.3	50.0
Ethylbenzene	Ave	0.4126	0.4299		20.8	20.0	4.2	20.0
m&p-Xylene	Ave	0.5535	0.5689		41.1	40.0	2.8	50.0
Butyl acrylate	Ave	0.4126	0.3863		18.7	20.0	-6.4	50.0
o-Xylene	Ave	0.5513	0.5728		20.8	20.0	3.9	50.0
Styrene	Ave	0.9778	1.001		20.5	20.0	2.3	50.0
Amly acetate	Ave	1.346	1.286		19.1	20.0	-4.5	50.0
Bromoform	Ave	0.5318	0.5153	0.1000	19.4	20.0	-3.1	50.0
Isopropylbenzene	Ave	1.259	1.364		21.7	20.0	8.4	50.0
Camphene, Total	LinF	0.1089	0.1315		23.7	20.0	18.7	50.0
1,1,2,2-Tetrachloroethane	Ave	1.441	1.519	0.3000	21.1	20.0	5.4	50.0
trans-1,4-Dichloro-2-butene	Ave	0.3064	0.2948		19.2	20.0	-3.8	50.0
Monobromobenzene	Ave	1.158	1.186		20.5	20.0	2.4	50.0
1,2,3-Trichloropropane	Ave	0.3958	0.3756		19.0	20.0	-5.1	50.0
N-Propylbenzene	Ave	2.998	3.140		20.9	20.0	4.7	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVIS 460-86112/2 Calibration Date: 09/15/2011 04:39

Instrument ID: VOAMS8 Calib Start Date: 09/13/2011 22:50

GC Column: DB-624 ID: 0.53(mm) Calib End Date: 09/14/2011 06:22

Lab File ID: j03690.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
2-Chlorotoluene	Ave	1.867	1.902		20.4	20.0	1.9	50.0
1,3,5-Trimethylbenzene	Ave	2.071	2.202		21.3	20.0	6.3	50.0
Butyl Methacrylate	Ave	1.632	1.598		19.6	20.0	-2.1	50.0
4-Chlorotoluene	Ave	2.636	2.627		19.9	20.0	-0.3	50.0
tert-Butylbenzene	Ave	2.163	2.245		20.8	20.0	3.8	50.0
1,2,4-Trimethylbenzene	Ave	2.190	2.268		20.7	20.0	3.5	50.0
2-Octanone	Ave	1.756	1.416		16.1	20.0	-19.3	50.0
sec-Butylbenzene	Ave	2.648	2.981		22.5	20.0	12.6	50.0
p-Isopropyltoluene	Ave	2.218	2.314		20.9	20.0	4.3	50.0
1,3-Dichlorobenzene	Ave	1.437	1.439		20.0	20.0	0.1	50.0
1,4-Dichlorobenzene	Ave	1.824	1.863		20.4	20.0	2.1	50.0
Benzyl chloride	Ave	1.627	1.787		22.0	20.0	9.9	50.0
n-Butylbenzene	Ave	1.920	2.056		21.4	20.0	7.1	50.0
1,2-Dichlorobenzene	Ave	1.549	1.578		20.4	20.0	1.9	50.0
1,2-Dibromo-3-Chloropropane	LinF	0.2948	0.2562		17.1	20.0	-14.3	50.0
Camphor	Ave	0.1196	0.0884		73.9	100	-26.1	50.0
1,2,4-Trichlorobenzene	Ave	0.7605	0.6893		18.1	20.0	-9.4	50.0
Hexachlorobutadiene	QuaF	0.7830	0.6494		13.4	20.0	-33.1	50.0
Naphthalene	Ave	1.338	1.087		16.3	20.0	-18.7	50.0
1,2,3-Trichlorobenzene	QuaF	0.6209	0.4950		11.8	20.0	-41.2	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2978	0.2821		47.4	50.0	-5.3	50.0
Toluene-d8 (Surr)	Ave	1.128	1.104		48.9	50.0	-2.1	50.0
Bromofluorobenzene	Ave	1.128	1.068		47.3	50.0	-5.3	50.0

Data File: /chem/VOAMS1.i/8260_09/08-31-11/31aug11.b/a67452.d
Report Date: 31-Aug-2011 20:29

TestAmerica

Data file : /chem/VOAMS1.i/8260_09/08-31-11/31aug11.b/a67452.d
Lab Smp Id: BFB
Inj Date : 31-AUG-2011 20:22
Operator : VOAMS 1 Inst ID: VOAMS1.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS1.i/8260_09/08-31-11/31aug11.b/VOABFB.m
Meth Date : 18-Apr-2011 09:51 sylvanus 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

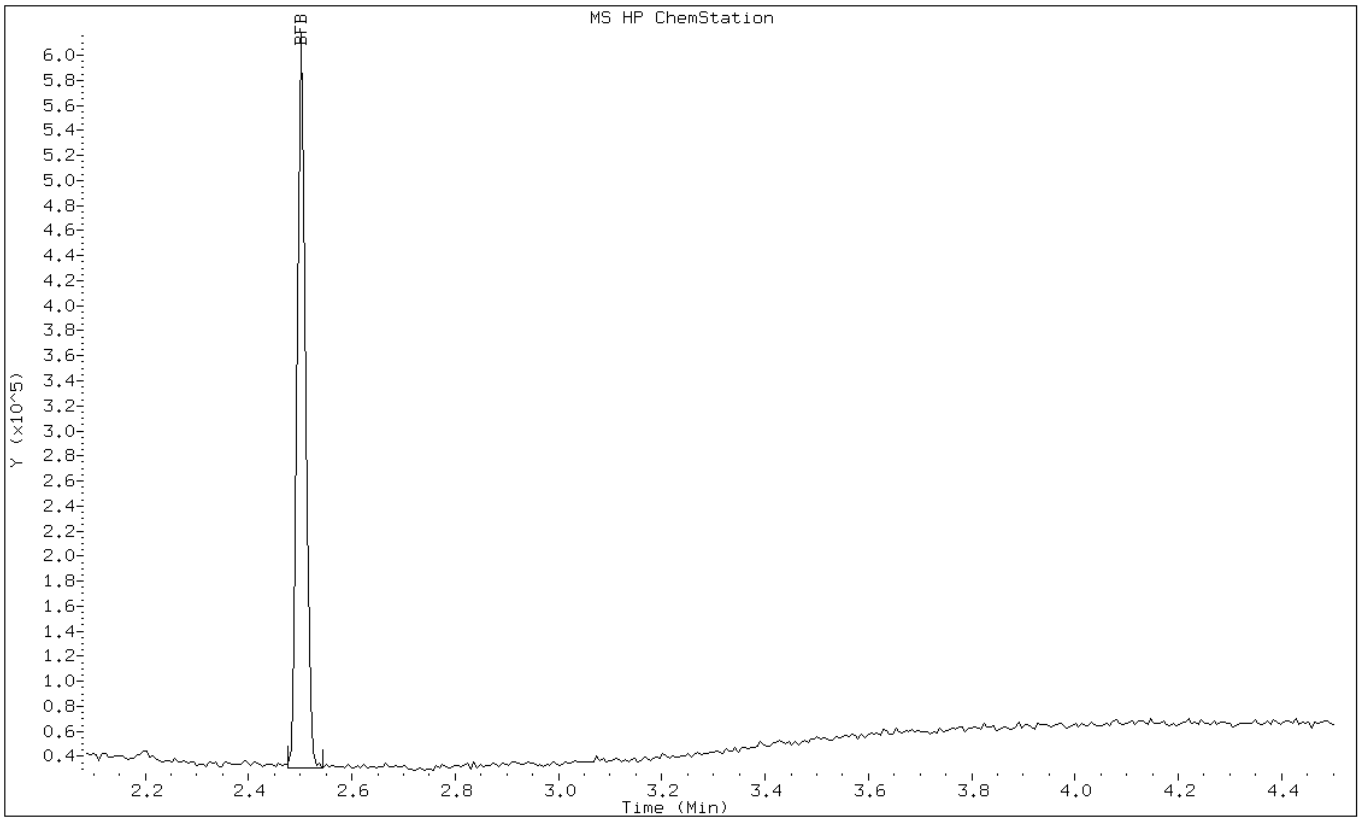
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.501	2.650 (0.000)	95	121552			0.00- 100.00	100.00
2.501	2.650 (0.000)	50	31568			15.00- 40.00	25.97
2.501	2.650 (0.000)	75	68160			30.00- 60.00	56.07
2.501	2.650 (0.000)	96	9584			5.00- 9.00	7.88
2.501	2.650 (0.000)	173	1396			0.00- 2.00	1.97
2.501	2.650 (0.000)	174	70968			50.00- 100.00	58.38
2.501	2.650 (0.000)	175	5262			5.00- 9.00	7.41
2.501	2.650 (0.000)	176	69144			95.00- 101.00	97.43
2.501	2.650 (0.000)	177	4788			5.00- 9.00	6.92

Data File: a67452.d

Date: 31-AUG-2011 20:22

Client ID: Instrument: VOAMS1.i

Sample Info: BFB Operator: VOAMS 1



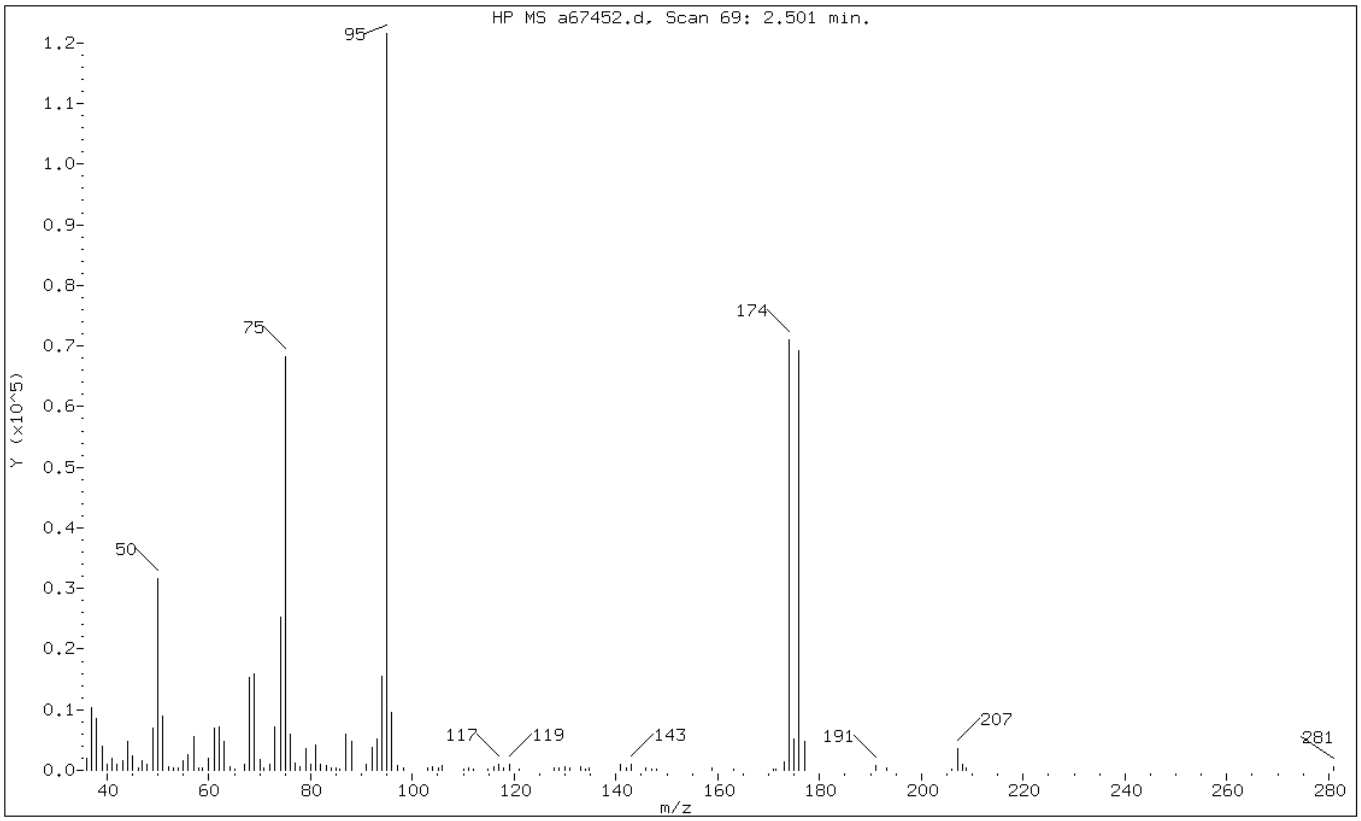
Data File: a67452.d

Date: 31-AUG-2011 20:22

Client ID: Instrument: VOAMS1.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	25.97
75	30.00 - 60.00% of mass 95	56.07
96	5.00 - 9.00% of mass 95	7.88
173	Less than 2.00% of mass 174	1.15 (1.97)
174	50.00 - 100.00% of mass 95	58.38
175	5.00 - 9.00% of mass 174	4.33 (7.41)
176	95.00 - 101.00% of mass 174	56.88 (97.43)
177	5.00 - 9.00% of mass 176	3.94 (6.92)

Data File: a67452.d

Date: 31-AUG-2011 20:22

Client ID: Instrument: VOAMS1.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS1.i/8260_09/08-31-11/31aug11.b/a67452.d
Spectrum: HP MS a67452.d, Scan 69: 2.501 min.
Location of Maximum: 95.00
Number of points: 102

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1897	62.00	7215	90.90	1058	134.10	217
37.00	10318	63.00	4802	92.00	3729	134.80	334
38.00	8584	64.10	500	93.00	5166	140.90	1060
39.00	4023	65.10	214	94.00	15532	142.10	380
40.00	903	67.00	966	95.00	121552	142.90	1073
41.00	2050	68.00	15265	96.00	9584	145.90	366
42.00	1022	69.00	15859	97.00	703	147.10	243
43.10	1500	70.00	1745	98.20	349	147.90	245
44.00	4827	70.90	364	103.00	425	158.90	319
45.00	2389	72.00	1054	103.90	588	163.10	237
46.10	316	73.00	7201	105.10	326	170.90	220
47.00	1639	74.00	25192	105.90	740	171.50	288
47.90	1070	75.00	68160	110.10	272	173.00	1396
49.00	6872	76.00	5910	111.10	460	174.00	70968
50.00	31568	77.00	1143	111.90	220	175.00	5262
51.00	9016	78.00	567	114.90	270	176.00	69144
52.00	606	79.00	3647	115.90	514	177.00	4788
53.00	304	80.00	1063	116.90	951	191.00	723
54.00	469	80.90	4222	117.90	434	193.10	425
55.00	1643	81.90	1079	119.00	1005	205.90	201
56.00	2657	83.10	743	121.00	248	207.10	3500
57.00	5497	84.10	400	127.90	466	208.00	907
57.90	428	84.90	414	128.90	346	208.90	396
58.70	337	85.80	245	129.90	591	281.00	527
60.00	1972	87.00	5974	130.90	359		
61.00	6917	88.00	4828	133.10	614		

Data File: /chem/VOAMS1.i/8260_09/08-31-11/12sep11.b/a67832.d
Report Date: 12-Sep-2011 06:01

TestAmerica

Data file : /chem/VOAMS1.i/8260_09/08-31-11/12sep11.b/a67832.d
Lab Smp Id: BFB
Inj Date : 12-SEP-2011 05:54
Operator : VOAMS 1 Inst ID: VOAMS1.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS1.i/8260_09/08-31-11/12sep11.b/VOABFB.m
Meth Date : 18-Apr-2011 09:51 sylvanus 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

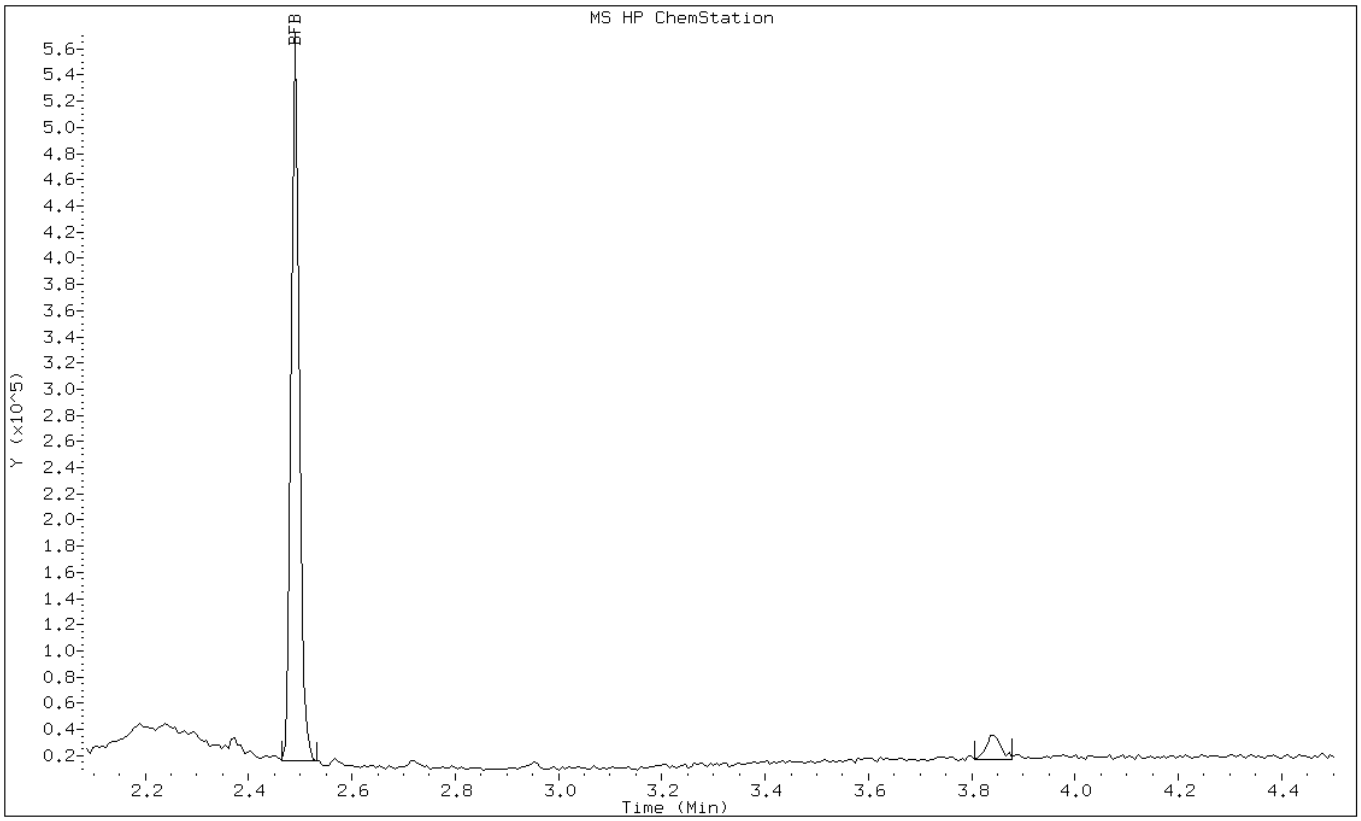
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.489	2.650 (0.000)	95	92976			0.00- 100.00	100.00
2.489	2.650 (0.000)	50	19811			15.00- 40.00	21.31
2.489	2.650 (0.000)	75	46349			30.00- 60.00	49.85
2.489	2.650 (0.000)	96	6315			5.00- 9.00	6.79
2.489	2.650 (0.000)	173	328			0.00- 2.00	0.49
2.489	2.650 (0.000)	174	67213			50.00- 100.00	72.29
2.489	2.650 (0.000)	175	5461			5.00- 9.00	8.12
2.489	2.650 (0.000)	176	64002			95.00- 101.00	95.22
2.489	2.650 (0.000)	177	4298			5.00- 9.00	6.72

Data File: a67832.d

Date: 12-SEP-2011 05:54

Client ID: Instrument: VOAMS1.i

Sample Info: BFB Operator: VOAMS 1



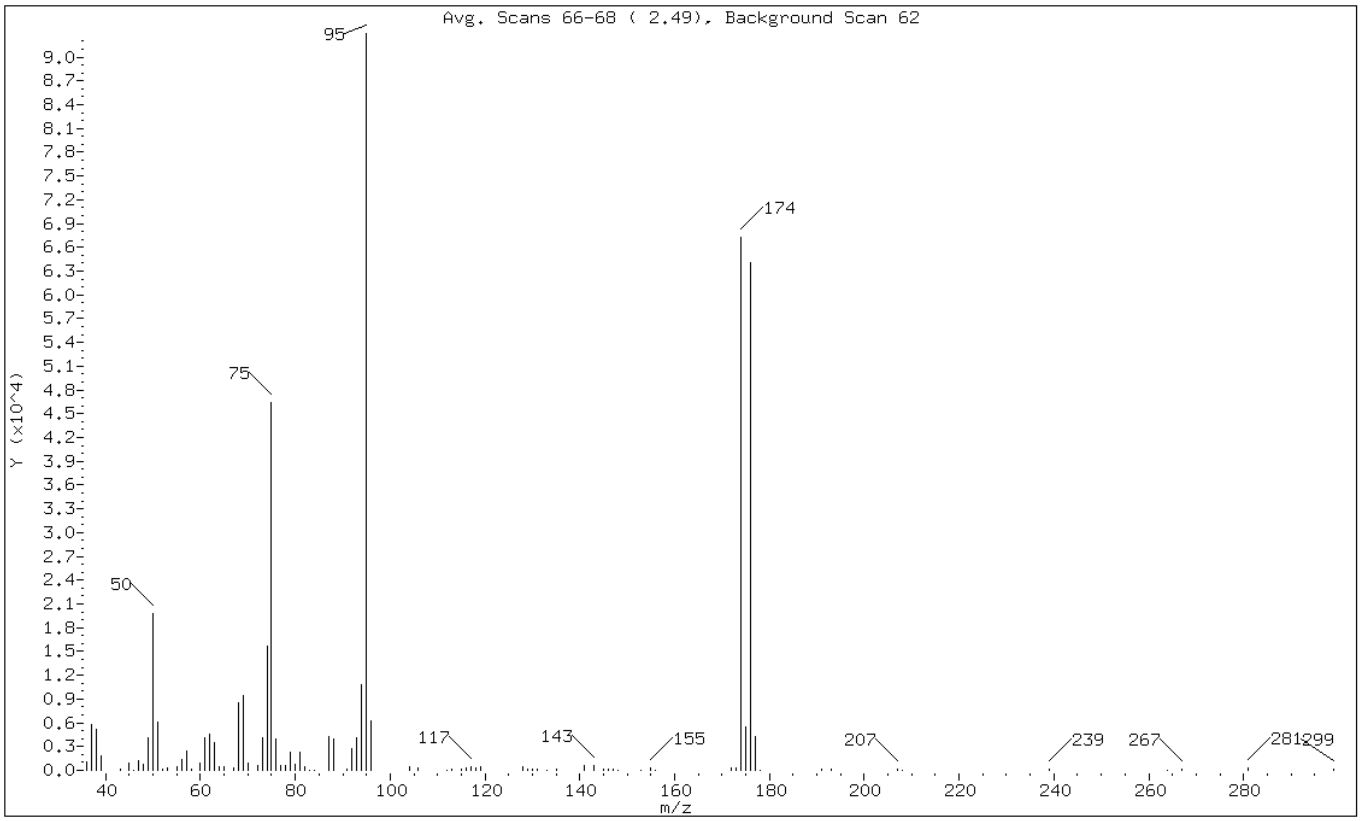
Data File: a67832.d

Date: 12-SEP-2011 05:54

Client ID: Instrument: VOAMS1.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	21.31
75	30.00 - 60.00% of mass 95	49.85
96	5.00 - 9.00% of mass 95	6.79
173	Less than 2.00% of mass 174	0.35 (0.49)
174	50.00 - 100.00% of mass 95	72.29
175	5.00 - 9.00% of mass 174	5.87 (8.12)
176	95.00 - 101.00% of mass 174	68.84 (95.22)
177	5.00 - 9.00% of mass 176	4.62 (6.72)

Data File: a67832.d

Date: 12-SEP-2011 05:54

Client ID: Instrument: VOAMS1.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS1.i/8260_09/08-31-11/12sep11.b/a67832.d
Spectrum: Avg. Scans 66-68 (2.49), Background Scan 62
Location of Maximum: 95.00
Number of points: 89

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1048	65.00	411	94.00	10816	148.00	72
37.00	5824	67.00	341	95.00	92976	153.00	75
38.00	5119	68.00	8557	96.00	6315	155.00	245
39.00	1824	69.00	9481	104.00	405	156.00	73
43.00	94	70.00	982	106.00	313	172.00	292
45.00	887	72.00	572	112.00	68	173.00	328
46.00	73	73.00	4150	113.00	104	174.00	67208
47.00	1286	74.00	15744	115.00	83	175.00	5461
48.00	831	75.00	46344	116.00	280	176.00	64000
49.00	4171	76.00	3925	117.00	526	177.00	4298
50.00	19808	77.00	576	118.00	351	178.00	75
51.00	6121	78.00	579	119.00	382	191.00	94
52.00	187	79.00	2293	128.00	462	193.00	78
53.00	288	80.00	806	129.00	183	207.00	195
55.00	391	81.00	2293	130.00	204	208.00	63
56.00	1385	82.00	491	131.00	88	239.00	120
57.00	2387	83.00	67	133.00	38	264.00	74
58.00	164	84.00	76	135.00	212	267.00	88
60.00	955	87.00	4260	141.00	602	281.00	341
61.00	4182	88.00	3996	143.00	653	299.00	80
62.00	4495	91.00	205	145.00	81		
63.00	3454	92.00	2688	146.00	165		
64.00	494	93.00	4177	147.00	91		

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/03sep11.b/d12348.d
Report Date: 03-Sep-2011 02:22

TestAmerica

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/03sep11.b/d12348.d
Lab Smp Id: BFB
Inj Date : 03-SEP-2011 02:30
Operator : VOAMS 1 Inst ID: VOAMS4.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260L_10/09-03-11/03sep11.b/VOABFB.m
Meth Date : 10-Jan-2011 17:29 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

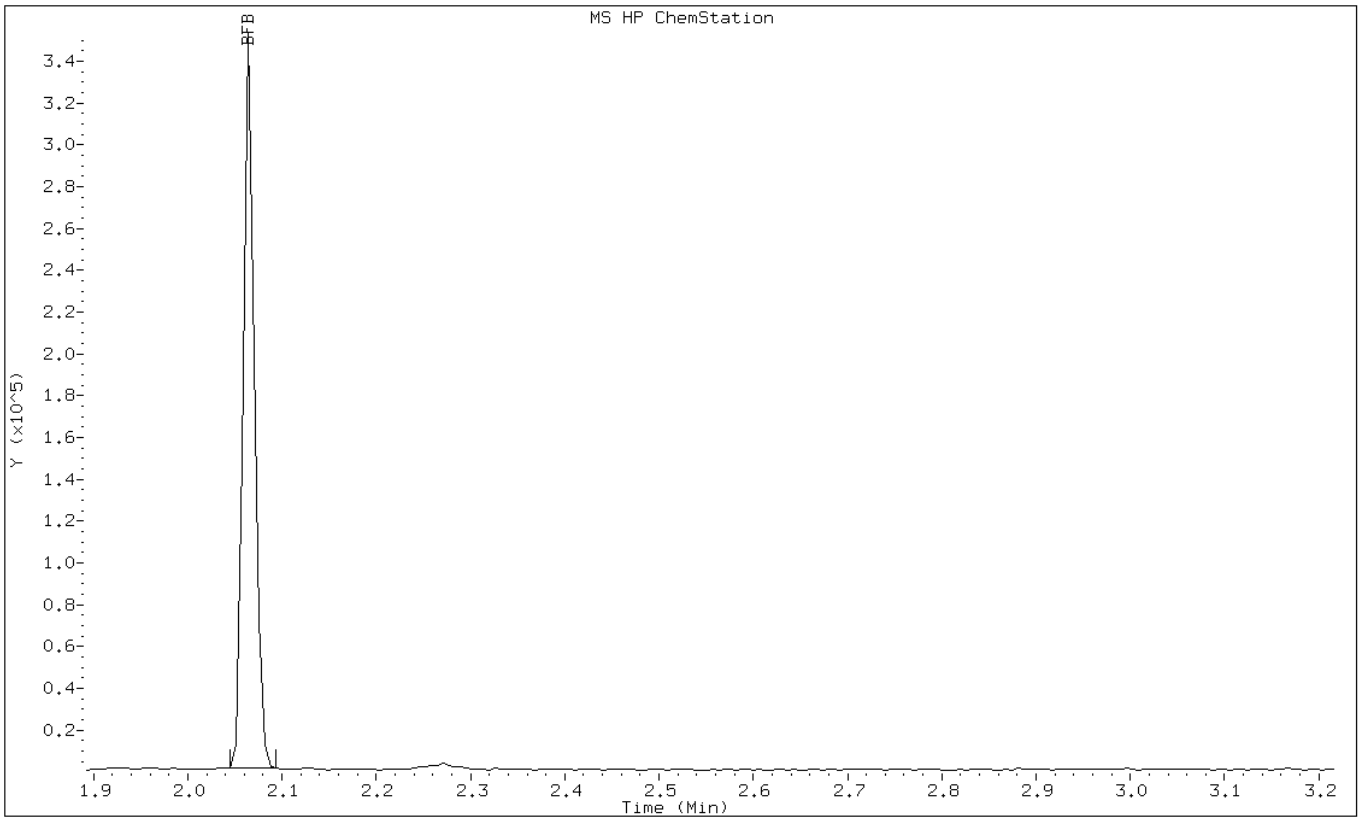
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.063	2.100 (0.000)	95	44864			0.00- 100.00	100.00
2.063	2.100 (0.000)	50	11946			15.00- 40.00	26.63
2.063	2.100 (0.000)	75	26512			30.00- 60.00	59.09
2.063	2.100 (0.000)	96	3171			5.00- 9.00	7.07
2.063	2.100 (0.000)	173	89			0.00- 2.00	0.24
2.063	2.100 (0.000)	174	37220			50.00- 100.00	82.96
2.063	2.100 (0.000)	175	3062			5.00- 9.00	8.23
2.063	2.100 (0.000)	176	36093			95.00- 101.00	96.97
2.063	2.100 (0.000)	177	2384			5.00- 9.00	6.61

Data File: d12348.d

Date: 03-SEP-2011 02:30

Client ID: Instrument: VOAMS4.i

Sample Info: BFB Operator: VOAMS 1



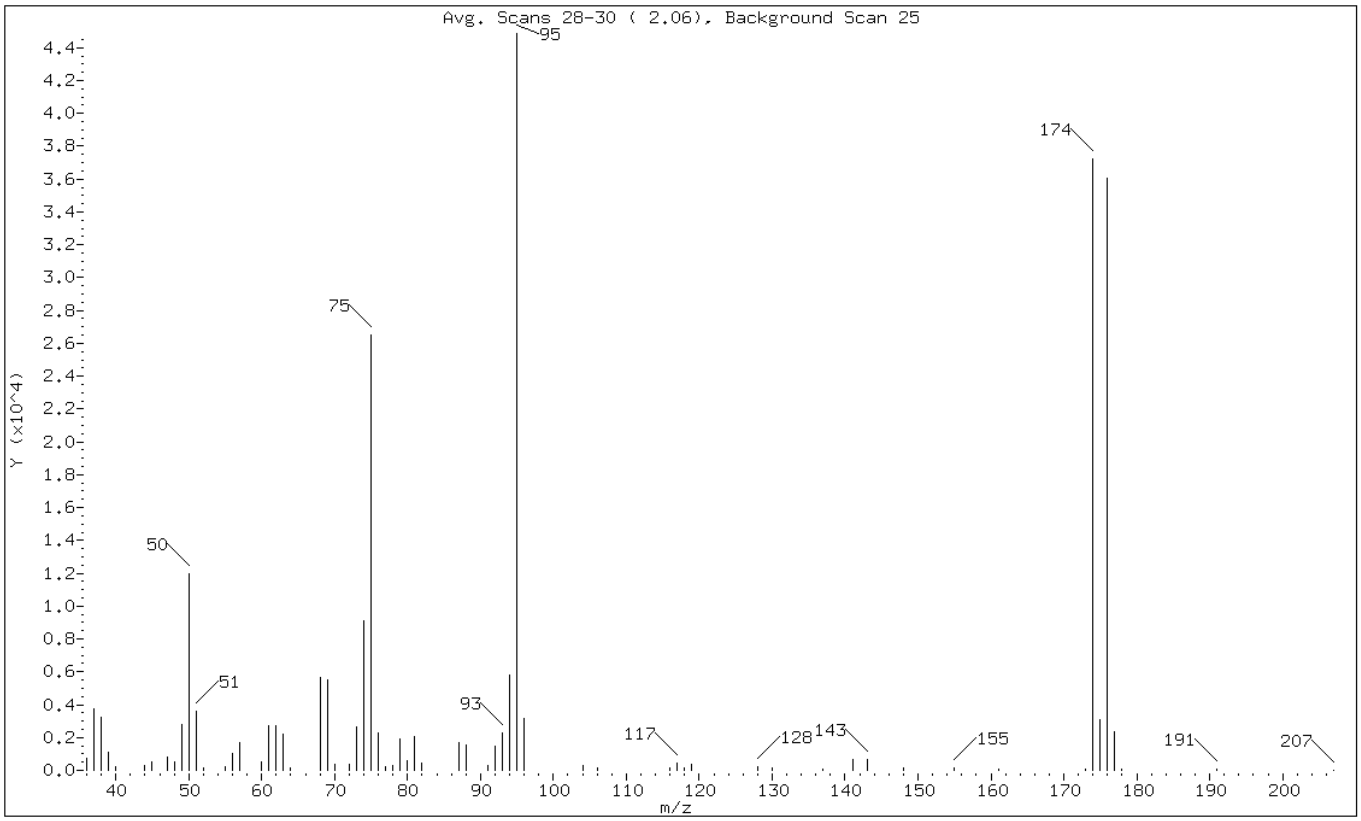
Data File: d12348.d

Date: 03-SEP-2011 02:30

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	26.63
75	30.00 - 60.00% of mass 95	59.09
96	5.00 - 9.00% of mass 95	7.07
173	Less than 2.00% of mass 174	0.20 (0.24)
174	50.00 - 100.00% of mass 95	82.96
175	5.00 - 9.00% of mass 174	6.83 (8.23)
176	95.00 - 101.00% of mass 174	80.45 (96.97)
177	5.00 - 9.00% of mass 176	5.31 (6.61)

Data File: d12348.d

Date: 03-SEP-2011 02:30

Client ID: Instrument: VOAMS4.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/03sep11.b/d12348.d
Spectrum: Avg. Scans 28-30 (2.06), Background Scan 25
Location of Maximum: 95.00
Number of points: 65

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	745	61.00	2688	82.00	439	137.00	62
37.00	3738	62.00	2730	87.00	1669	141.00	637
38.00	3231	63.00	2185	88.00	1573	143.00	666
39.00	1105	64.00	126	91.00	260	148.00	113
40.00	184	68.00	5650	92.00	1483	155.00	156
44.00	299	69.00	5512	93.00	2256	161.00	54
45.00	546	70.00	397	94.00	5825	173.00	89
47.00	836	72.00	397	95.00	44864	174.00	37216
48.00	480	73.00	2680	96.00	3171	175.00	3062
49.00	2762	74.00	9104	104.00	266	176.00	36088
50.00	11946	75.00	26512	106.00	162	177.00	2384
51.00	3584	76.00	2310	116.00	176	178.00	61
52.00	156	77.00	255	117.00	425	191.00	54
55.00	185	78.00	293	118.00	136	207.00	8
56.00	1047	79.00	1933	119.00	363		
57.00	1710	80.00	582	128.00	237		
60.00	527	81.00	2048	130.00	168		

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/d12659.d
Report Date: 14-Sep-2011 03:53

TestAmerica

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/d12659.d
Lab Smp Id: BFB
Inj Date : 14-SEP-2011 04:02
Operator : VOAMS 1 Inst ID: VOAMS4.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/VOABFB.m
Meth Date : 10-Jan-2011 17:29 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		
2.070	2.100 (0.000)	95	27212			0.00- 100.00	100.00
2.070	2.100 (0.000)	50	6925			15.00- 40.00	25.45
2.070	2.100 (0.000)	75	15863			30.00- 60.00	58.29
2.070	2.100 (0.000)	96	1839			5.00- 9.00	6.76
2.070	2.100 (0.000)	173	108			0.00- 2.00	0.43
2.070	2.100 (0.000)	174	24928			50.00- 100.00	91.61
2.070	2.100 (0.000)	175	2082			5.00- 9.00	8.35
2.070	2.100 (0.000)	176	23682			95.00- 101.00	95.00
2.070	2.100 (0.000)	177	1646			5.00- 9.00	6.95

Data File: d12659.d

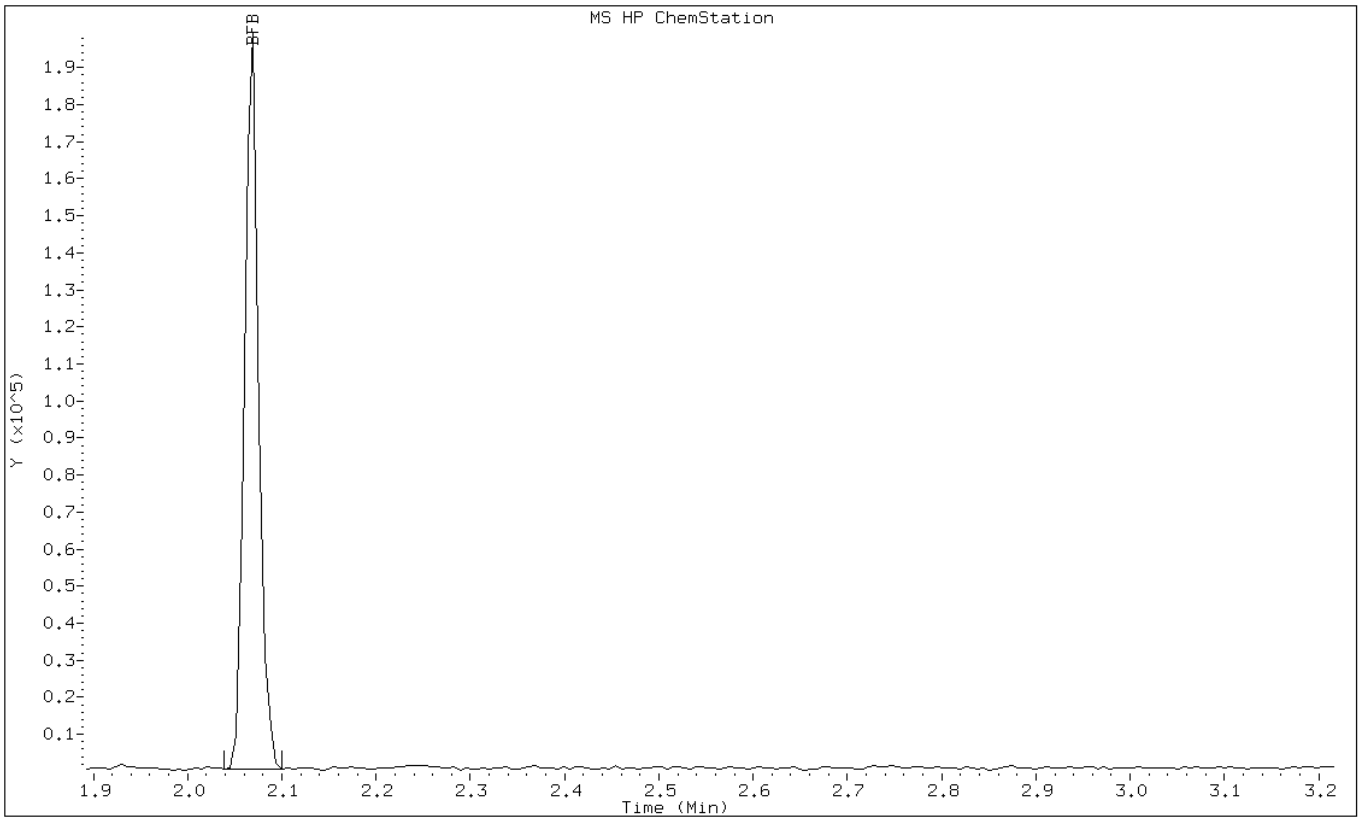
Date: 14-SEP-2011 04:02

Client ID:

Instrument: VOAMS4.i

Sample Info: BFB

Operator: VOAMS 1



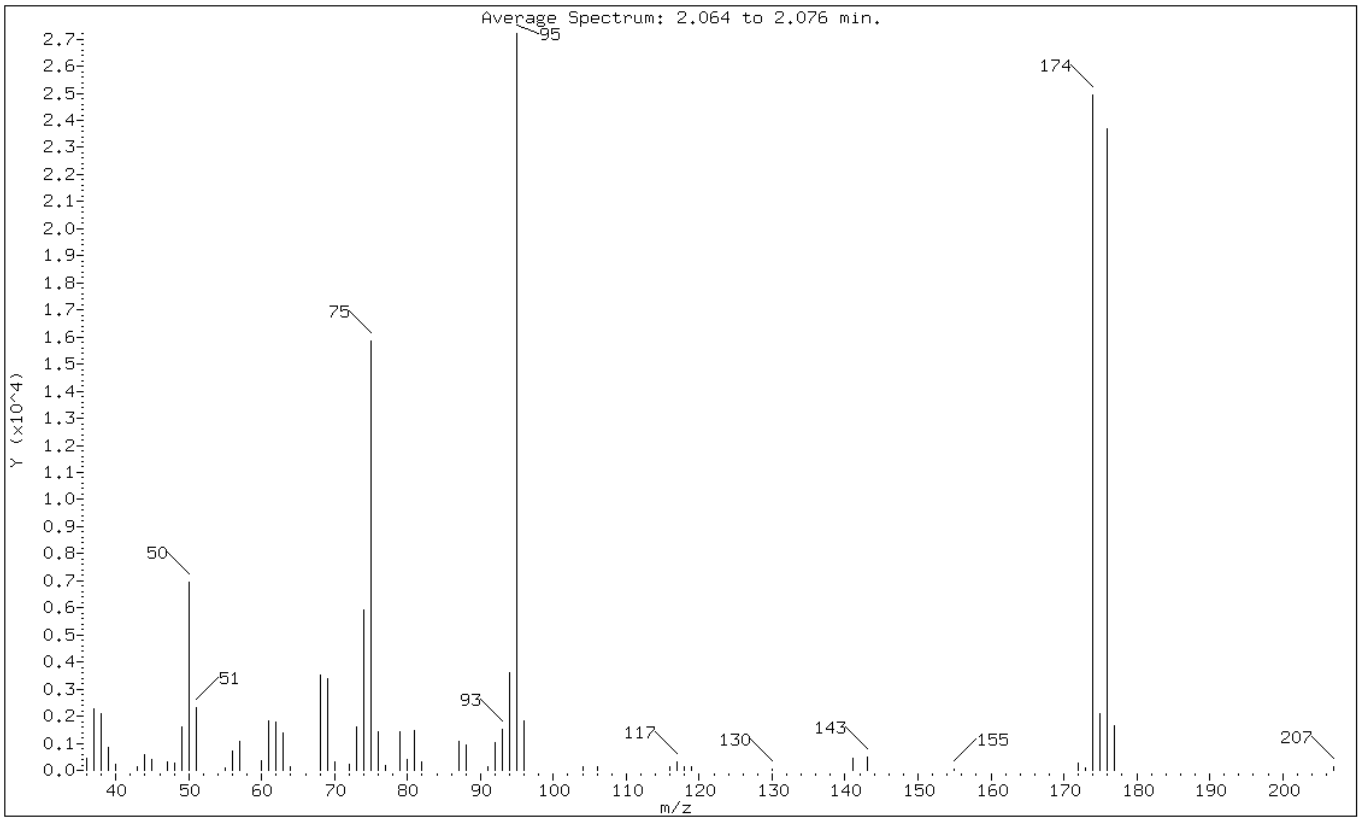
Data File: d12659.d

Date: 14-SEP-2011 04:02

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	25.45
75	30.00 - 60.00% of mass 95	58.29
96	5.00 - 9.00% of mass 95	6.76
173	Less than 2.00% of mass 174	0.40 (0.43)
174	50.00 - 100.00% of mass 95	91.61
175	5.00 - 9.00% of mass 174	7.65 (8.35)
176	95.00 - 101.00% of mass 174	87.03 (95.00)
177	5.00 - 9.00% of mass 176	6.05 (6.95)

Data File: d12659.d

Date: 14-SEP-2011 04:02

Client ID: Instrument: VOAMS4.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/d12659.d
Spectrum: Average Spectrum: 2.064 to 2.076 min.
Location of Maximum: 95.00
Number of points: 59

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	426	57.00	1056	79.00	1404	117.00	333
37.00	2261	60.00	369	80.00	419	118.00	140
38.00	2103	61.00	1830	81.00	1464	119.00	143
39.00	850	62.00	1777	82.00	304	130.00	65
40.00	212	63.00	1366	87.00	1080	141.00	425
43.00	112	64.00	117	88.00	914	143.00	472
44.00	559	68.00	3519	91.00	137	155.00	51
45.00	413	69.00	3379	92.00	1011	172.00	265
47.00	323	70.00	320	93.00	1495	173.00	108
48.00	278	72.00	201	94.00	3587	174.00	24928
49.00	1604	73.00	1607	95.00	27208	175.00	2082
50.00	6925	74.00	5911	96.00	1839	176.00	23680
51.00	2301	75.00	15863	104.00	138	177.00	1646
55.00	67	76.00	1419	106.00	147	207.00	137
56.00	701	77.00	186	116.00	125		

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/d12735.d
Report Date: 15-Sep-2011 17:54

TestAmerica

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/d12735.d
Lab Smp Id: BFB
Inj Date : 15-SEP-2011 17:45
Operator : VOAMS 1 Inst ID: VOAMS4.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/VOABFB.m
Meth Date : 10-Jan-2011 17:29 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		
2.070	2.100 (0.000)	95	66165			0.00- 100.00	100.00
2.070	2.100 (0.000)	50	16952			15.00- 40.00	25.62
2.070	2.100 (0.000)	75	37688			30.00- 60.00	56.96
2.070	2.100 (0.000)	96	4626			5.00- 9.00	6.99
2.070	2.100 (0.000)	173	314			0.00- 2.00	0.55
2.070	2.100 (0.000)	174	56802			50.00- 100.00	85.85
2.070	2.100 (0.000)	175	4230			5.00- 9.00	7.45
2.070	2.100 (0.000)	176	54312			95.00- 101.00	95.62
2.070	2.100 (0.000)	177	3621			5.00- 9.00	6.67

Data File: d12735.d

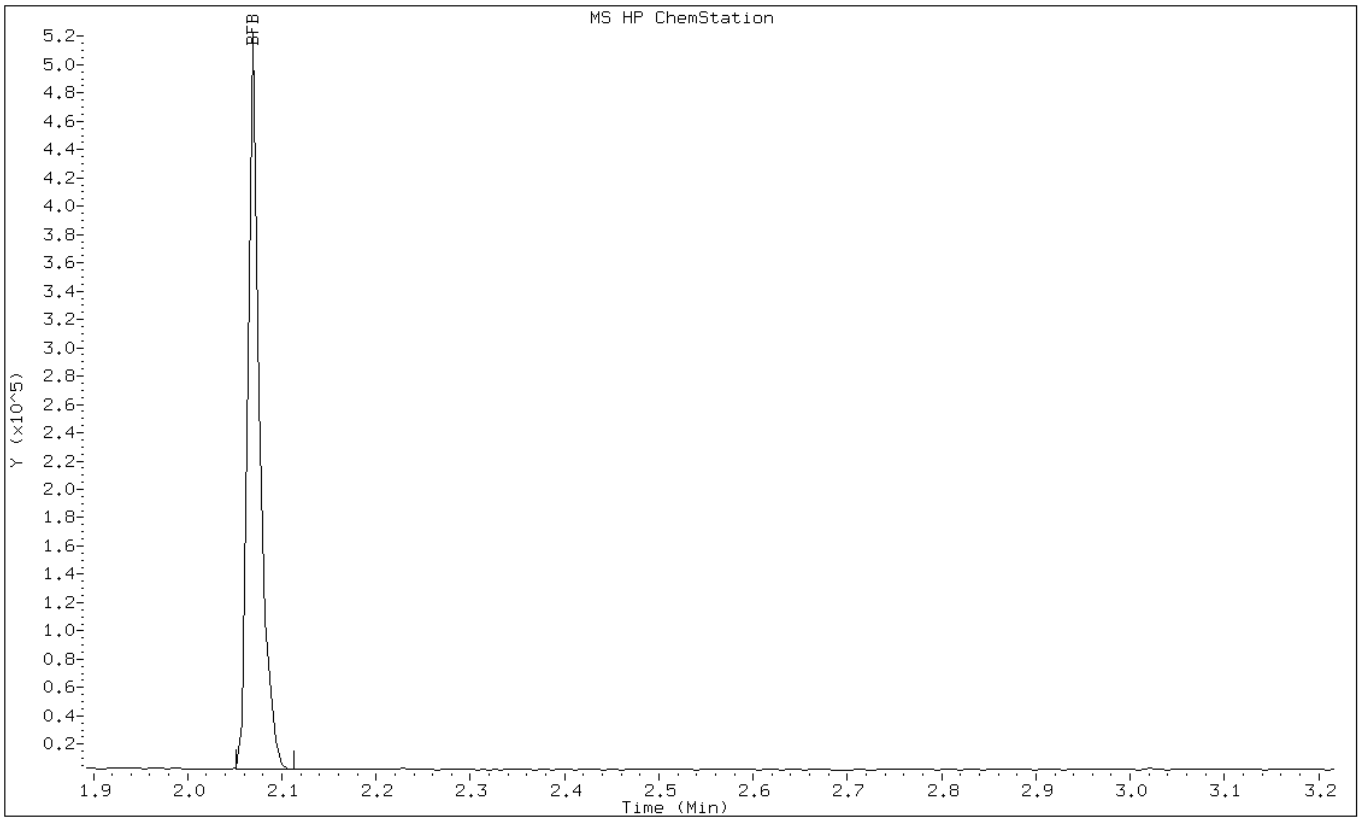
Date: 15-SEP-2011 17:45

Client ID:

Instrument: VOAMS4.i

Sample Info: BFB

Operator: VOAMS 1



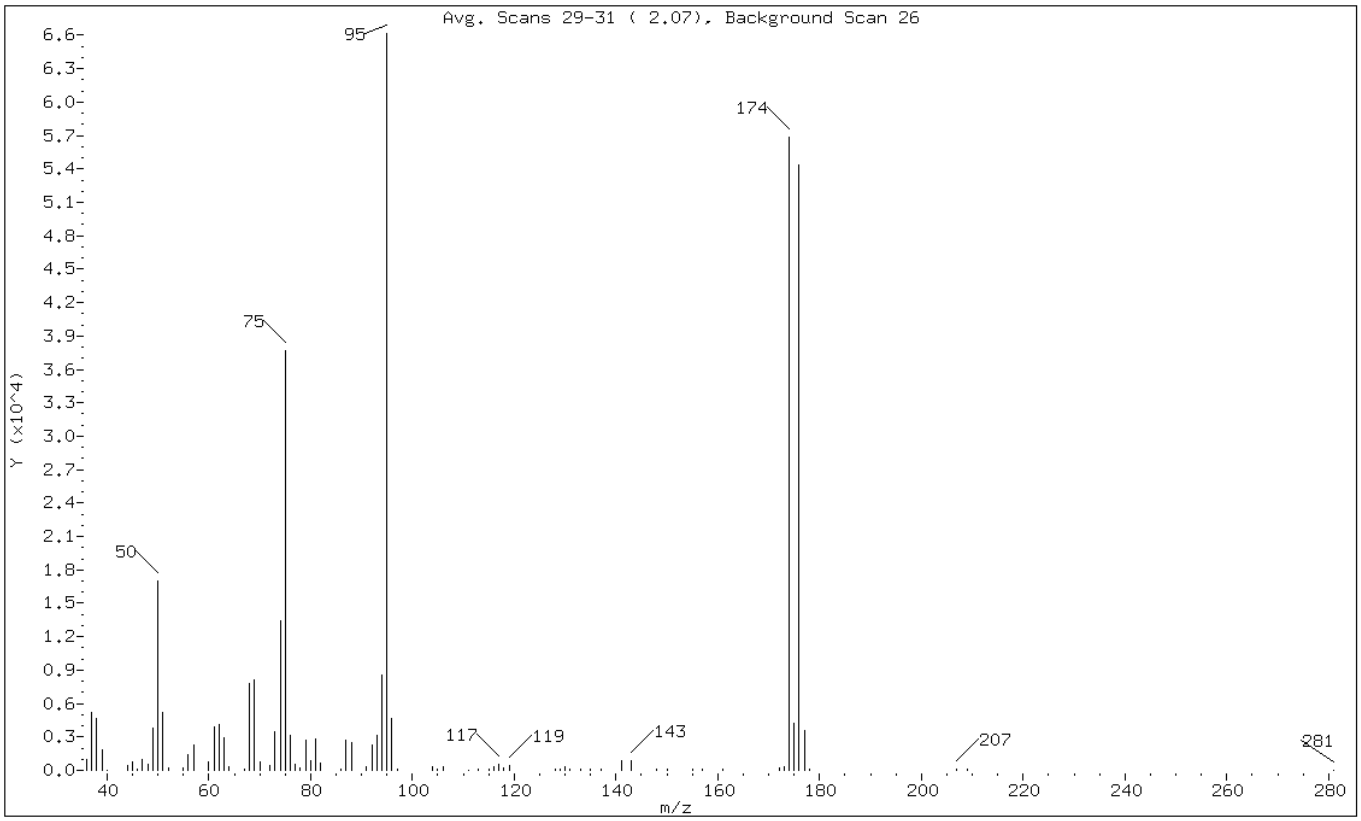
Data File: d12735.d

Date: 15-SEP-2011 17:45

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	25.62
75	30.00 - 60.00% of mass 95	56.96
96	5.00 - 9.00% of mass 95	6.99
173	Less than 2.00% of mass 174	0.47 (0.55)
174	50.00 - 100.00% of mass 95	85.85
175	5.00 - 9.00% of mass 174	6.39 (7.45)
176	95.00 - 101.00% of mass 174	82.09 (95.62)
177	5.00 - 9.00% of mass 176	5.47 (6.67)

Data File: d12735.d

Date: 15-SEP-2011 17:45

Client ID: Instrument: VOAMS4.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/d12735.d
Spectrum: Avg. Scans 29-31 (2.07), Background Scan 26
Location of Maximum: 95.00
Number of points: 81

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1023	64.00	326	93.00	3103	137.00	81
37.00	5214	67.00	96	94.00	8541	141.00	819
38.00	4618	68.00	7768	95.00	66160	143.00	867
39.00	1861	69.00	8123	96.00	4626	148.00	89
40.00	1	70.00	726	97.00	104	150.00	70
44.00	385	72.00	463	104.00	359	155.00	148
45.00	764	73.00	3448	105.00	60	157.00	64
46.00	58	74.00	13417	106.00	365	161.00	57
47.00	1008	75.00	37688	111.00	50	172.00	172
48.00	530	76.00	3142	113.00	57	173.00	314
49.00	3813	77.00	497	115.00	62	174.00	56800
50.00	16952	78.00	248	116.00	338	175.00	4230
51.00	5168	79.00	2726	117.00	508	176.00	54312
52.00	215	80.00	825	118.00	236	177.00	3621
55.00	263	81.00	2786	119.00	473	178.00	125
56.00	1443	82.00	610	128.00	132	207.00	96
57.00	2266	86.00	55	129.00	62	209.00	55
60.00	763	87.00	2750	130.00	323	281.00	42
61.00	3859	88.00	2483	131.00	55		
62.00	4077	91.00	342	133.00	75		
63.00	2952	92.00	2252	135.00	80		

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/16sep11.b/d12761.d
Report Date: 16-Sep-2011 04:57

TestAmerica

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/16sep11.b/d12761.d
Lab Smp Id: BFB
Inj Date : 16-SEP-2011 05:07
Operator : VOAMS 1 Inst ID: VOAMS4.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260L_10/09-03-11/16sep11.b/VOABFB.m
Meth Date : 10-Jan-2011 17:29 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		
2.064	2.100 (0.000)	95	38328			0.00- 100.00	100.00
2.064	2.100 (0.000)	50	10121			15.00- 40.00	26.41
2.064	2.100 (0.000)	75	22072			30.00- 60.00	57.59
2.064	2.100 (0.000)	96	2740			5.00- 9.00	7.15
2.064	2.100 (0.000)	173	0			0.00- 2.00	0.00
2.064	2.100 (0.000)	174	34128			50.00- 100.00	89.04
2.064	2.100 (0.000)	175	2973			5.00- 9.00	8.71
2.064	2.100 (0.000)	176	33120			95.00- 101.00	97.05
2.064	2.100 (0.000)	177	2315			5.00- 9.00	6.99

Data File: d12761.d

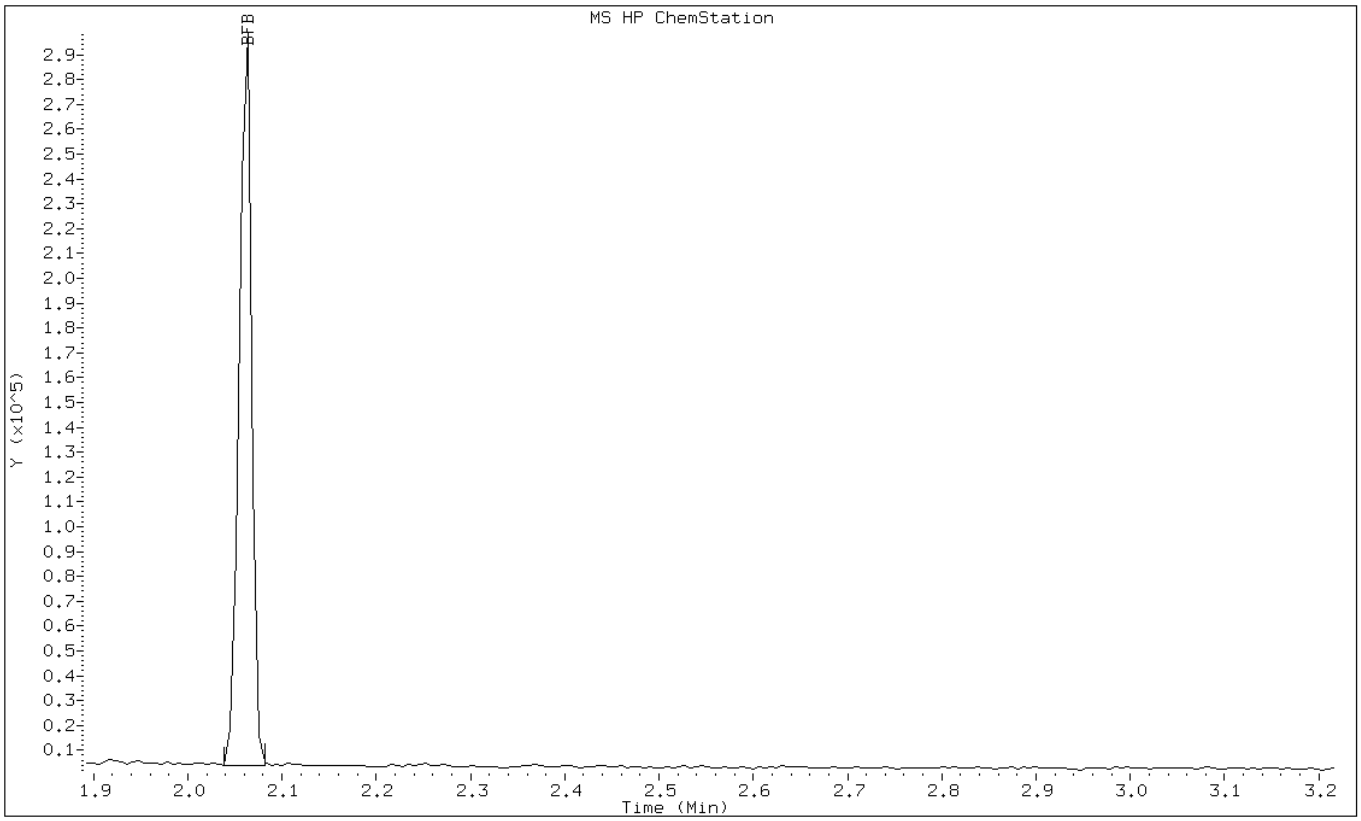
Date: 16-SEP-2011 05:07

Client ID:

Instrument: VOAMS4.i

Sample Info: BFB

Operator: VOAMS 1



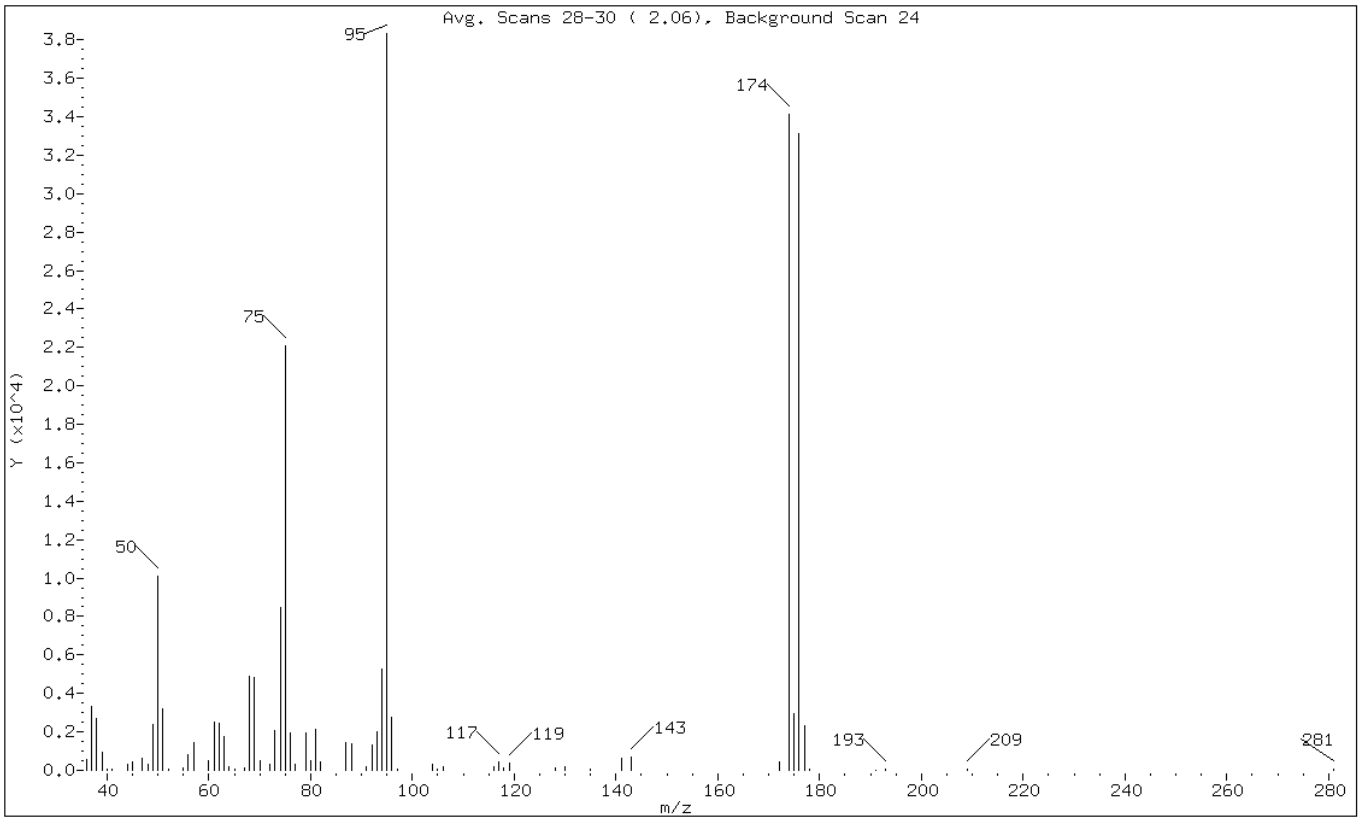
Data File: d12761.d

Date: 16-SEP-2011 05:07

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	26.41
75	30.00 - 60.00% of mass 95	57.59
96	5.00 - 9.00% of mass 95	7.15
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	89.04
175	5.00 - 9.00% of mass 174	7.76 (8.71)
176	95.00 - 101.00% of mass 174	86.41 (97.05)
177	5.00 - 9.00% of mass 176	6.04 (6.99)

Data File: d12761.d

Date: 16-SEP-2011 05:07

Client ID: Instrument: VOAMS4.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/16sep11.b/d12761.d
Spectrum: Avg. Scans 28-30 (2.06), Background Scan 24
Location of Maximum: 95.00
Number of points: 68

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	573	61.00	2522	82.00	453	130.00	210
37.00	3345	62.00	2464	87.00	1422	135.00	73
38.00	2679	63.00	1757	88.00	1357	141.00	635
39.00	959	64.00	179	91.00	201	143.00	659
40.00	78	65.00	65	92.00	1324	172.00	412
41.00	51	67.00	133	93.00	2019	174.00	34128
44.00	309	68.00	4873	94.00	5298	175.00	2973
45.00	460	69.00	4802	95.00	38328	176.00	33120
47.00	636	70.00	500	96.00	2740	177.00	2315
48.00	308	72.00	308	97.00	60	178.00	56
49.00	2388	73.00	2055	104.00	288	191.00	21
50.00	10121	74.00	8467	105.00	50	193.00	54
51.00	3174	75.00	22072	106.00	211	209.00	53
52.00	58	76.00	1915	116.00	213	281.00	35
55.00	126	77.00	296	117.00	424		
56.00	838	79.00	1916	118.00	154		
57.00	1416	80.00	522	119.00	364		
60.00	481	81.00	2123	128.00	126		

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/21sep11.b/d12877.d
Report Date: 21-Sep-2011 04:02

TestAmerica

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/21sep11.b/d12877.d
Lab Smp Id: BFB
Inj Date : 21-SEP-2011 04:06
Operator : VOAMS 1 Inst ID: VOAMS4.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260L_10/09-03-11/21sep11.b/VOABFB.m
Meth Date : 10-Jan-2011 17:29 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

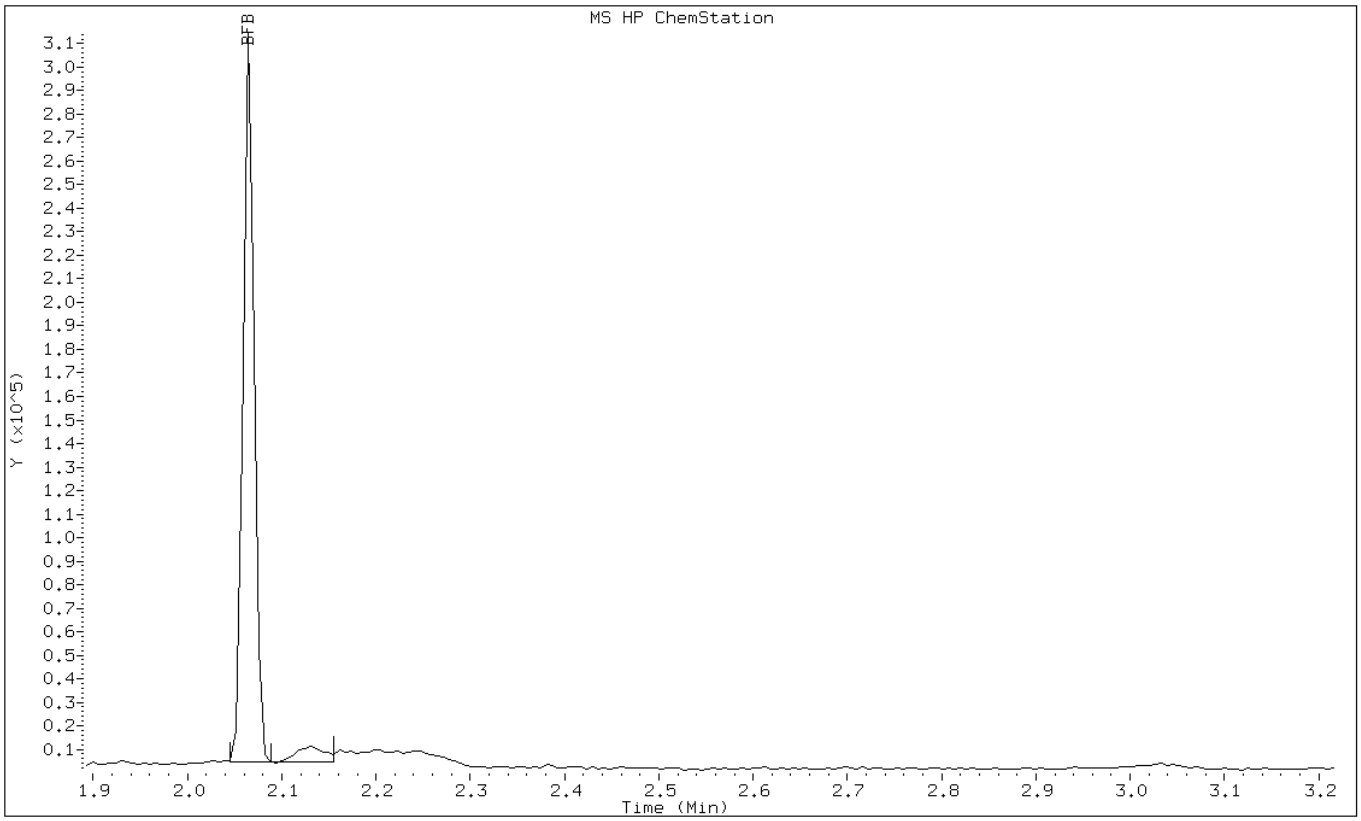
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.064	2.100 (0.000)	95	38760			0.00- 100.00	100.00
2.064	2.100 (0.000)	50	10708			15.00- 40.00	27.63
2.064	2.100 (0.000)	75	22736			30.00- 60.00	58.66
2.064	2.100 (0.000)	96	2353			5.00- 9.00	6.07
2.064	2.100 (0.000)	173	110			0.00- 2.00	0.33
2.064	2.100 (0.000)	174	33736			50.00- 100.00	87.04
2.064	2.100 (0.000)	175	2454			5.00- 9.00	7.27
2.064	2.100 (0.000)	176	32272			95.00- 101.00	95.66
2.064	2.100 (0.000)	177	2147			5.00- 9.00	6.65

Data File: d12877.d

Date: 21-SEP-2011 04:06

Client ID: Instrument: VOAMS4.i

Sample Info: BFB Operator: VOAMS 1



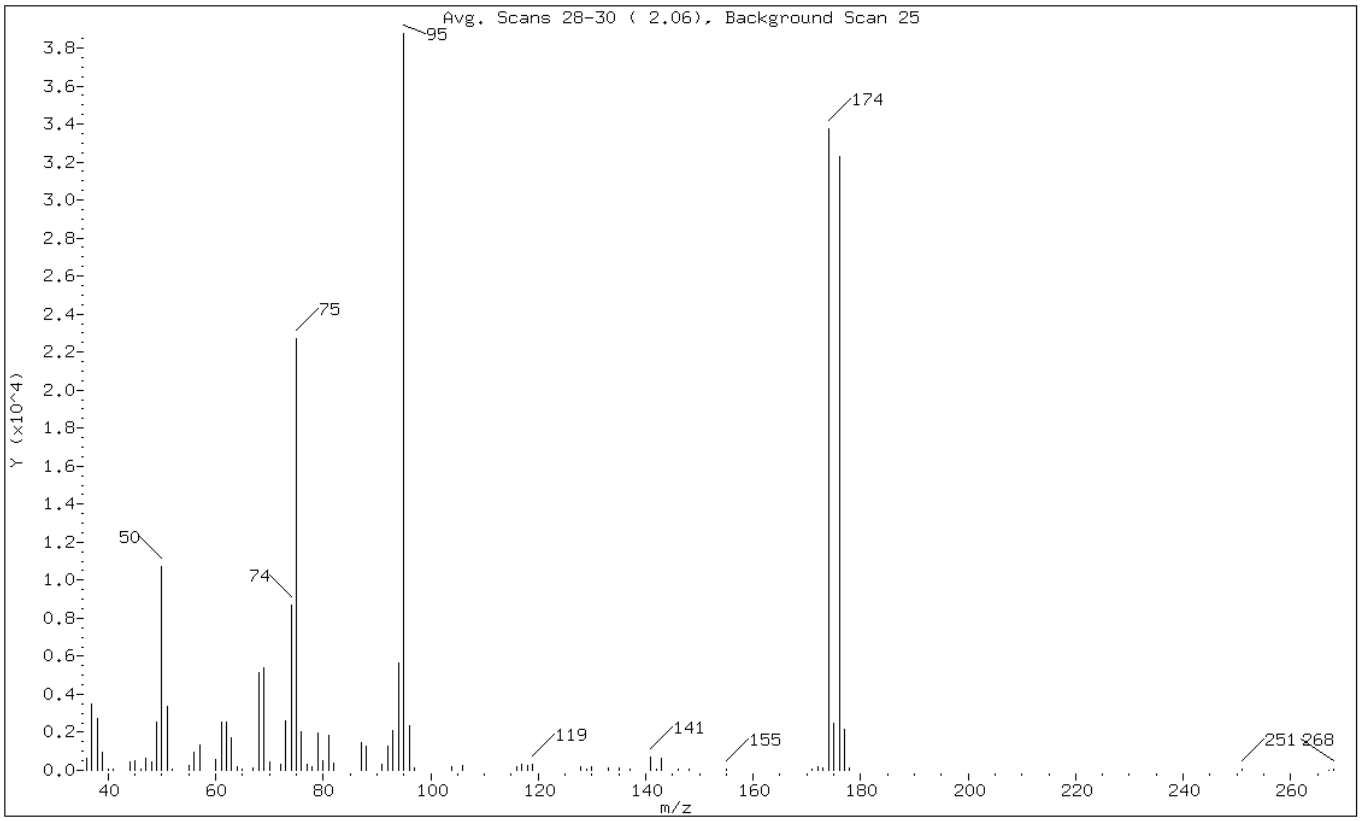
Data File: d12877.d

Date: 21-SEP-2011 04:06

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	27.63
75	30.00 - 60.00% of mass 95	58.66
96	5.00 - 9.00% of mass 95	6.07
173	Less than 2.00% of mass 174	0.28 (0.33)
174	50.00 - 100.00% of mass 95	87.04
175	5.00 - 9.00% of mass 174	6.33 (7.27)
176	95.00 - 101.00% of mass 174	83.26 (95.66)
177	5.00 - 9.00% of mass 176	5.54 (6.65)

Data File: d12877.d

Date: 21-SEP-2011 04:06

Client ID: Instrument: VOAMS4.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/21sep11.b/d12877.d
Spectrum: Avg. Scans 28-30 (2.06), Background Scan 25
Location of Maximum: 95.00
Number of points: 77

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	640	62.00	2523	88.00	1290	141.00	683
37.00	3494	63.00	1730	91.00	288	142.00	71
38.00	2733	64.00	215	92.00	1252	143.00	621
39.00	955	65.00	71	93.00	2106	146.00	52
40.00	89	67.00	118	94.00	5618	148.00	55
41.00	53	68.00	5129	95.00	38760	155.00	68
44.00	420	69.00	5366	96.00	2353	171.00	50
45.00	517	70.00	431	97.00	129	172.00	188
46.00	50	72.00	337	104.00	218	173.00	110
47.00	636	73.00	2572	106.00	230	174.00	33736
48.00	439	74.00	8698	116.00	159	175.00	2454
49.00	2508	75.00	22736	117.00	293	176.00	32272
50.00	10708	76.00	2030	118.00	241	177.00	2147
51.00	3388	77.00	330	119.00	317	178.00	122
52.00	82	78.00	191	128.00	164	251.00	51
55.00	283	79.00	1991	129.00	54	267.00	9
56.00	953	80.00	525	130.00	172	268.00	59
57.00	1363	81.00	1828	133.00	132		
60.00	578	82.00	400	135.00	121		
61.00	2512	87.00	1430	137.00	52		

TestAmerica

Data file : /chem/VOAMS8.i/8260_09/09-13-11A/13sep11a.b/j03625.d
Lab Smp Id: BFB
Inj Date : 13-SEP-2011 18:49
Operator : VOAMS 1   Inst ID: VOAMS8.i
Smp Info : BFB
Misc Info :
Comment   :
Method   : /chem/VOAMS8.i/8260_09/09-13-11A/13sep11a.b/8260BFB.m
Meth Date : 03-Nov-2009 21:56 sylvanus 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		
6.981	7.025 (0.000)	95	153728			0.00- 100.00	100.00
6.981	7.025 (0.000)	50	28832			15.00- 40.00	18.76
6.981	7.025 (0.000)	75	71952			30.00- 60.00	46.80
6.981	7.025 (0.000)	96	10297			5.00- 9.00	6.70
6.981	7.025 (0.000)	173	0			0.00- 2.00	0.00
6.981	7.025 (0.000)	174	113288			50.00- 100.00	73.69
6.981	7.025 (0.000)	175	8454			5.00- 9.00	7.46
6.981	7.025 (0.000)	176	110088			95.00- 101.00	97.18
6.981	7.025 (0.000)	177	6891			5.00- 9.00	6.26

Data File: j03625.d

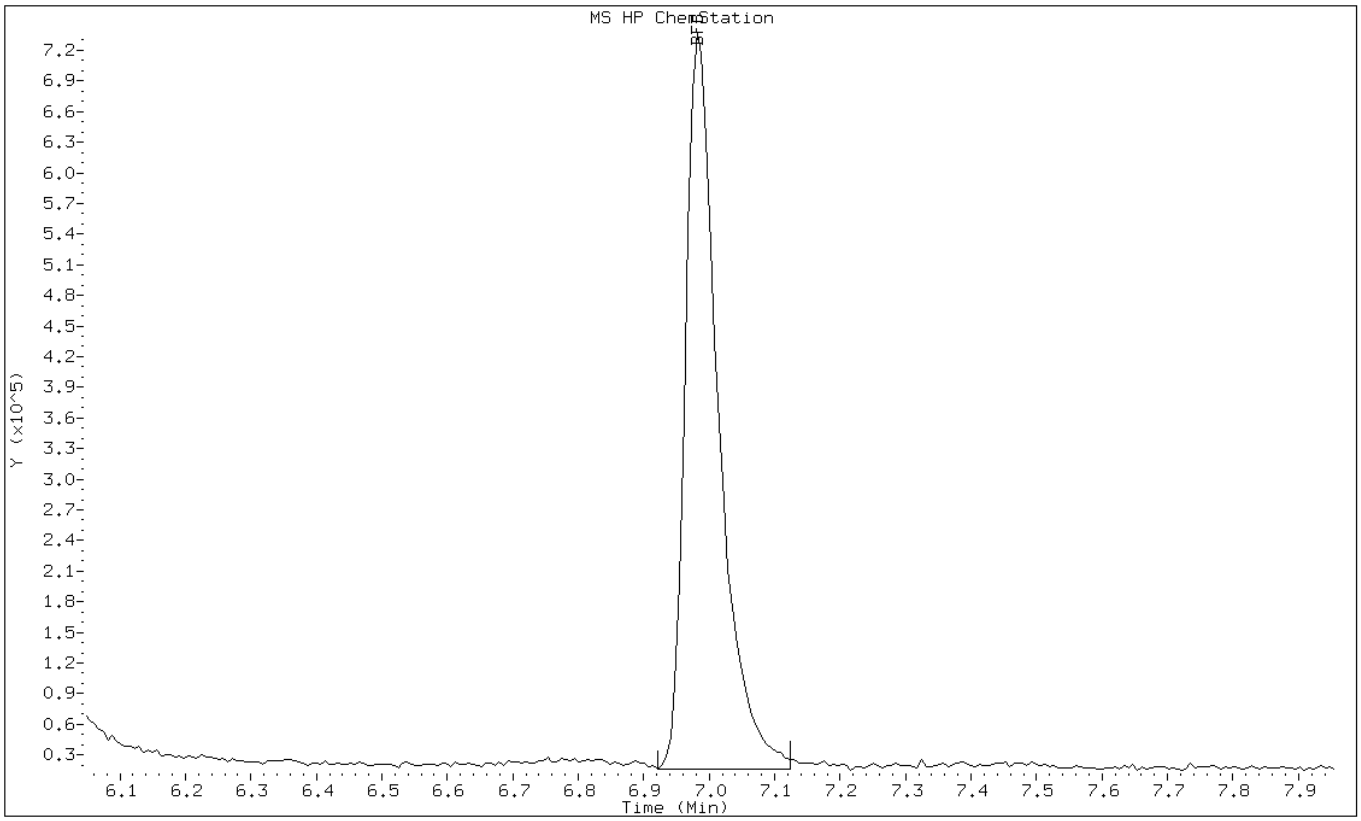
Date: 13-SEP-2011 18:49

Client ID:

Instrument: VOAMS8.i

Sample Info: BFB

Operator: VOAMS 1



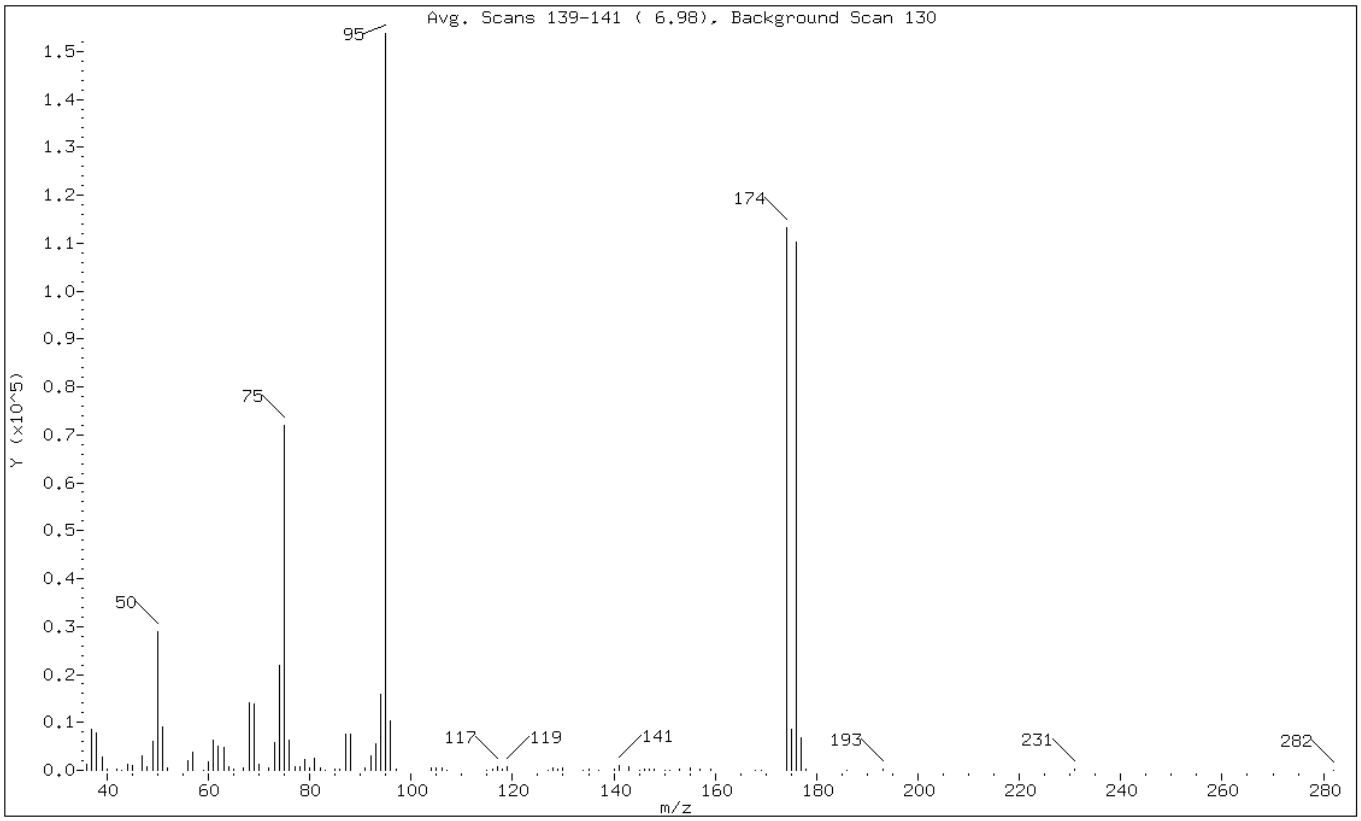
Data File: j03625.d

Date: 13-SEP-2011 18:49

Client ID: Instrument: VOAMS8.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	18.76
75	30.00 - 60.00% of mass 95	46.80
96	5.00 - 9.00% of mass 95	6.70
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	73.69
175	5.00 - 9.00% of mass 174	5.50 (7.46)
176	95.00 - 101.00% of mass 174	71.61 (97.18)
177	5.00 - 9.00% of mass 176	4.48 (6.26)

Data File: j03625.d

Date: 13-SEP-2011 18:49

Client ID:

Instrument: VOAMS8.i

Sample Info: BFB

Operator: VOAMS 1

Data File: /chem/VOAMS8.i/8260_09/09-13-11A/13sep11a.b/j03625.d
Spectrum: Avg. Scans 139-141 (6.98), Background Scan 130
Location of Maximum: 95.00
Number of points: 91

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1346	65.00	134	93.00	5595	143.00	834
37.00	8538	67.00	419	94.00	15780	145.00	81
38.00	7899	68.00	14031	95.00	153728	146.00	278
39.00	2881	69.00	13778	96.00	10297	147.00	142
40.00	325	70.00	1332	97.00	283	148.00	304
42.00	294	72.00	572	104.00	454	150.00	70
43.00	3	73.00	5800	105.00	416	151.00	71
44.00	1301	74.00	21920	106.00	480	153.00	235
45.00	1006	75.00	71952	107.00	108	155.00	400
47.00	2913	76.00	6273	115.00	106	157.00	149
48.00	875	77.00	756	116.00	289	159.00	269
49.00	5979	78.00	694	117.00	630	168.00	76
50.00	28832	79.00	2314	118.00	358	169.00	83
51.00	9068	80.00	567	119.00	669	174.00	113288
52.00	561	81.00	2603	127.00	82	175.00	8454
56.00	2019	82.00	488	128.00	574	176.00	110088
57.00	3802	83.00	88	129.00	156	177.00	6891
59.00	92	85.00	166	130.00	439	178.00	169
60.00	1704	86.00	211	134.00	69	186.00	33
61.00	6262	87.00	7654	135.00	181	193.00	167
62.00	5115	88.00	7599	137.00	102	231.00	164
63.00	4874	91.00	561	140.00	166	282.00	111
64.00	732	92.00	2960	141.00	972		

TestAmerica

Data file : /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03689.d
Lab Smp Id: BFB
Inj Date : 15-SEP-2011 04:12
Operator : VOAMS 1 Inst ID: VOAMS8.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/8260BFB.m
Meth Date : 03-Nov-2009 21:56 sylvanus 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

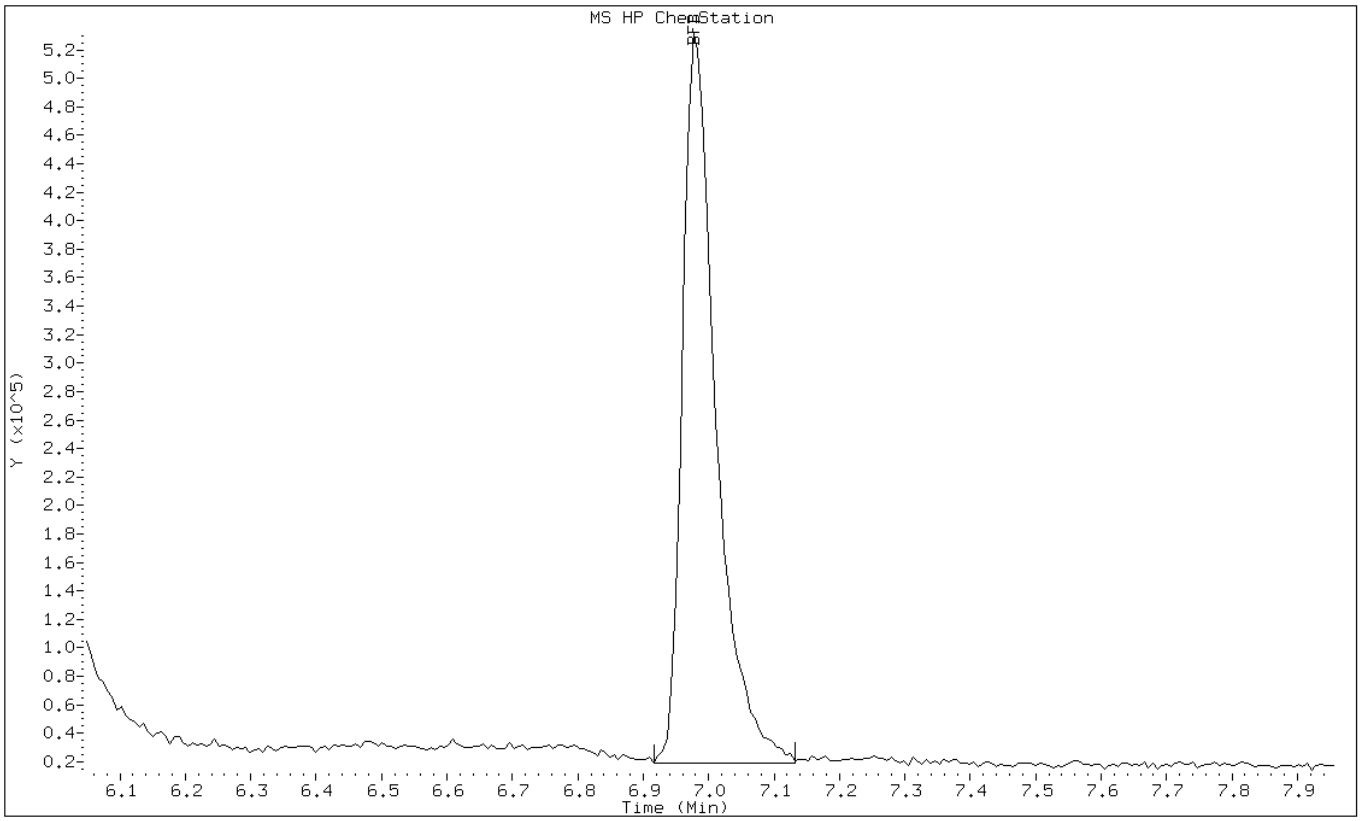
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
6.977	7.025 (0.000)	95	111136			0.00- 100.00	100.00
6.977	7.025 (0.000)	50	22152			15.00- 40.00	19.93
6.977	7.025 (0.000)	75	48984			30.00- 60.00	44.08
6.977	7.025 (0.000)	96	7381			5.00- 9.00	6.64
6.977	7.025 (0.000)	173	0			0.00- 2.00	0.00
6.977	7.025 (0.000)	174	78360			50.00- 100.00	70.51
6.977	7.025 (0.000)	175	5533			5.00- 9.00	7.06
6.977	7.025 (0.000)	176	78712			95.00- 101.00	100.45
6.977	7.025 (0.000)	177	4552			5.00- 9.00	5.78

Data File: j03689.d

Date: 15-SEP-2011 04:12

Client ID: Instrument: VOAMS8.i

Sample Info: BFB Operator: VOAMS 1



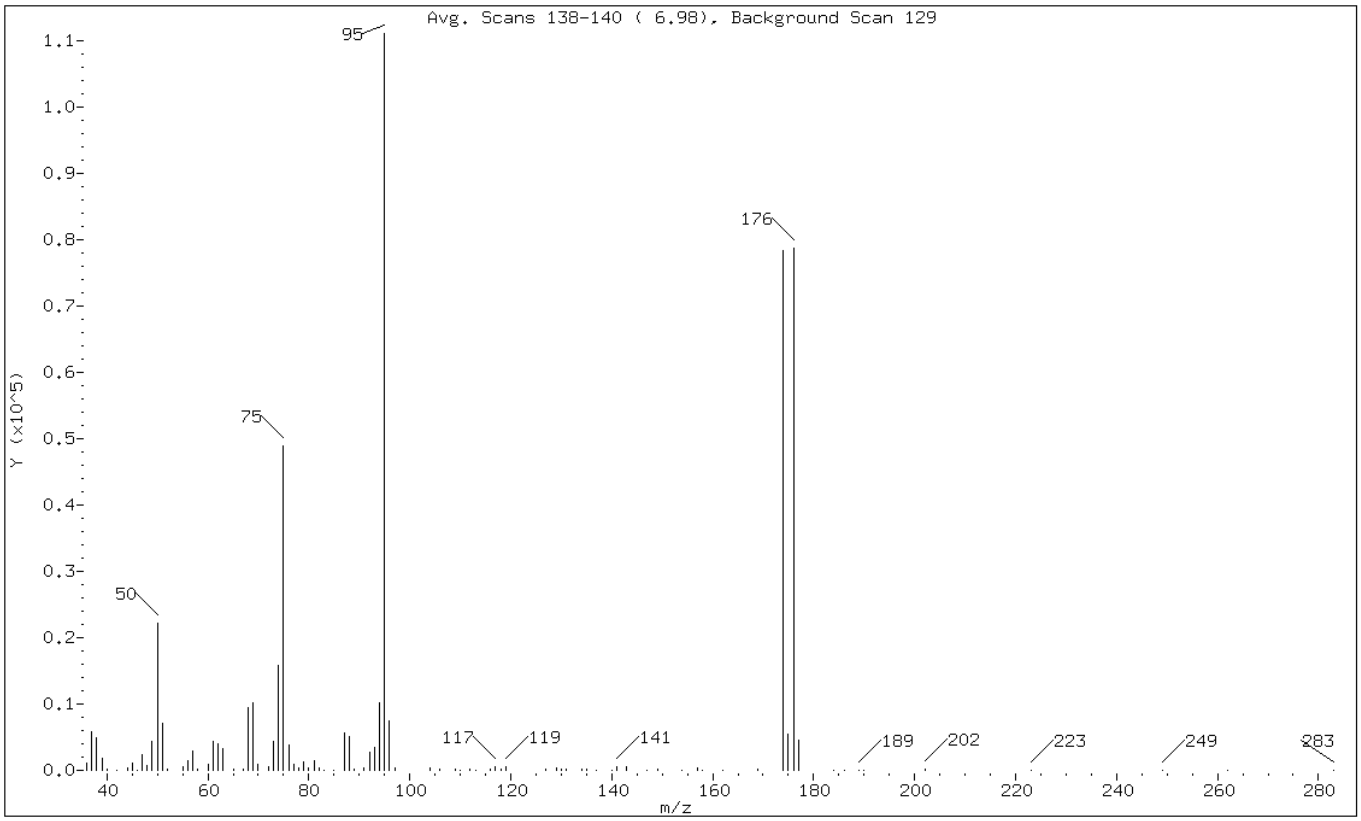
Data File: j03689.d

Date: 15-SEP-2011 04:12

Client ID: Instrument: VOAMS8.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	19.93
75	30.00 - 60.00% of mass 95	44.08
96	5.00 - 9.00% of mass 95	6.64
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	70.51
175	5.00 - 9.00% of mass 174	4.98 (7.06)
176	95.00 - 101.00% of mass 174	70.82 (100.45)
177	5.00 - 9.00% of mass 176	4.10 (5.78)

Data File: j03689.d

Date: 15-SEP-2011 04:12

Client ID: Instrument: VOAMS8.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03689.d
Spectrum: Avg. Scans 138-140 (6.98), Background Scan 129
Location of Maximum: 95.00
Number of points: 91

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1130	65.00	244	93.00	3528	141.00	621
37.00	5813	67.00	109	94.00	10254	143.00	480
38.00	4988	68.00	9523	95.00	111136	147.00	67
39.00	1870	69.00	10108	96.00	7381	149.00	162
40.00	219	70.00	821	97.00	292	154.00	78
42.00	67	72.00	602	104.00	341	157.00	385
44.00	314	73.00	4438	106.00	265	158.00	75
45.00	1060	74.00	15867	109.00	144	162.00	84
46.00	87	75.00	48984	110.00	66	169.00	116
47.00	2290	76.00	3834	112.00	117	174.00	78360
48.00	689	77.00	977	113.00	66	175.00	5533
49.00	4301	78.00	327	116.00	237	176.00	78712
50.00	22152	79.00	1361	117.00	556	177.00	4552
51.00	7039	80.00	418	118.00	185	184.00	76
52.00	105	81.00	1540	119.00	501	186.00	16
55.00	464	82.00	382	127.00	204	189.00	86
56.00	1437	83.00	8	129.00	337	190.00	78
57.00	2859	85.00	67	130.00	116	202.00	135
58.00	229	87.00	5608	131.00	232	223.00	67
60.00	924	88.00	5006	134.00	121	249.00	74
61.00	4356	89.00	117	135.00	262	262.00	73
62.00	3940	91.00	393	137.00	90	283.00	68
63.00	3220	92.00	2744	140.00	83		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-85734/4

Matrix: Water Lab File ID: a67838.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/12/2011 08:28

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 85734 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
67-66-3	Chloroform	1.0	U	1.0	0.15
78-93-3	2-Butanone	10	U	10	0.82
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.13
75-25-2	Bromoform	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.13
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.13
98-82-8	Isopropylbenzene	1.0	U	1.0	0.21
591-78-6	2-Hexanone	10	U	10	0.55
1634-04-4	MTBE	1.0	U	1.0	0.18
76-13-1	Freon TF	1.0	U	1.0	0.28
79-20-9	Methyl acetate	2.0	U	2.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.4
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-88-3	Toluene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
108-10-1	4-Methyl-2-pentanone	10	U	10	0.68
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-85734/4

Matrix: Water | Lab File ID: a67838.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/12/2011 08:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 85734 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.83
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-97-5	Bromochloromethane	1.0	U	1.0	0.17
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	83		70-122
2037-26-5	Toluene-d8 (Surr)	96		69-125
460-00-4	Bromofluorobenzene	92		69-135

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-85734/4

Matrix: Water Lab File ID: a67838.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/12/2011 08:28

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 85734 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/VOAMS1.i/8260_09/08-31-11/12sep11.b/a67838.d
Report Date: 12-Sep-2011 08:43

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS1.i/8260_09/08-31-11/12sep11.b/a67838.d
Lab Smp Id: MB
Inj Date : 12-SEP-2011 08:28
Operator : VOA GC/MS1 Inst ID: VOAMS1.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS1.i/8260_09/08-31-11/12sep11.b/8260_09.m
Meth Date : 12-Sep-2011 07:01 moroneyc Quant Type: ISTD
Cal Date : 31-AUG-2011 22:06 Cal File: a67456.d
Als bottle: 7 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 * 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	4.212	4.212	(0.953)	174059	41.3907	41
* 52 Fluorobenzene	96	4.419	4.419	(1.000)	628562	50.0000	
$ 65 Toluene-d8 (SUR)	98	5.596	5.596	(0.805)	555461	48.0507	48
* 78 Chlorobenzene-d5	117	6.955	6.955	(1.000)	439688	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	7.809	7.809	(0.918)	175102	45.8474	46
* 108 1,4-Dichlorobenzene-d4	152	8.504	8.497	(1.000)	257146	50.0000	

Data File: /chem/VOAMS1.i/8260_09/08-31-11/12sep11.b/a67838.d
Report Date: 12-Sep-2011 08:43

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS1.i/8260_09/08-31-11/12sep11.b/a67838.d
Lab Smp Id: MB
Inj Date : 12-SEP-2011 08:28
Operator : VOA GC/MS1 Inst ID: VOAMS1.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS1.i/8260_09/08-31-11/12sep11.b/8260_09.m
Meth Date : 12-Sep-2011 07:01 moroneyc Quant Type: ISTD
Cal Date : 31-AUG-2011 22:06 Cal File: a67456.d
Als bottle: 7 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

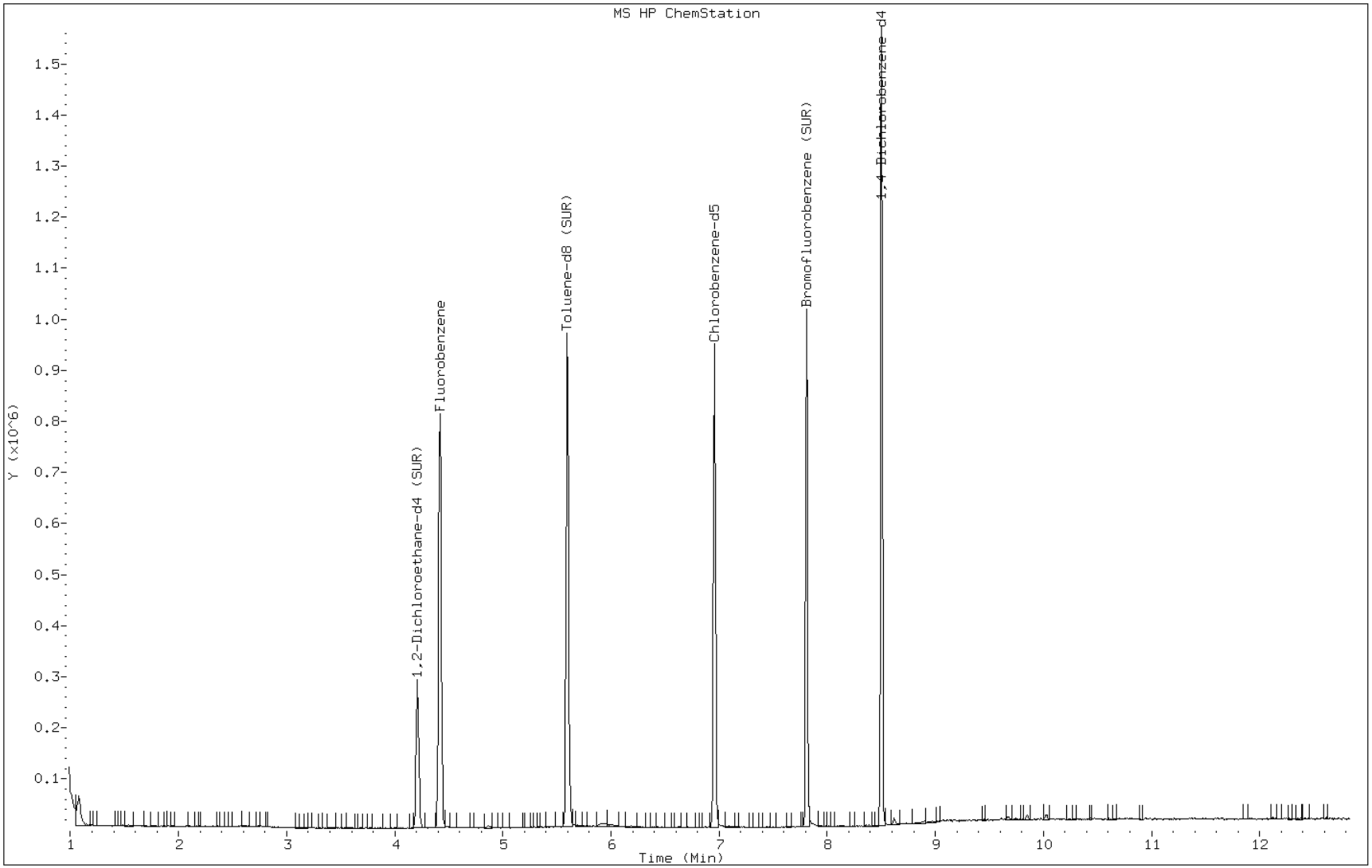
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: a67838.d

Date: 12-SEP-2011 08:28

Client ID: Instrument: VOAMS1.i

Sample Info: MB Operator: VOA GC/MS1



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-86004/5

Matrix: Solid Lab File ID: d12664.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/14/2011 06:51

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 86004 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.63
74-83-9	Bromomethane	1.0	U	1.0	0.41
75-01-4	Vinyl chloride	1.0	U	1.0	0.23
75-00-3	Chloroethane	1.0	U	1.0	0.40
75-09-2	Methylene Chloride	1.0	U	1.0	0.47
67-64-1	Acetone	10	U	10	3.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.47
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.37
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.28
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.24
67-66-3	Chloroform	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.57
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.39
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.19
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.74
75-25-2	Bromoform	1.0	U	1.0	0.70
100-42-5	Styrene	1.0	U	1.0	0.35
100-41-4	Ethylbenzene	1.0	U	1.0	0.19
108-90-7	Chlorobenzene	1.0	U	1.0	0.48
110-82-7	Cyclohexane	1.0	U	1.0	0.22
98-82-8	Isopropylbenzene	1.0	U	1.0	0.26
591-78-6	2-Hexanone	10	U	10	1.7
1634-04-4	MTBE	1.0	U	1.0	0.34
76-13-1	Freon TF	1.0	U	1.0	0.48
79-20-9	Methyl acetate	1.0	U	1.0	0.90
123-91-1	1,4-Dioxane	50	U	50	4.2
79-01-6	Trichloroethene	1.0	U	1.0	0.36
108-88-3	Toluene	1.0	U	1.0	0.30
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
108-10-1	4-Methyl-2-pentanone	10	U	10	0.72
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.20
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.64
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-86004/5

Matrix: Solid Lab File ID: d12664.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/14/2011 06:51

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 86004 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.71
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.54
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.65
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.32
108-87-2	Methylcyclohexane	1.0	U	1.0	0.27
127-18-4	Tetrachloroethene	1.0	U	1.0	0.33
1330-20-7	Xylenes, Total	3.0	U	3.0	0.79
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.61
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.76
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.59
124-48-1	Dibromochloromethane	1.0	U	1.0	0.56
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.52
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.41
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
75-27-4	Bromodichloromethane	1.0	U	1.0	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		70-138
2037-26-5	Toluene-d8 (Surr)	97		66-126
460-00-4	Bromofluorobenzene	92		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-86004/5

Matrix: Solid Lab File ID: d12664.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/14/2011 06:51

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 86004 Units: ug/Kg

Number TICs Found: 1 TIC Result Total: 5.14

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Silanol	3.77	5.14	J

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/d12664.d
Report Date: 14-Sep-2011 13:30

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/d12664.d
Lab Smp Id: MB
Inj Date : 14-SEP-2011 06:51
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/8260L_10.m
Meth Date : 14-Sep-2011 04:31 audberto Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.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)
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.392	4.392	(0.942)	198362	53.5364	54
*	69 Fluorobenzene	96	4.662	4.662	(1.000)	389004	50.0000	
$	37 Toluene-d8 (SUR)	98	6.380	6.386	(0.794)	383145	48.7001	49
*	32 Chlorobenzene-d5	117	8.038	8.038	(1.000)	268706	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.115	9.115	(0.912)	138725	45.7618	46
*	91 1,4-Dichlorobenzene-d4	152	9.991	9.991	(1.000)	149635	50.0000	

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/d12664.d
Report Date: 14-Sep-2011 13:30

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/d12664.d
Lab Smp Id: MB
Inj Date : 14-SEP-2011 06:51
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/8260L_10.m
Meth Date : 14-Sep-2011 04:31 audberto Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.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

ISTD	RT	AREA	AMOUNT
* 69 Fluorobenzene	4.662	976531	50.000

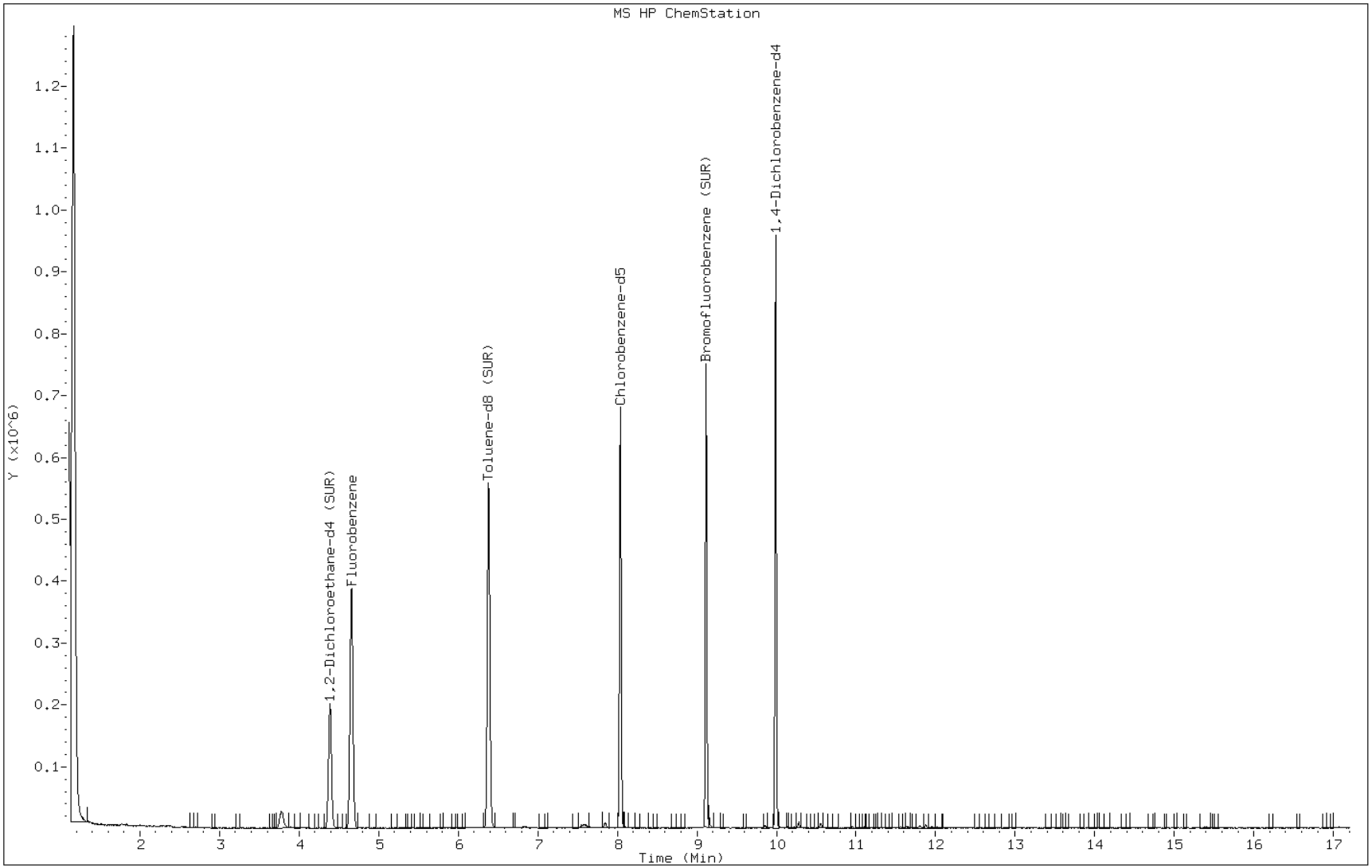
	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Silanol					CAS #:		
3.774	100478	5.14461355	5.1	83	NIST02.l	2204	69

Data File: d12664.d

Date: 14-SEP-2011 06:51

Client ID: Instrument: VOAMS4.i

Sample Info: MB Operator: VOAMS 9



Data File: d12664.d

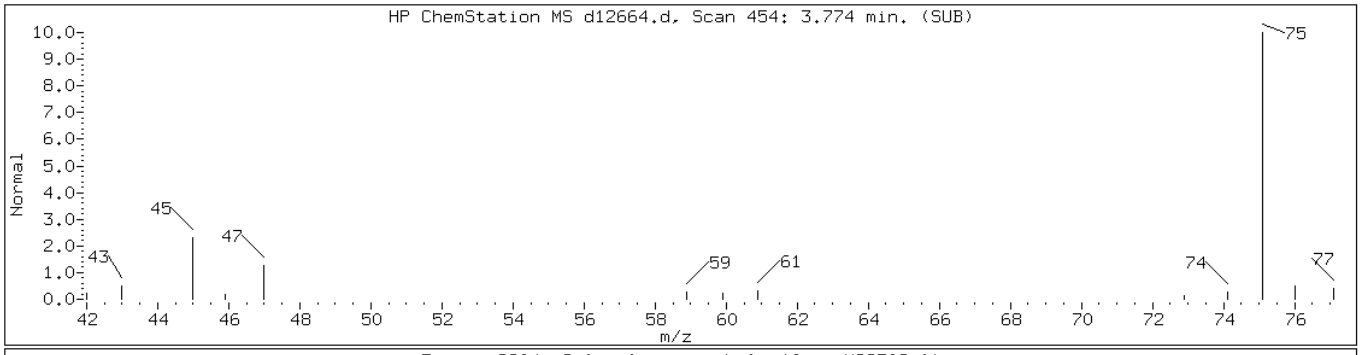
Date: 14-SEP-2011 06:51

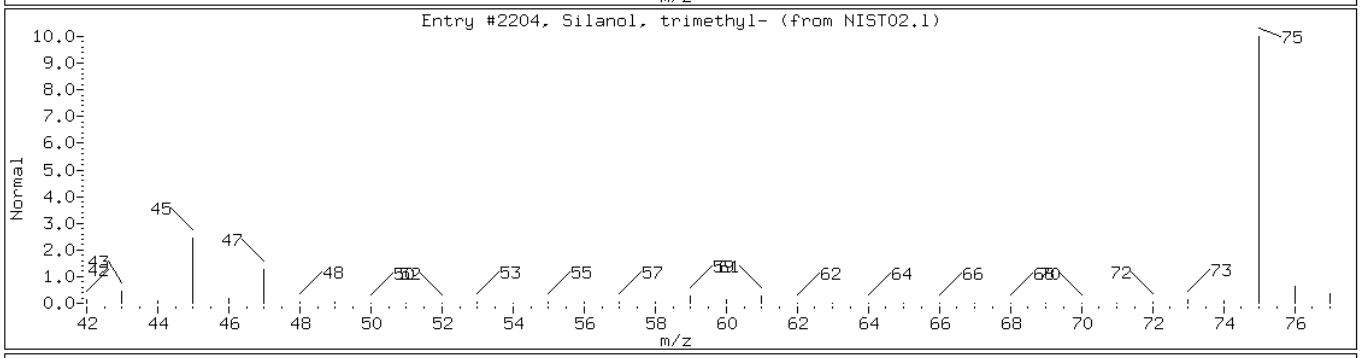
Client ID: Instrument: VOAMS4.i

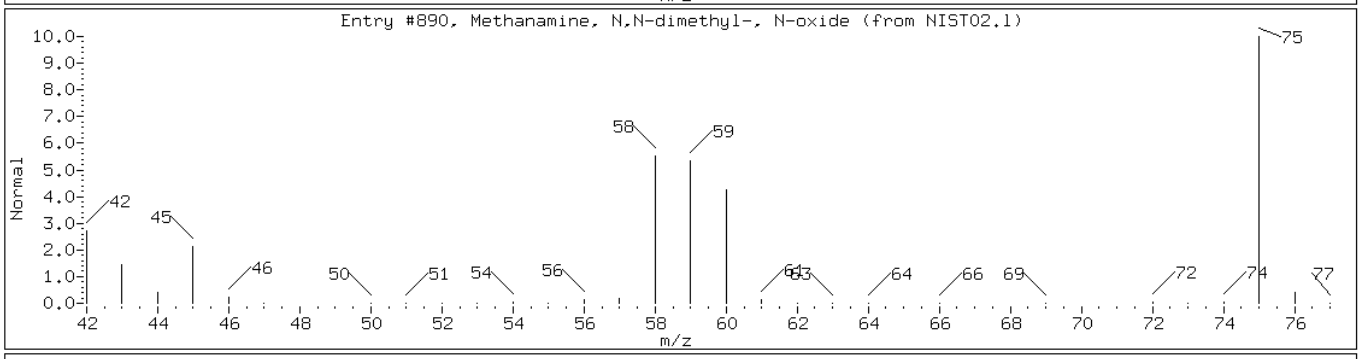
Sample Info: MB Operator: VOAMS 9

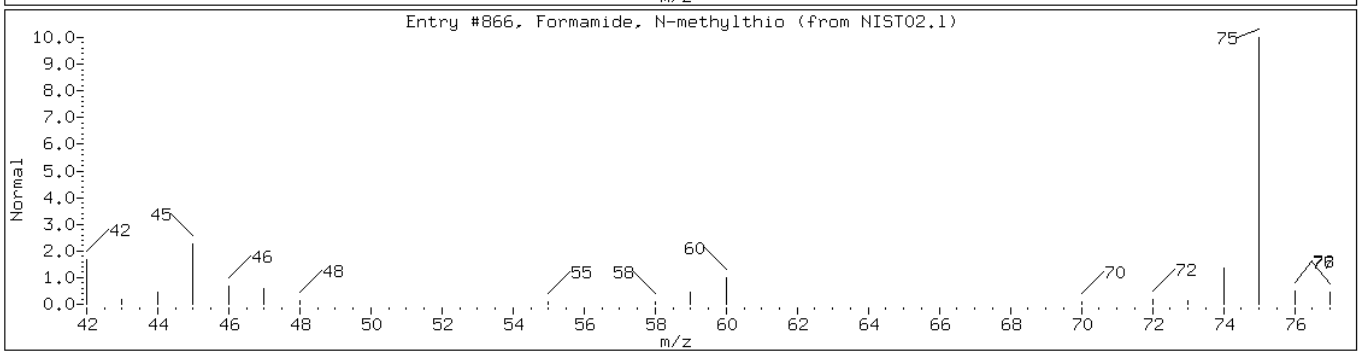
Retention Time: 3.77

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Silanol		NIST02.l	2204	83	C3H10OSi	90
Methanamine, N,N-dimethyl-, N-oxid	1184-78-7	NIST02.l	890	56	C3H9NO	75
Formamide, N-methylthio	18952-41-5	NIST02.l	866	43	C2H5NS	75









FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-86112/4

Matrix: Solid Lab File ID: j03695.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 2.5(mL) Date Analyzed: 09/15/2011 06:47

Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.53(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 86112 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	100	U	100	21
74-83-9	Bromomethane	100	U	100	31
75-01-4	Vinyl chloride	100	U	100	12
75-00-3	Chloroethane	100	U	100	45
75-09-2	Methylene Chloride	100	U	100	19
67-64-1	Acetone	1000	U	1000	250
75-15-0	Carbon disulfide	100	U	100	15
75-69-4	Trichlorofluoromethane	100	U	100	16
75-35-4	1,1-Dichloroethene	100	U	100	14
75-34-3	1,1-Dichloroethane	100	U	100	10
156-60-5	trans-1,2-Dichloroethene	100	U	100	14
156-59-2	cis-1,2-Dichloroethene	100	U	100	19
67-66-3	Chloroform	100	U	100	16
78-93-3	2-Butanone	1000	U	1000	82
107-06-2	1,2-Dichloroethane	100	U	100	25
71-55-6	1,1,1-Trichloroethane	100	U	100	25
56-23-5	Carbon tetrachloride	100	U	100	18
71-43-2	Benzene	100	U	100	12
75-25-2	Bromoform	100	U	100	9.9
100-42-5	Styrene	100	U	100	14
100-41-4	Ethylbenzene	100	U	100	25
108-90-7	Chlorobenzene	100	U	100	17
110-82-7	Cyclohexane	100	U	100	12
98-82-8	Isopropylbenzene	100	U	100	21
591-78-6	2-Hexanone	1000	U	1000	55
1634-04-4	MTBE	100	U	100	19
76-13-1	Freon TF	100	U	100	29
79-20-9	Methyl acetate	200	U	200	33
123-91-1	1,4-Dioxane	5000	U	5000	850
79-01-6	Trichloroethene	100	U	100	18
108-88-3	Toluene	100	U	100	9.5
10061-02-6	trans-1,3-Dichloropropene	100	U	100	12
108-10-1	4-Methyl-2-pentanone	1000	U	1000	68
10061-01-5	cis-1,3-Dichloropropene	100	U	100	10
95-50-1	1,2-Dichlorobenzene	100	U	100	16
541-73-1	1,3-Dichlorobenzene	100	U	100	23

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-86112/4

Matrix: Solid | Lab File ID: j03695.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 2.5(mL) | Date Analyzed: 09/15/2011 06:47

Soil Aliquot Vol: 2.5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 86112 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	100	U	100	15
120-82-1	1,2,4-Trichlorobenzene	100	U	100	44
87-61-6	1,2,3-Trichlorobenzene	100	U	100	83
78-87-5	1,2-Dichloropropane	100	U	100	8.7
108-87-2	Methylcyclohexane	100	U	100	8.0
127-18-4	Tetrachloroethene	100	U	100	20
1330-20-7	Xylenes, Total	300	U	300	43
96-12-8	1,2-Dibromo-3-Chloropropane	100	U	100	15
79-34-5	1,1,2,2-Tetrachloroethane	100	U	100	8.6
79-00-5	1,1,2-Trichloroethane	100	U	100	9.7
124-48-1	Dibromochloromethane	100	U	100	10
106-93-4	1,2-Dibromoethane	100	U	100	9.1
75-71-8	Dichlorodifluoromethane	100	U	100	28
74-97-5	Bromochloromethane	100	U	100	17
75-27-4	Bromodichloromethane	100	U	100	9.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		57-135
2037-26-5	Toluene-d8 (Surr)	96		46-130
460-00-4	Bromofluorobenzene	101		50-124

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-86112/4

Matrix: Solid Lab File ID: j03695.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 2.5(mL) Date Analyzed: 09/15/2011 06:47

Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.53(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 86112 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/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03695.d
Report Date: 15-Sep-2011 08:42

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03695.d
Lab Smp Id: MB
Inj Date : 15-SEP-2011 06:47
Operator : Inst ID: VOAMS8.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/8260_09.m
Meth Date : 15-Sep-2011 04:53 audberto Quant Type: ISTD
Cal Date : 14-SEP-2011 06:22 Cal File: j03643.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	7.485	7.452	(0.949)	758336	49.8813	5000
* 52 Fluorobenzene	96	7.890	7.862	(1.000)	2552495	50.0000	
$ 65 Toluene-d8 (SUR)	98	9.747	9.730	(0.859)	2033470	47.8719	4800
* 78 Chlorobenzene-d5	117	11.343	11.328	(1.000)	1883379	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	12.542	12.529	(0.911)	946244	50.4071	5000
* 108 1,4-Dichlorobenzene-d4	152	13.772	13.760	(1.000)	832053	50.0000	

Data File: /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03695.d
Report Date: 15-Sep-2011 08:42

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03695.d
Lab Smp Id: MB
Inj Date : 15-SEP-2011 06:47
Operator : Inst ID: VOAMS8.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/8260_09.m
Meth Date : 15-Sep-2011 04:53 audberto Quant Type: ISTD
Cal Date : 14-SEP-2011 06:22 Cal File: j03643.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

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: j03695.d

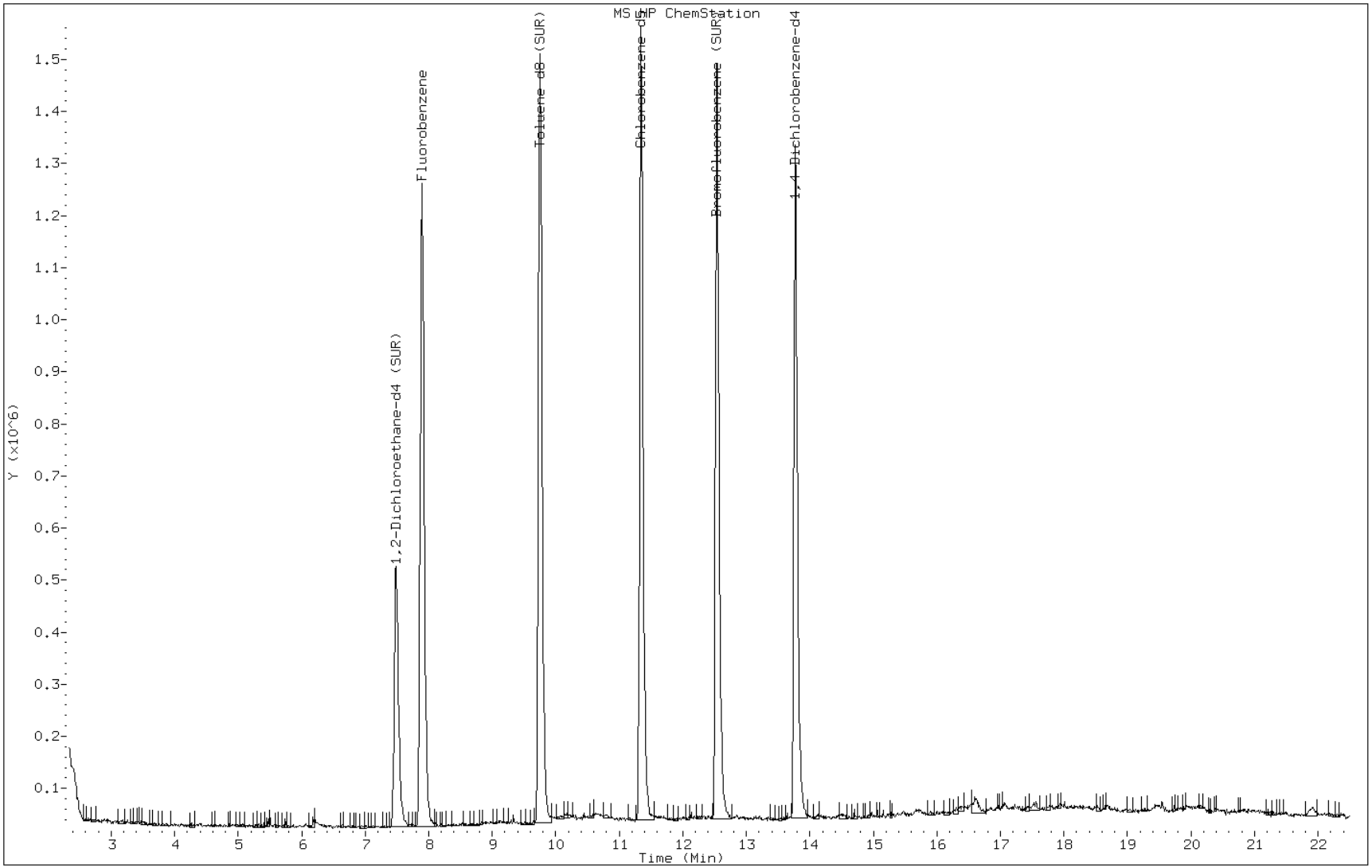
Date: 15-SEP-2011 06:47

Client ID:

Instrument: VOAMS8.i

Sample Info: MB

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-86290/5

Matrix: Solid Lab File ID: d12742.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/15/2011 21:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 86290 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.63
74-83-9	Bromomethane	1.0	U	1.0	0.41
75-01-4	Vinyl chloride	1.0	U	1.0	0.23
75-00-3	Chloroethane	1.0	U	1.0	0.40
75-09-2	Methylene Chloride	1.25		1.0	0.47
67-64-1	Acetone	4.29	J	10	3.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.47
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.37
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.28
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.24
67-66-3	Chloroform	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.57
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.39
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.19
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.74
75-25-2	Bromoform	1.0	U	1.0	0.70
100-42-5	Styrene	1.0	U	1.0	0.35
100-41-4	Ethylbenzene	1.0	U	1.0	0.19
108-90-7	Chlorobenzene	1.0	U	1.0	0.48
110-82-7	Cyclohexane	1.0	U	1.0	0.22
98-82-8	Isopropylbenzene	1.0	U	1.0	0.26
591-78-6	2-Hexanone	10	U	10	1.7
1634-04-4	MTBE	1.0	U	1.0	0.34
76-13-1	Freon TF	1.0	U	1.0	0.48
79-20-9	Methyl acetate	1.0	U	1.0	0.90
123-91-1	1,4-Dioxane	50	U	50	4.2
79-01-6	Trichloroethene	1.0	U	1.0	0.36
108-88-3	Toluene	1.0	U	1.0	0.30
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
108-10-1	4-Methyl-2-pentanone	10	U	10	0.72
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.20
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.64
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-86290/5

Matrix: Solid | Lab File ID: d12742.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/15/2011 21:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 86290 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.71
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.54
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.65
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.32
108-87-2	Methylcyclohexane	1.0	U	1.0	0.27
127-18-4	Tetrachloroethene	1.0	U	1.0	0.33
1330-20-7	Xylenes, Total	3.0	U	3.0	0.79
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.61
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.76
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.59
124-48-1	Dibromochloromethane	1.0	U	1.0	0.56
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.52
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.41
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
75-27-4	Bromodichloromethane	1.0	U	1.0	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-138
2037-26-5	Toluene-d8 (Surr)	95		66-126
460-00-4	Bromofluorobenzene	96		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-86290/5

Matrix: Solid Lab File ID: d12742.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/15/2011 21:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 86290 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/8260L_10/09-03-11/15sep11a.b/d12742.d
Report Date: 16-Sep-2011 13:27

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/d12742.d
Lab Smp Id: MB
Inj Date : 15-SEP-2011 21:07
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/8260L_10.m
Meth Date : 15-Sep-2011 18:45 ken Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.d
Als bottle: 7 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	2.574	2.574	(0.554)	5829	4.28517	4.3(a)
	6 Methylene Chloride	84	2.521	2.533	(0.542)	4343	1.25197	1.2
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.380	4.392	(0.942)	216147	47.6599	48
*	69 Fluorobenzene	96	4.650	4.656	(1.000)	476147	50.0000	
$	37 Toluene-d8 (SUR)	98	6.374	6.380	(0.793)	465894	47.4499	47
*	32 Chlorobenzene-d5	117	8.033	8.038	(1.000)	335348	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.109	9.115	(0.912)	180714	47.9229	48
*	91 1,4-Dichlorobenzene-d4	152	9.985	9.991	(1.000)	186136	50.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/d12742.d
Report Date: 16-Sep-2011 13:27

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/d12742.d
Lab Smp Id: MB
Inj Date : 15-SEP-2011 21:07
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/8260L_10.m
Meth Date : 15-Sep-2011 18:45 ken Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.d
Als bottle: 7 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

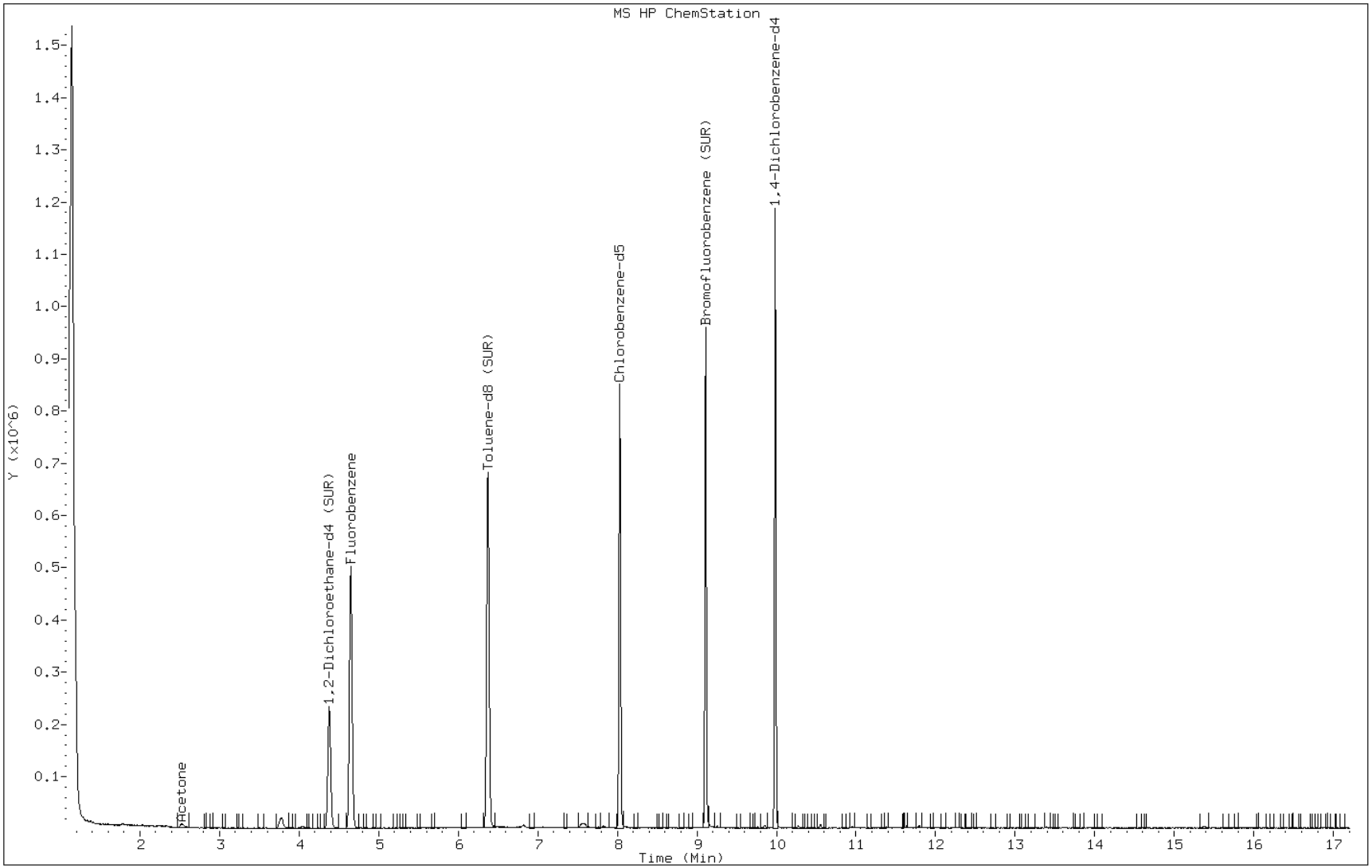
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: d12742.d

Date: 15-SEP-2011 21:07

Client ID: Instrument: VOAMS4.i

Sample Info: MB Operator: VOAMS 9



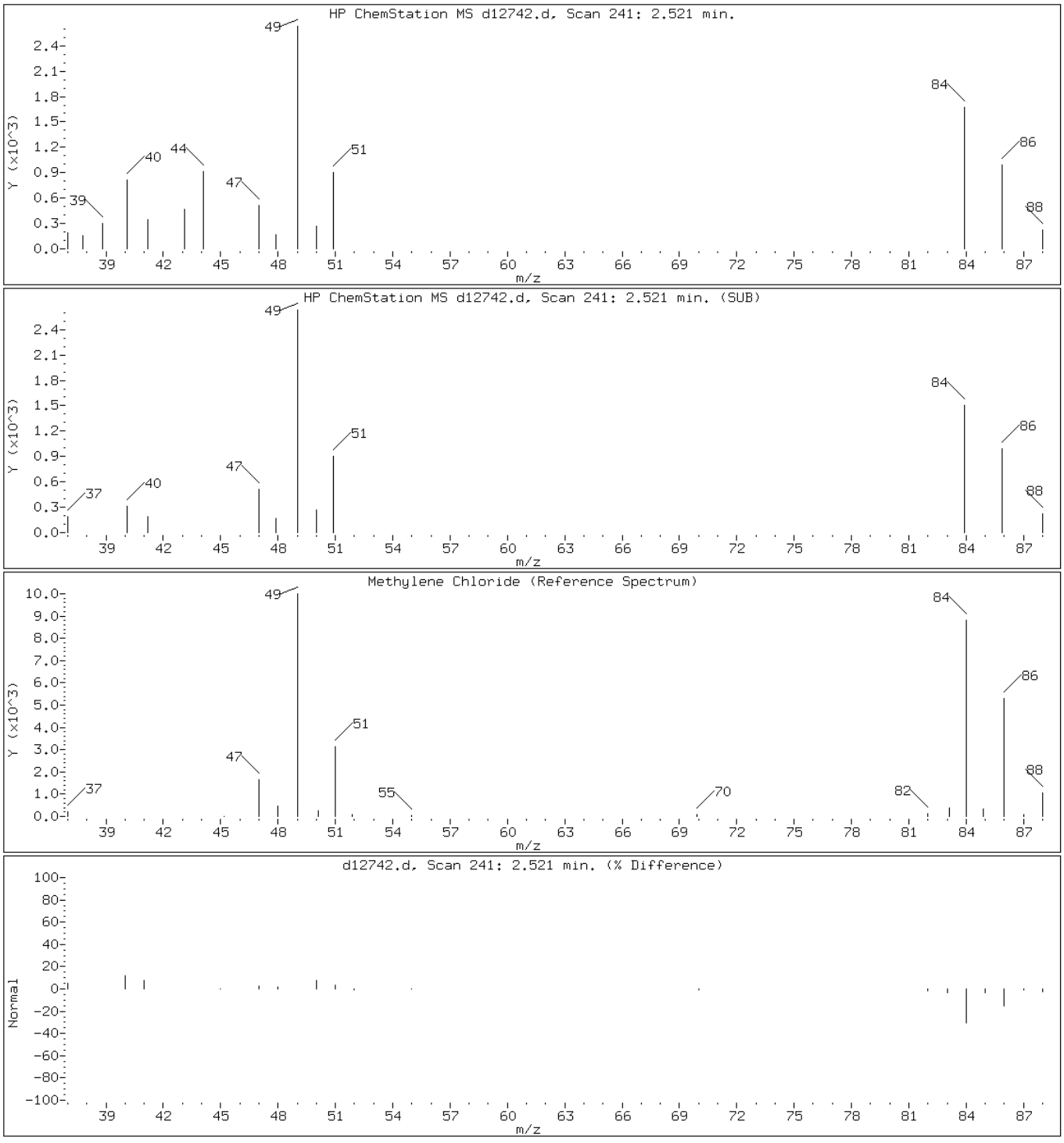
Data File: d12742.d

Date: 15-SEP-2011 21:07

Client ID: Instrument: VOAMS4.i

Sample Info: MB Operator: VOAMS 9

6 Methylene Chloride



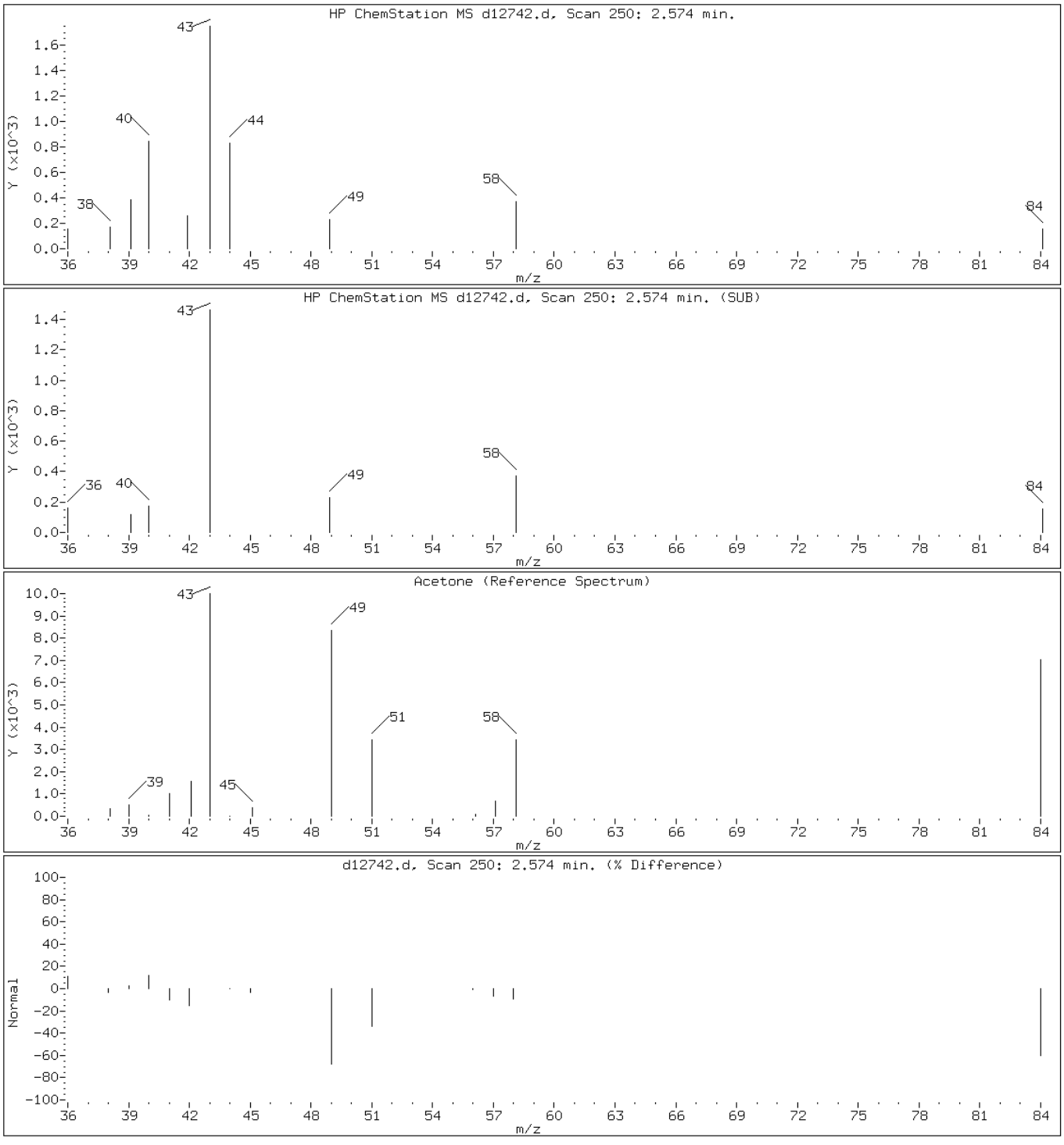
Data File: d12742.d

Date: 15-SEP-2011 21:07

Client ID: Instrument: VOAMS4.i

Sample Info: MB Operator: VOAMS 9

7 Acetone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-86306/5

Matrix: Solid Lab File ID: d12768.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/16/2011 08:21

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 86306 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.63
74-83-9	Bromomethane	1.0	U	1.0	0.41
75-01-4	Vinyl chloride	1.0	U	1.0	0.23
75-00-3	Chloroethane	1.0	U	1.0	0.40
75-09-2	Methylene Chloride	0.561	J	1.0	0.47
67-64-1	Acetone	5.34	J	10	3.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.47
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.37
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.28
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.24
67-66-3	Chloroform	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.57
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.39
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.19
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.74
75-25-2	Bromoform	1.0	U	1.0	0.70
100-42-5	Styrene	1.0	U	1.0	0.35
100-41-4	Ethylbenzene	1.0	U	1.0	0.19
108-90-7	Chlorobenzene	1.0	U	1.0	0.48
110-82-7	Cyclohexane	1.0	U	1.0	0.22
98-82-8	Isopropylbenzene	1.0	U	1.0	0.26
591-78-6	2-Hexanone	10	U	10	1.7
1634-04-4	MTBE	1.0	U	1.0	0.34
76-13-1	Freon TF	1.0	U	1.0	0.48
79-20-9	Methyl acetate	1.0	U	1.0	0.90
123-91-1	1,4-Dioxane	50	U	50	4.2
79-01-6	Trichloroethene	1.0	U	1.0	0.36
108-88-3	Toluene	1.0	U	1.0	0.30
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
108-10-1	4-Methyl-2-pentanone	10	U	10	0.72
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.20
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.64
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-86306/5

Matrix: Solid | Lab File ID: d12768.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/16/2011 08:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 86306 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.71
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.54
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.65
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.32
108-87-2	Methylcyclohexane	1.0	U	1.0	0.27
127-18-4	Tetrachloroethene	1.0	U	1.0	0.33
1330-20-7	Xylenes, Total	3.0	U	3.0	0.79
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.61
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.76
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.59
124-48-1	Dibromochloromethane	1.0	U	1.0	0.56
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.52
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.41
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
75-27-4	Bromodichloromethane	1.0	U	1.0	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		70-138
2037-26-5	Toluene-d8 (Surr)	97		66-126
460-00-4	Bromofluorobenzene	94		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-86306/5

Matrix: Solid Lab File ID: d12768.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/16/2011 08:21

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 86306 Units: ug/Kg

Number TICs Found: 1 TIC Result Total: 5.31

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Silanol	3.76	5.31	J

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/16sep11.b/d12768.d
Report Date: 16-Sep-2011 12:36

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/16sep11.b/d12768.d
Lab Smp Id: MB
Inj Date : 16-SEP-2011 08:21
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260L_10/09-03-11/16sep11.b/8260L_10.m
Meth Date : 16-Sep-2011 06:01 audberto Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.d
Als bottle: 7 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	2.557	2.563	(0.551)	5520	5.33567	5.3(aH)
	6 Methylene Chloride	84	2.504	2.516	(0.540)	1481	0.56129	0.56(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.369	4.375	(0.942)	186927	54.1975	54
*	69 Fluorobenzene	96	4.639	4.646	(1.000)	362108	50.0000	
$	37 Toluene-d8 (SUR)	98	6.357	6.363	(0.792)	367776	48.2876	48
*	32 Chlorobenzene-d5	117	8.022	8.028	(1.000)	260131	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.104	9.104	(0.912)	138319	47.1484	47
*	91 1,4-Dichlorobenzene-d4	152	9.980	9.980	(1.000)	144809	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: /chem/VOAMS4.i/8260L_10/09-03-11/16sep11.b/d12768.d
Report Date: 16-Sep-2011 12:36

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/16sep11.b/d12768.d
Lab Smp Id: MB
Inj Date : 16-SEP-2011 08:21
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260L_10/09-03-11/16sep11.b/8260L_10.m
Meth Date : 16-Sep-2011 06:01 audberto Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.d
Als bottle: 7 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

ISTD	RT	AREA	AMOUNT
* 69 Fluorobenzene	4.639	907892	50.000

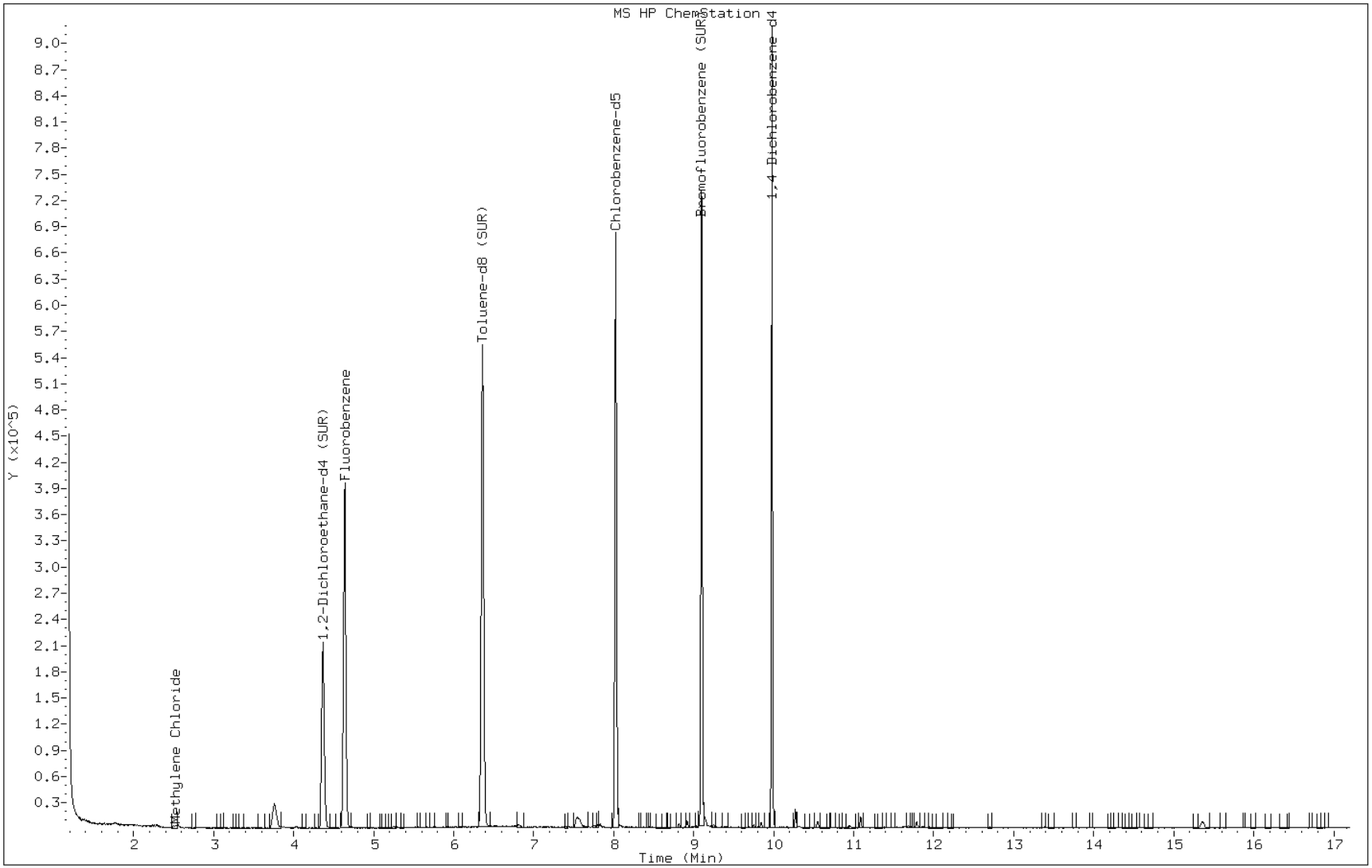
	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Silanol					CAS #:		
3.763	96493	5.31414271	5.3	0		0	69

Data File: d12768.d

Date: 16-SEP-2011 08:21

Client ID: Instrument: VOAMS4.i

Sample Info: MB Operator: VOAMS 9



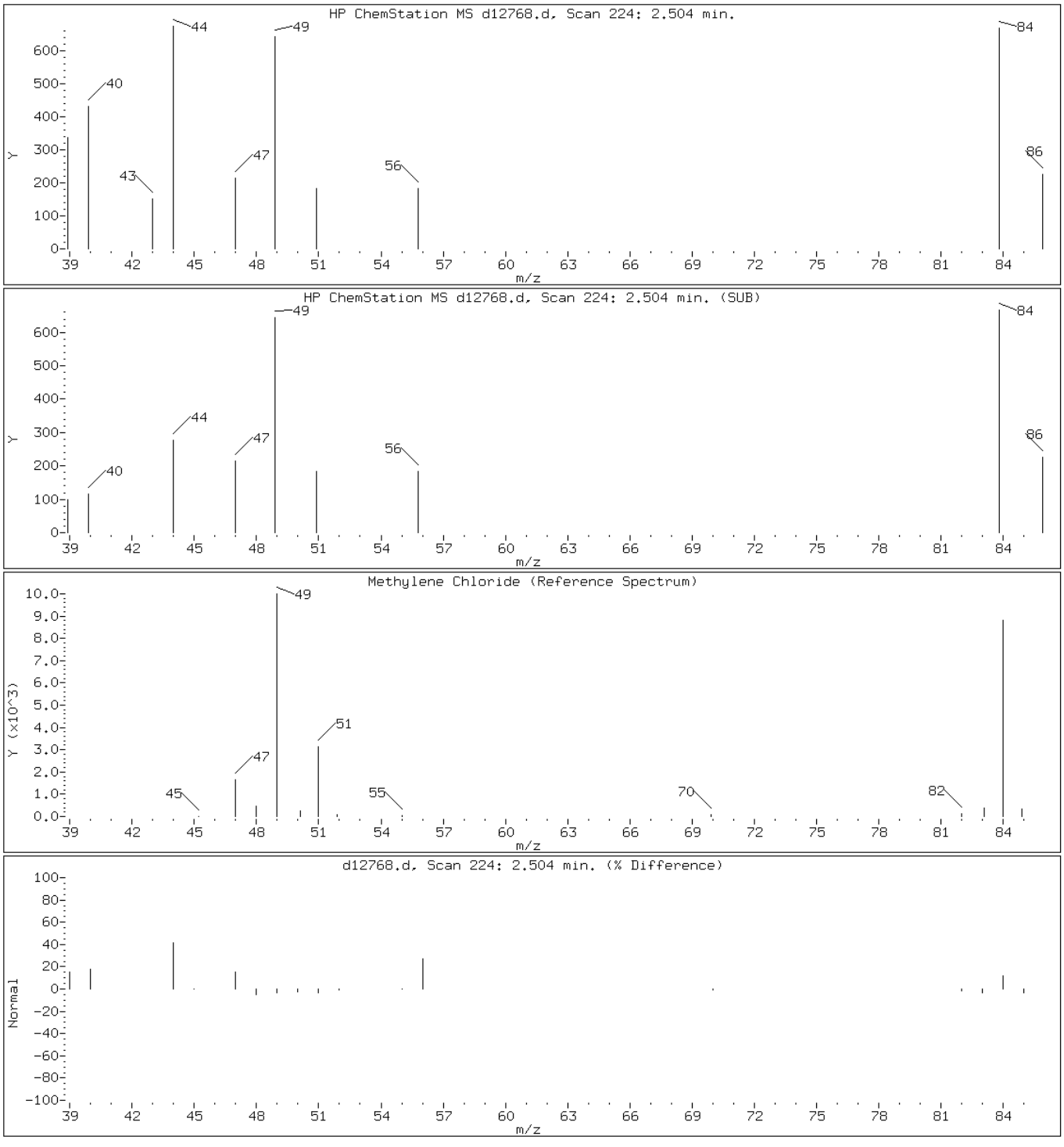
Data File: d12768.d

Date: 16-SEP-2011 08:21

Client ID: Instrument: VOAMS4.i

Sample Info: MB Operator: VOAMS 9

6 Methylene Chloride



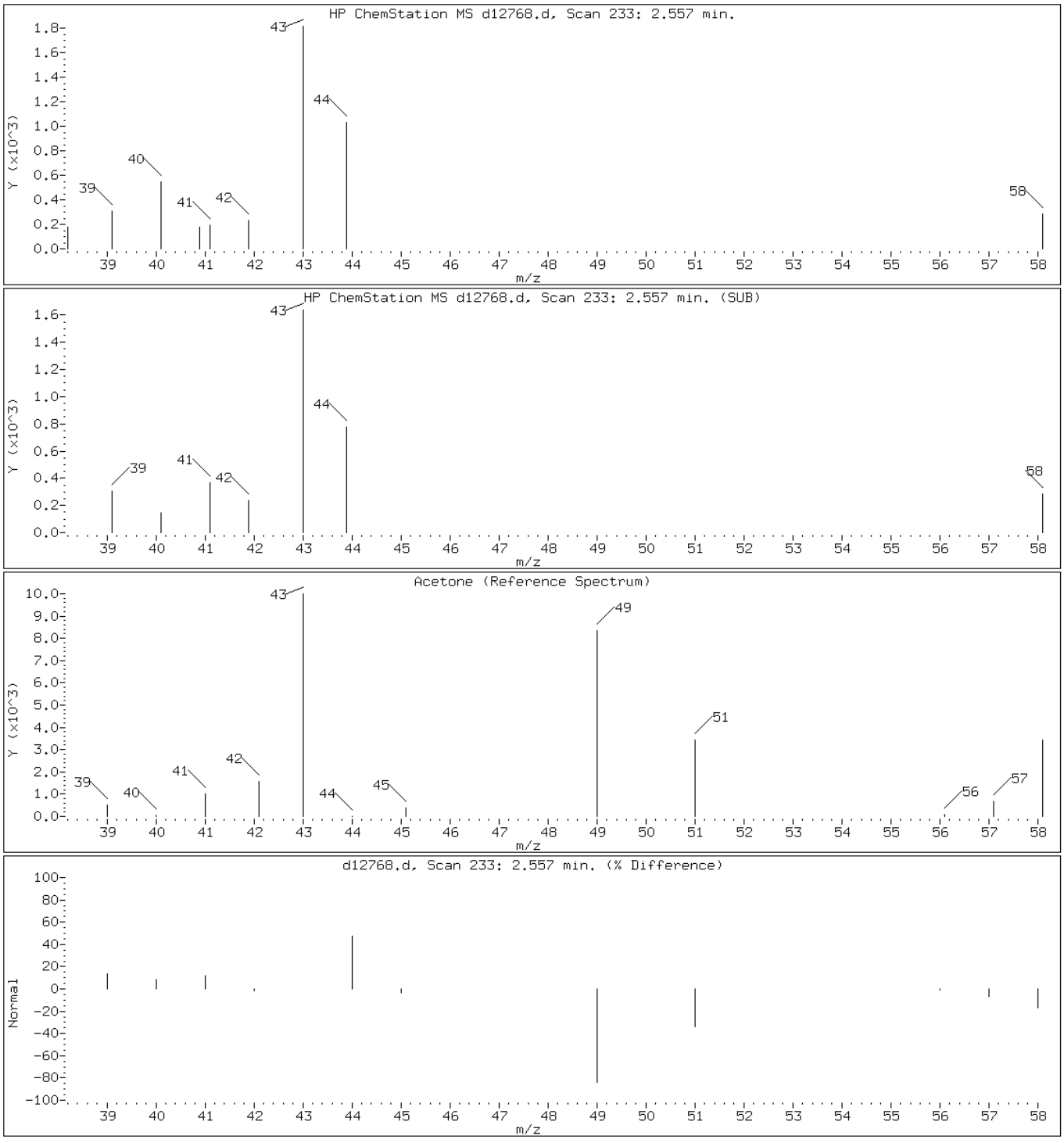
Data File: d12768.d

Date: 16-SEP-2011 08:21

Client ID: Instrument: VOAMS4.i

Sample Info: MB Operator: VOAMS 9

7 Acetone



Data File: d12768.d

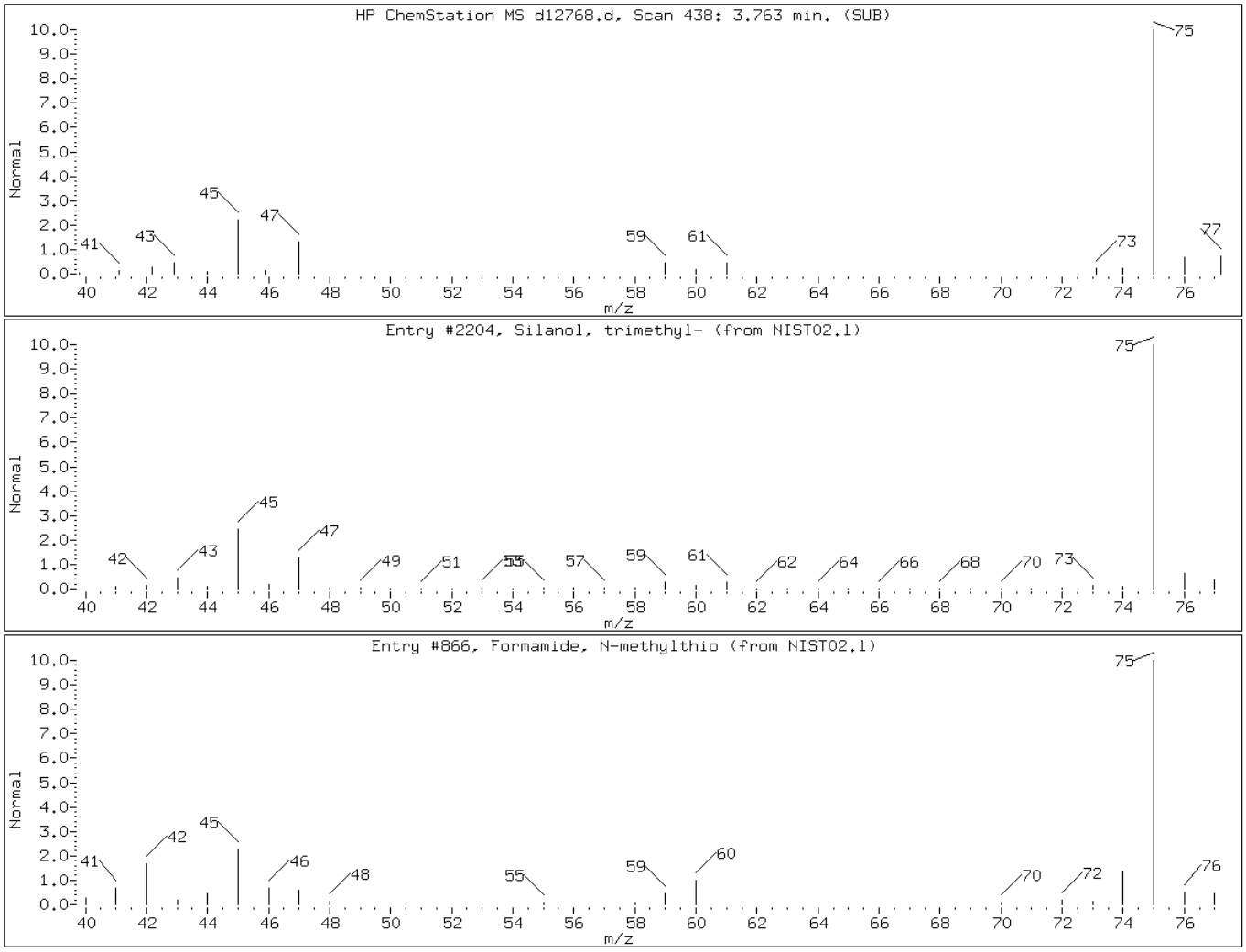
Date: 16-SEP-2011 08:21

Client ID: Instrument: VOAMS4.i

Sample Info: MB Operator: VOAMS 9

Retention Time: 3.76

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Silanol						
Silanol, trimethyl-	1066-40-6	NIST02.l	2204	83	C3H10OSi	90
Formamide, N-methylthio	18952-41-5	NIST02.l	866	64	C2H5NS	75



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-86784/5

Matrix: Solid Lab File ID: d12884.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/21/2011 07:02

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 86784 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.63
74-83-9	Bromomethane	1.0	U	1.0	0.41
75-01-4	Vinyl chloride	1.0	U	1.0	0.23
75-00-3	Chloroethane	1.0	U	1.0	0.40
75-09-2	Methylene Chloride	1.0	U	1.0	0.47
67-64-1	Acetone	4.77	J	10	3.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.47
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.37
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.28
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.24
67-66-3	Chloroform	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.57
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.39
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.19
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.74
75-25-2	Bromoform	1.0	U	1.0	0.70
100-42-5	Styrene	1.0	U	1.0	0.35
100-41-4	Ethylbenzene	1.0	U	1.0	0.19
108-90-7	Chlorobenzene	1.0	U	1.0	0.48
110-82-7	Cyclohexane	1.0	U	1.0	0.22
98-82-8	Isopropylbenzene	1.0	U	1.0	0.26
591-78-6	2-Hexanone	10	U	10	1.7
1634-04-4	MTBE	1.0	U	1.0	0.34
76-13-1	Freon TF	1.0	U	1.0	0.48
79-20-9	Methyl acetate	1.0	U	1.0	0.90
123-91-1	1,4-Dioxane	50	U	50	4.2
79-01-6	Trichloroethene	1.0	U	1.0	0.36
108-88-3	Toluene	1.0	U	1.0	0.30
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
108-10-1	4-Methyl-2-pentanone	10	U	10	0.72
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.20
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.64
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-86784/5

Matrix: Solid | Lab File ID: d12884.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/21/2011 07:02

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 86784 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.71
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.54
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.65
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.32
108-87-2	Methylcyclohexane	1.0	U	1.0	0.27
127-18-4	Tetrachloroethene	1.0	U	1.0	0.33
1330-20-7	Xylenes, Total	3.0	U	3.0	0.79
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.61
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.76
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.59
124-48-1	Dibromochloromethane	1.0	U	1.0	0.56
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.52
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.41
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
75-27-4	Bromodichloromethane	1.0	U	1.0	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		70-138
2037-26-5	Toluene-d8 (Surr)	98		66-126
460-00-4	Bromofluorobenzene	93		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-86784/5

Matrix: Solid Lab File ID: d12884.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/21/2011 07:02

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 86784 Units: ug/Kg

Number TICs Found: 1 TIC Result Total: 6.1

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Silanol	3.77	6.10	J

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/21sep11.b/d12884.d
Report Date: 21-Sep-2011 10:43

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/21sep11.b/d12884.d
Lab Smp Id: MB
Inj Date : 21-SEP-2011 07:02
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260L_10/09-03-11/21sep11.b/8260L_10.m
Meth Date : 21-Sep-2011 05:11 audberto Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.d
Als bottle: 7 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	2.569	2.552	(0.552)	5529	4.76740	4.8(aH)
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.381	4.363	(0.942)	214203	55.4010	55
*	69 Fluorobenzene	96	4.651	4.640	(1.000)	405932	50.0000	
$	37 Toluene-d8 (SUR)	98	6.369	6.363	(0.793)	402514	48.8125	49
*	32 Chlorobenzene-d5	117	8.027	8.028	(1.000)	281640	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.104	9.104	(0.912)	153314	46.7216	47
*	91 1,4-Dichlorobenzene-d4	152	9.980	9.980	(1.000)	161974	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: /chem/VOAMS4.i/8260L_10/09-03-11/21sep11.b/d12884.d
Report Date: 21-Sep-2011 10:43

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/21sep11.b/d12884.d
Lab Smp Id: MB
Inj Date : 21-SEP-2011 07:02
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260L_10/09-03-11/21sep11.b/8260L_10.m
Meth Date : 21-Sep-2011 05:11 audberto Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.d
Als bottle: 7 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

ISTD	RT	AREA	AMOUNT
* 69 Fluorobenzene	4.651	1020818	50.000

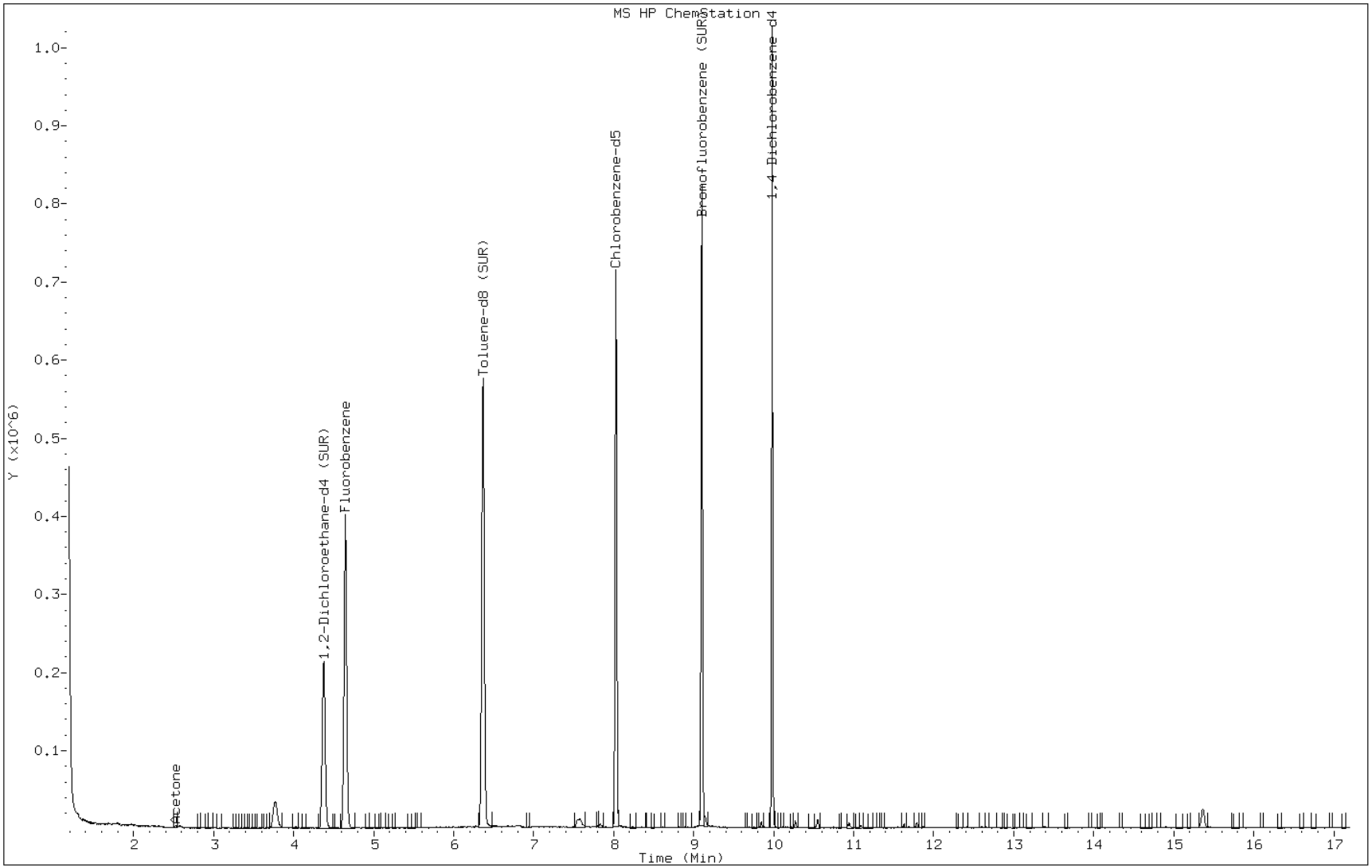
	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Silanol					CAS #:		
3.769	124482	6.09714804	6.1	78	NIST02.l	2204	69

Data File: d12884.d

Date: 21-SEP-2011 07:02

Client ID: Instrument: VOAMS4.i

Sample Info: MB Operator: VOAMS 9



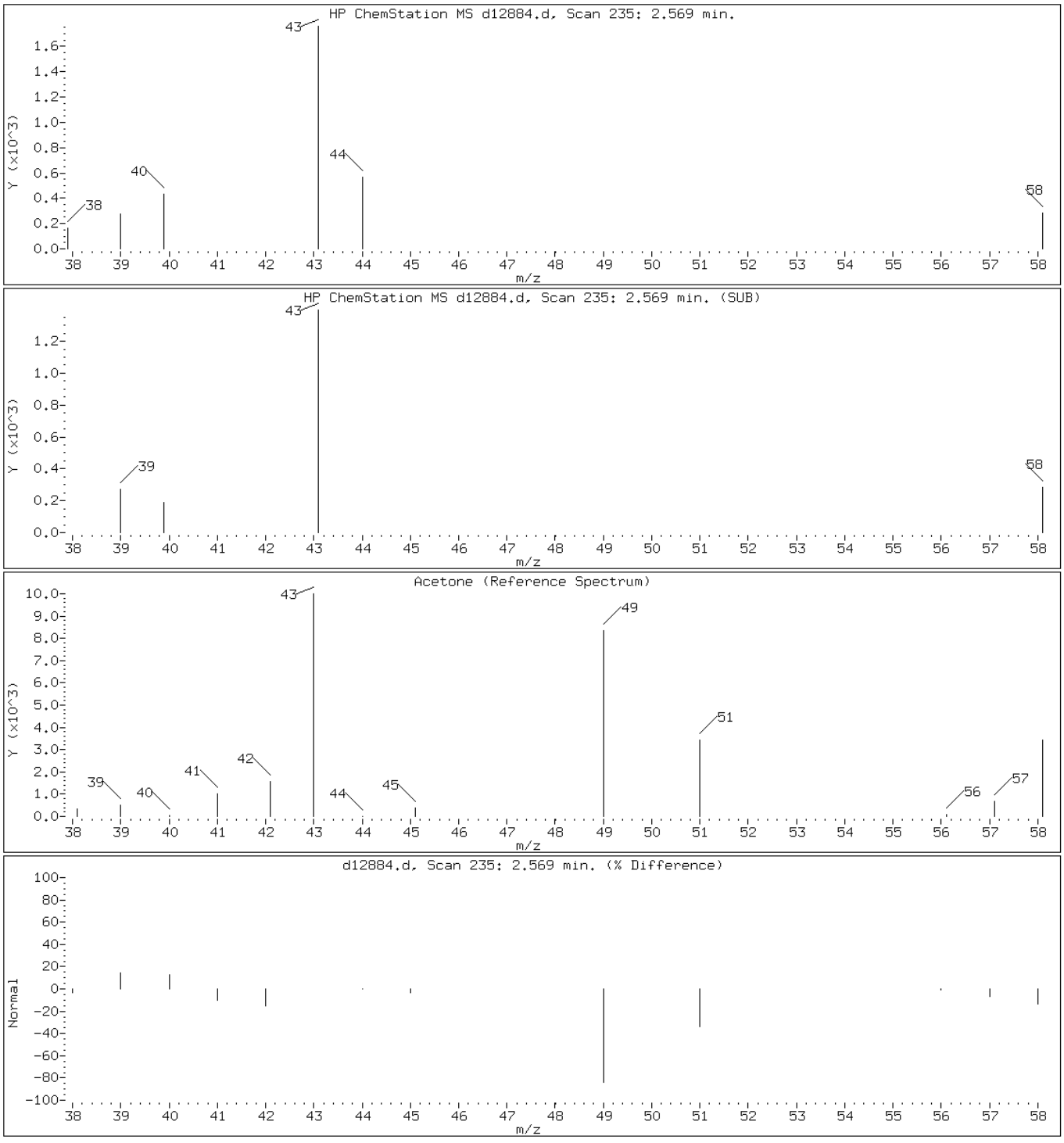
Data File: d12884.d

Date: 21-SEP-2011 07:02

Client ID: Instrument: VOAMS4.i

Sample Info: MB Operator: VOAMS 9

7 Acetone



Data File: d12884.d

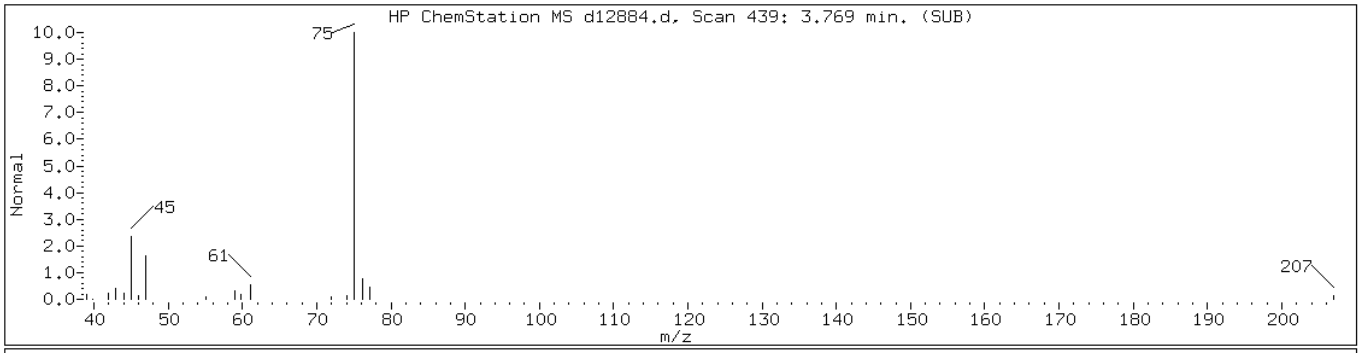
Date: 21-SEP-2011 07:02

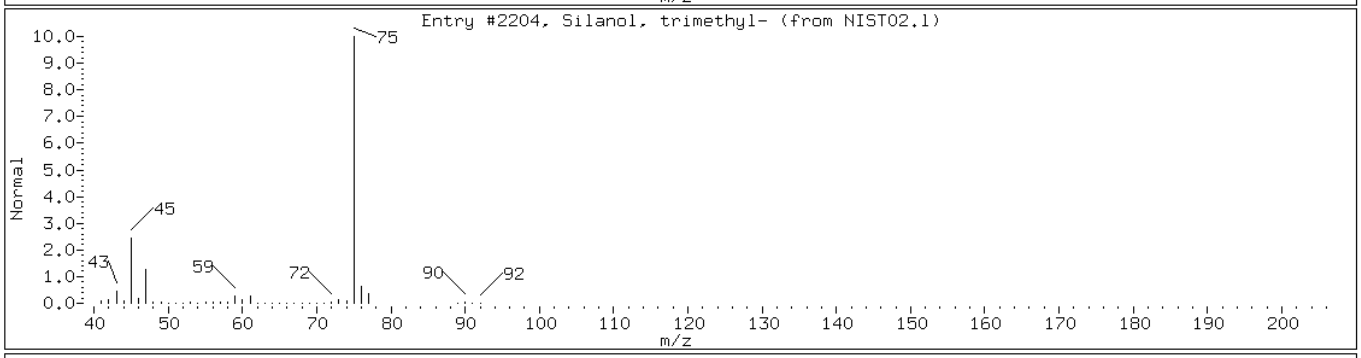
Client ID: Instrument: VOAMS4.i

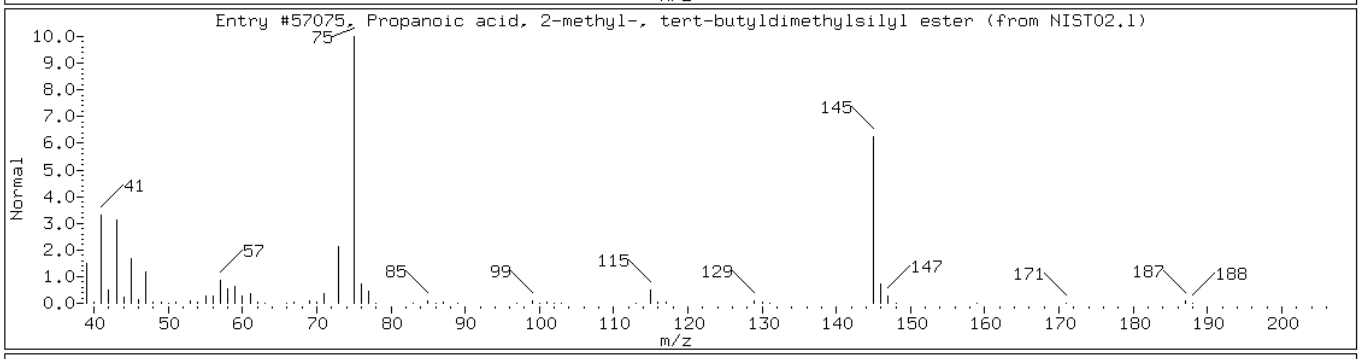
Sample Info: MB Operator: VOAMS 9

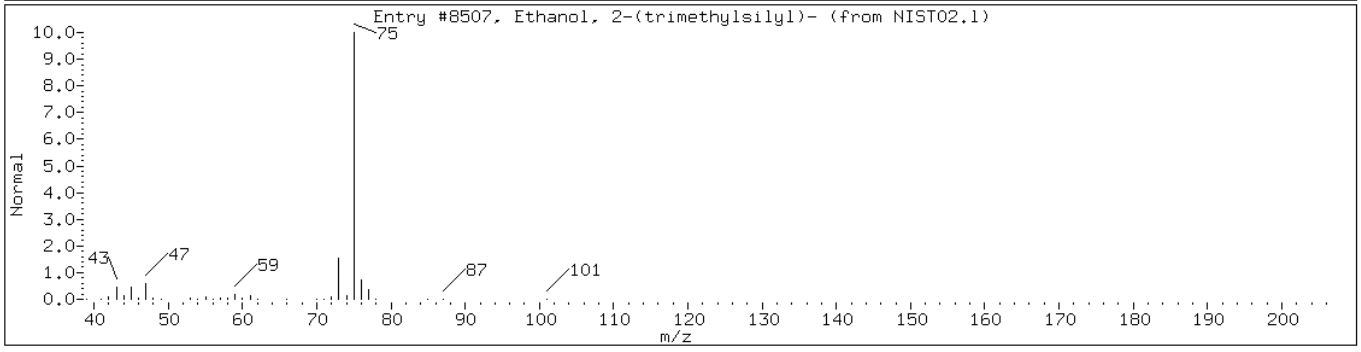
Retention Time: 3.77

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Silanol		NIST02.l	2204	78	C3H10OSi	90
Propanoic acid, 2-methyl-, tert-bu	111864-21-2	NIST02.l	57075	74	C10H22O2Si	202
Ethanol, 2-(trimethylsilyl)-	2916-68-9	NIST02.l	8507	72	C5H14OSi	118









FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-85734/3

Matrix: Water Lab File ID: a67835.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/12/2011 07:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 85734 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	19.7		1.0	0.21
74-83-9	Bromomethane	12.6		1.0	0.31
75-01-4	Vinyl chloride	19.7		1.0	0.13
75-00-3	Chloroethane	15.0		1.0	0.45
75-09-2	Methylene Chloride	17.0		1.0	0.19
67-64-1	Acetone	19.5		10	2.5
75-15-0	Carbon disulfide	16.5		1.0	0.15
75-69-4	Trichlorofluoromethane	16.7		1.0	0.16
75-35-4	1,1-Dichloroethene	17.1		1.0	0.14
75-34-3	1,1-Dichloroethane	18.1		1.0	0.10
156-60-5	trans-1,2-Dichloroethene	17.0		1.0	0.14
156-59-2	cis-1,2-Dichloroethene	19.2		1.0	0.20
67-66-3	Chloroform	18.4		1.0	0.15
78-93-3	2-Butanone	18.3		10	0.82
107-06-2	1,2-Dichloroethane	16.1		1.0	0.24
71-55-6	1,1,1-Trichloroethane	17.9		1.0	0.25
56-23-5	Carbon tetrachloride	18.8		1.0	0.19
71-43-2	Benzene	19.8		1.0	0.13
75-25-2	Bromoform	19.2		1.0	0.10
100-42-5	Styrene	18.2		1.0	0.13
100-41-4	Ethylbenzene	18.3		1.0	0.25
108-90-7	Chlorobenzene	19.1		1.0	0.16
110-82-7	Cyclohexane	17.7		1.0	0.13
98-82-8	Isopropylbenzene	19.8		1.0	0.21
591-78-6	2-Hexanone	14.1		10	0.55
1634-04-4	MTBE	16.0		1.0	0.18
76-13-1	Freon TF	17.4		1.0	0.28
79-20-9	Methyl acetate	13.4		2.0	0.33
123-91-1	1,4-Dioxane	131		50	8.4
79-01-6	Trichloroethene	18.4		1.0	0.18
108-88-3	Toluene	19.0		1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	16.4		1.0	0.12
108-10-1	4-Methyl-2-pentanone	15.9		10	0.68
10061-01-5	cis-1,3-Dichloropropene	17.7		1.0	0.11
95-50-1	1,2-Dichlorobenzene	20.3		1.0	0.16
541-73-1	1,3-Dichlorobenzene	18.5		1.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-85734/3

Matrix: Water | Lab File ID: a67835.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/12/2011 07:13

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 85734 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	19.2		1.0	0.15
120-82-1	1,2,4-Trichlorobenzene	23.6		1.0	0.44
87-61-6	1,2,3-Trichlorobenzene	24.0		1.0	0.83
78-87-5	1,2-Dichloropropane	18.5		1.0	0.090
108-87-2	Methylcyclohexane	17.3		1.0	0.090
127-18-4	Tetrachloroethene	21.4		1.0	0.20
1330-20-7	Xylenes, Total	55.5		3.0	0.43
96-12-8	1,2-Dibromo-3-Chloropropane	17.6		1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	17.5		1.0	0.090
79-00-5	1,1,2-Trichloroethane	18.5		1.0	0.10
124-48-1	Dibromochloromethane	18.4		1.0	0.11
106-93-4	1,2-Dibromoethane	18.9		1.0	0.090
75-71-8	Dichlorodifluoromethane	22.1		1.0	0.29
74-97-5	Bromochloromethane	19.4		1.0	0.17
75-27-4	Bromodichloromethane	17.8		1.0	0.093

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	83		70-122
2037-26-5	Toluene-d8 (Surr)	99		69-125
460-00-4	Bromofluorobenzene	94		69-135

Data File: /chem/VOAMS1.i/8260_09/08-31-11/12sep11.b/a67835.d
Report Date: 12-Sep-2011 07:31

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS1.i/8260_09/08-31-11/12sep11.b/a67835.d
Lab Smp Id: LCS
Inj Date : 12-SEP-2011 07:13
Operator : VOA GC/MS1 Inst ID: VOAMS1.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS1.i/8260_09/08-31-11/12sep11.b/8260_09.m
Meth Date : 12-Sep-2011 07:01 moroneyc Quant Type: ISTD
Cal Date : 31-AUG-2011 22:06 Cal File: a67456.d
Als bottle: 4 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	1.151	1.157	(0.261)	108980	22.0528	22
3 Chloromethane	50	1.273	1.267	(0.288)	150427	19.7351	20
4 Vinyl Chloride	62	1.347	1.346	(0.305)	141457	19.6694	20
6 Bromomethane	94	1.560	1.560	(0.353)	62816	12.6171	13
5 Chloroethane	64	1.621	1.615	(0.367)	70685	14.9937	15
7 Trichlorofluoromethane	101	1.798	1.798	(0.407)	138550	16.7090	17
10 Isoprene	67	1.987	1.987	(0.450)	122573	18.3602	18
11 Ethyl Ether	59	1.968	1.968	(0.445)	64593	17.4943	17
13 Acrolein	56	2.133	2.133	(0.483)	27302	36.7839	37
15 1,1-Dichloroethene	96	2.170	2.169	(0.491)	68091	17.1112	17
14 Freon TF	101	2.170	2.182	(0.491)	83535	17.3759	17
16 Acetone	43	2.255	2.255	(0.510)	25150	19.5388	20
17 Iodomethane	142	2.310	2.310	(0.523)	107816	16.1217	16
18 Carbon Disulfide	76	2.334	2.334	(0.528)	240933	16.4593	16
21 Acetonitrile	39	2.541	2.547	(0.575)	36599	333.459	330
27 Methyl Acetate	74	2.493	2.493	(0.564)	13278	13.3856	13

Data File: /chem/VOAMS1.i/8260_09/08-31-11/12sep11.b/a67835.d
Report Date: 12-Sep-2011 07:31

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	22 Methylene Chloride	84	2.596	2.596	(0.588)	79589	17.0113	17
	24 TBA	59	2.688	2.682	(0.608)	134748	316.127	320
	25 trans-1,2-Dichloroethene	96	2.773	2.767	(0.628)	72072	16.9930	17
	26 Acrylonitrile	53	2.840	2.840	(0.643)	29820	22.1359	22
	28 MTBE	73	2.755	2.755	(0.623)	208034	15.9997	16
	30 1,1-Dichloroethane	63	3.133	3.133	(0.709)	144835	18.1125	18
	31 Vinyl Acetate	43	3.157	3.120	(0.714)	262975	21.2578	21
	32 DIPE	45	3.127	3.120	(0.708)	282946	16.7565	17
	34 n-Propanol	60	3.230	3.230	(0.731)	31572	2619.16	2600
	35 t-Butyl-ethyl-ether	59	3.401	3.395	(0.770)	258792	17.2909	17
	37 2,2-Dichloropropane	77	3.566	3.566	(0.807)	126058	17.2804	17
	36 cis-1,2-Dichloroethene	96	3.584	3.578	(0.811)	82543	19.2432	19
	38 2-Butanone	72	3.608	3.602	(0.817)	7541	18.2580	18
	39 Ethyl Acetate	70	3.614	3.614	(0.818)	13476	35.6826	36
	40 Bromochloromethane	128	3.767	3.767	(0.852)	35270	19.3788	19
	41 Tetrahydrofuran	42	3.767	3.773	(0.852)	20952	16.6236	17
	42 Chloroform	83	3.822	3.815	(0.865)	131567	18.3784	18
	43 1,1,1-Trichloroethane	97	3.925	3.919	(0.888)	120764	17.8514	18
	44 Cyclohexane	56	3.913	3.919	(0.885)	164687	17.7103	18
	45 Carbon Tetrachloride	117	4.023	4.023	(0.910)	98340	18.8076	19
	46 1,1-Dichloropropene	75	4.047	4.047	(0.916)	104980	18.2675	18
$	47 1,2-Dichloroethane-d4 (SUR)	65	4.212	4.212	(0.953)	177639	41.6156	42
	48 Benzene	78	4.194	4.193	(0.603)	312932	19.7733	20
	49 1,2-Dichloroethane	62	4.267	4.267	(0.966)	94136	16.1071	16
	50 t-Amyl-methyl-ether	73	4.261	4.261	(0.964)	215389	17.3223	17
	61 Isopropyl Acetate	43	4.261	4.261	(0.964)	335705	31.0014	31
*	52 Fluorobenzene	96	4.419	4.419	(1.000)	638025	50.0000	
	54 Trichloroethene	95	4.681	4.675	(1.059)	73338	18.3659	18
	56 Methyl cyclohexane	83	4.773	4.766	(1.080)	151389	17.3170	17
	55 Ethyl Acrylate	55	4.773	4.773	(1.080)	209192	16.5237	16
	57 1,2-Dichloropropane	63	4.882	4.882	(1.105)	81697	18.4937	18
	58 Dibromomethane	93	4.974	4.974	(1.126)	39212	17.7547	18(R)
	60 1,4-Dioxane	88	4.974	4.980	(1.126)	4519	130.772	130
	59 Methyl Methacrylate	100	4.949	4.955	(1.120)	15016	17.1280	17
	75 Propyl Acetate	43	4.992	4.992	(1.130)	175314	30.6370	31
	68 Bromodichloromethane	83	5.090	5.090	(1.152)	91296	17.7775	18
	62 2-Chloroethyl Vinyl Ether	63	5.321	5.321	(1.204)	35607	15.4128	15
	63 Epichlorohydrin	57	5.388	5.388	(0.775)	107964	333.188	330
	67 cis-1,3-Dichloropropene	75	5.425	5.425	(0.780)	115437	17.7033	18
	70 4-Methyl-2-Pentanone	43	5.547	5.547	(0.798)	63868	15.8984	16
$	65 Toluene-d8 (SUR)	98	5.596	5.596	(0.805)	569914	49.6567	50
	66 Toluene	91	5.651	5.650	(0.812)	321472	19.0460	19
	64 trans-1,3-Dichloropropene	75	5.919	5.919	(0.851)	96818	16.4252	16
	69 1,1,2-Trichloroethane	83	6.083	6.083	(0.875)	49958	18.4818	18
	71 Tetrachloroethene	166	6.120	6.120	(0.880)	71391	21.4283	21
	72 1,3-Dichloropropane	76	6.254	6.254	(0.899)	102488	18.3535	18
	73 2-Hexanone	43	6.315	6.315	(0.908)	37379	14.1140	14

Data File: /chem/VOAMS1.i/8260_09/08-31-11/12sep11.b/a67835.d
Report Date: 12-Sep-2011 07:31

			QUANT SIG					CONCENTRATIONS	
								ON-COLUMN	FINAL
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
	74	Dibromochloromethane	129	6.455	6.455	(0.928)	56827	18.4068	18
	77	1,2-Dibromoethane	107	6.571	6.577	(0.945)	52732	18.8642	19
*	78	Chlorobenzene-d5	117	6.955	6.955	(1.000)	436538	50.0000	
	79	Chlorobenzene	112	6.980	6.979	(1.004)	196494	19.1398	19
	80	1,1,1,2-Tetrachloroethane	131	7.059	7.059	(1.015)	70959	18.6308	19
	81	Ethylbenzene	106	7.047	7.047	(1.013)	108231	18.2912	18
	82	m+p-Xylene	106	7.144	7.138	(1.027)	273155	37.2518	37
	84	o-Xylene	106	7.437	7.437	(1.069)	139032	18.2375	18
	85	Styrene	104	7.455	7.455	(1.072)	228135	18.1784	18
	86	Bromoform	173	7.601	7.601	(1.093)	31858	19.2214	19
	88	Isopropylbenzene	105	7.675	7.674	(1.103)	377315	19.8334	20
$	89	Bromofluorobenzene (SUR)	174	7.809	7.809	(0.918)	176311	47.0733	47
	90	Camphene (total)	93	7.821	7.821	(1.124)	160335	20.5020	20
	91	Bromobenzene	156	7.900	7.894	(0.929)	81572	17.9776	18
	92	1,1,2,2-Tetrachloroethane	83	7.925	7.924	(0.932)	81029	17.4940	17
	93	1,2,3-Trichloropropane	110	7.955	7.955	(0.935)	23070	17.5841	18
	95	n-Propylbenzene	91	7.943	7.943	(0.934)	457489	17.4165	17
	96	2-Chlorotoluene	91	8.010	8.010	(0.942)	269181	17.6025	18
	97	1,3,5-Trimethylbenzene	105	8.053	8.052	(0.947)	320640	17.5046	18
	98	4-Chlorotoluene	91	8.083	8.083	(0.951)	278777	17.7258	18
	99	Butyl Methacrylate	87	8.114	8.113	(0.954)	108719	15.9840	16
	100	tert-Butylbenzene	119	8.242	8.241	(0.969)	269903	17.8718	18
	101	1,2,4-Trimethylbenzene	105	8.278	8.278	(0.973)	332970	17.8790	18
	103	sec-Butylbenzene	105	8.370	8.369	(0.984)	451207	18.8175	19
	105	1,3-Dichlorobenzene	146	8.461	8.455	(0.995)	182827	18.5204	18
	107	p-Isopropyltoluene	119	8.455	8.449	(0.994)	374868	18.1594	18
*	108	1,4-Dichlorobenzene-d4	152	8.504	8.497	(1.000)	252179	50.0000	
	109	1,4-Dichlorobenzene	146	8.516	8.510	(1.001)	186324	19.2165	19
	106	n-Butylbenzene	91	8.687	8.680	(1.022)	374100	18.7089	19
	111	1,2-Dichlorobenzene	146	8.735	8.723	(1.027)	182139	20.2863	20
	112	1,2-Dibromo-3-chloropropane	75	9.186	9.168	(1.080)	13838	17.5651	18
	114	1,2,4-Trichlorobenzene	180	9.680	9.662	(1.138)	132041	23.5537	24
	115	Hexachlorobutadiene	225	9.747	9.729	(1.146)	70263	25.4369	25
	116	Naphthalene	128	9.857	9.839	(1.159)	254799	23.0346	23
	117	1,2,3-Trichlorobenzene	180	10.034	10.015	(1.180)	101267	23.9883	24
M	120	1,2-Dichloroethene (Total)	100				154615	36.2362	36
M	121	Xylene (Total)	100				412188	55.4893	55

QC Flag Legend

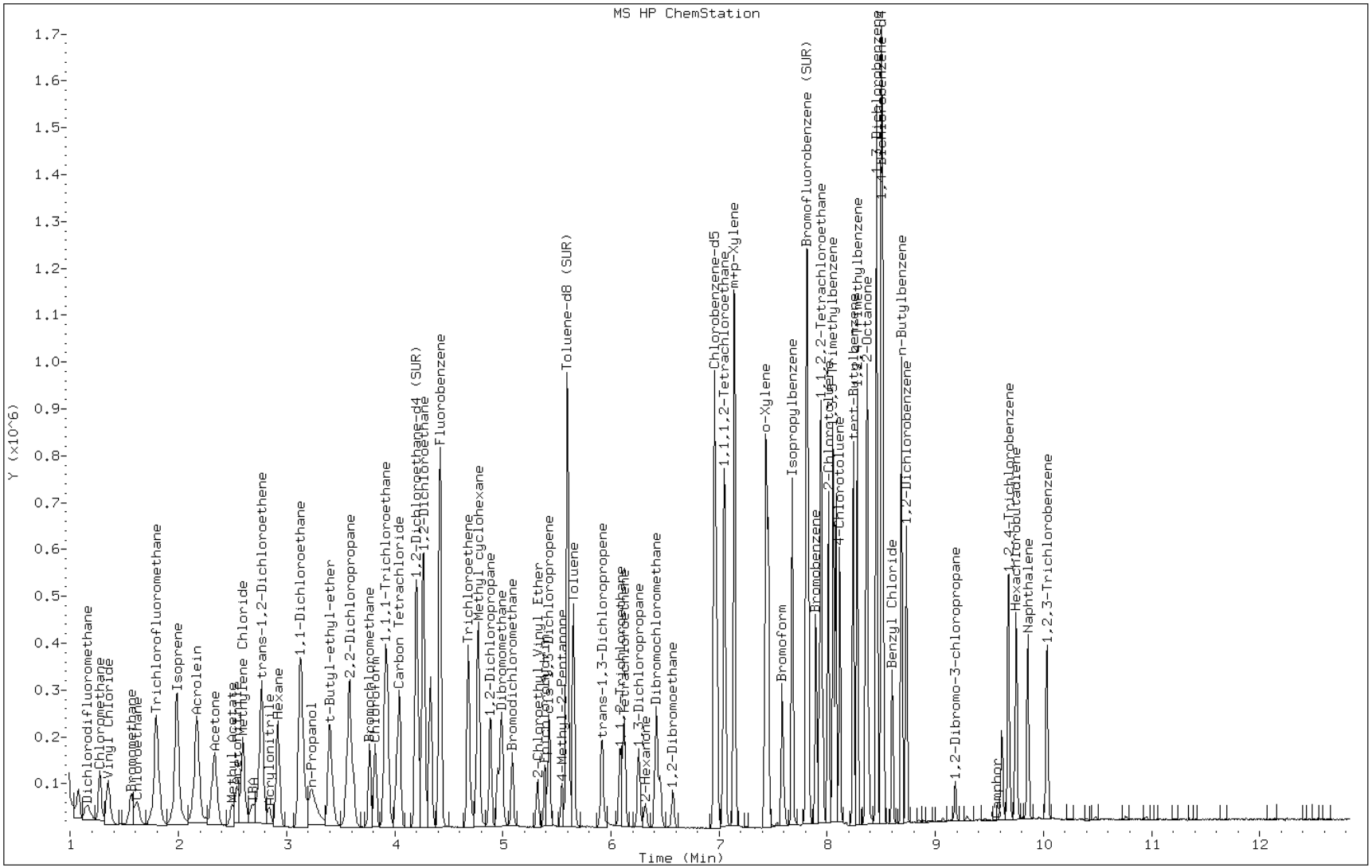
R - Spike/Surrogate failed recovery limits.

Data File: a67835.d

Date: 12-SEP-2011 07:13

Client ID: Instrument: VOAMS1.i

Sample Info: LCS Operator: VOA GC/MS1



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-86004/3

Matrix: Solid Lab File ID: d12661.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/14/2011 04:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 86004 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	22.6		1.0	0.63
74-83-9	Bromomethane	23.7		1.0	0.41
75-01-4	Vinyl chloride	22.8		1.0	0.23
75-00-3	Chloroethane	20.9		1.0	0.40
75-09-2	Methylene Chloride	23.8		1.0	0.47
67-64-1	Acetone	28.1		10	3.7
75-15-0	Carbon disulfide	22.6		1.0	0.47
75-69-4	Trichlorofluoromethane	22.2		1.0	0.26
75-35-4	1,1-Dichloroethene	22.1		1.0	0.37
75-34-3	1,1-Dichloroethane	21.0		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	20.8		1.0	0.28
156-59-2	cis-1,2-Dichloroethene	20.5		1.0	0.24
67-66-3	Chloroform	20.2		1.0	0.24
78-93-3	2-Butanone	18.2		10	0.57
107-06-2	1,2-Dichloroethane	20.3		1.0	0.39
71-55-6	1,1,1-Trichloroethane	22.2		1.0	0.19
56-23-5	Carbon tetrachloride	23.3		1.0	0.10
71-43-2	Benzene	20.7		1.0	0.74
75-25-2	Bromoform	20.4		1.0	0.70
100-42-5	Styrene	19.9		1.0	0.35
100-41-4	Ethylbenzene	20.3		1.0	0.19
108-90-7	Chlorobenzene	19.1		1.0	0.48
110-82-7	Cyclohexane	23.1		1.0	0.22
98-82-8	Isopropylbenzene	20.2		1.0	0.26
591-78-6	2-Hexanone	19.0		10	1.7
1634-04-4	MTBE	19.8		1.0	0.34
76-13-1	Freon TF	24.1		1.0	0.48
79-20-9	Methyl acetate	19.0		1.0	0.90
123-91-1	1,4-Dioxane	140		50	4.2
79-01-6	Trichloroethene	21.3		1.0	0.36
108-88-3	Toluene	19.7		1.0	0.30
10061-02-6	trans-1,3-Dichloropropene	19.0		1.0	0.22
108-10-1	4-Methyl-2-pentanone	18.1		10	0.72
10061-01-5	cis-1,3-Dichloropropene	19.8		1.0	0.20
95-50-1	1,2-Dichlorobenzene	19.4		1.0	0.64
541-73-1	1,3-Dichlorobenzene	19.2		1.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-86004/3

Matrix: Solid | Lab File ID: d12661.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/14/2011 04:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 86004 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	18.9		1.0	0.71
120-82-1	1,2,4-Trichlorobenzene	17.6		1.0	0.54
87-61-6	1,2,3-Trichlorobenzene	18.2		1.0	0.65
78-87-5	1,2-Dichloropropane	19.6		1.0	0.32
108-87-2	Methylcyclohexane	23.6		1.0	0.27
127-18-4	Tetrachloroethene	20.0		1.0	0.33
1330-20-7	Xylenes, Total	59.0		3.0	0.79
96-12-8	1,2-Dibromo-3-Chloropropane	16.7		1.0	0.61
79-34-5	1,1,2,2-Tetrachloroethane	17.1		1.0	0.76
79-00-5	1,1,2-Trichloroethane	19.3		1.0	0.59
124-48-1	Dibromochloromethane	19.5		1.0	0.56
106-93-4	1,2-Dibromoethane	18.4		1.0	0.52
75-71-8	Dichlorodifluoromethane	25.8		1.0	0.41
74-97-5	Bromochloromethane	21.9		1.0	0.27
75-27-4	Bromodichloromethane	20.4		1.0	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		70-138
2037-26-5	Toluene-d8 (Surr)	98		66-126
460-00-4	Bromofluorobenzene	94		72-132

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/d12661.d
Report Date: 14-Sep-2011 05:01

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/d12661.d
Lab Smp Id: LCS
Inj Date : 14-SEP-2011 04:49
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/8260L_10.m
Meth Date : 14-Sep-2011 04:31 audberto Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.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)
M	14 1,2-Dichloroethene (total)	100				127770	41.3072	41
	90 Dichlorodifluoromethane	85	1.280	1.280	(0.275)	109514	25.7852	26
	1 Chloromethane	50	1.386	1.386	(0.297)	104757	22.6048	23
	4 Vinyl Chloride	62	1.457	1.456	(0.312)	91539	22.7545	23
	3 Bromomethane	94	1.657	1.651	(0.355)	56252	23.6626	24
	5 Chloroethane	64	1.715	1.709	(0.368)	50758	20.9019	21
	9 Trichlorofluoromethane	101	1.833	1.827	(0.393)	156269	22.2365	22
	121 n-Pentane	72	1.774	1.780	(0.381)	10212	26.2163	26(R)
	46 Ethyl Ether	59	1.992	1.986	(0.427)	52514	23.3337	23
	119 Isoprene	67	1.974	1.980	(0.423)	82793	22.8692	23
	47 Acrolein	56	2.357	2.356	(0.505)	167396	275.044	280
	10 1,1-Dichloroethene	96	2.121	2.121	(0.455)	54692	22.0885	22
	48 Freon TF	101	2.180	2.192	(0.468)	72293	24.0625	24
	7 Acetone	43	2.574	2.580	(0.552)	33577	28.1123	28

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/d12661.d
Report Date: 14-Sep-2011 05:01

							CONCENTRATIONS		
		QUANT SIG					ON-COLUMN	FINAL	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/Kg)	
	142 Iodomethane	142	2.215	2.221	(0.475)	117737	23.5199	24	
	8 Carbon Disulfide	76	2.145	2.139	(0.460)	211609	22.6138	23	
	50 Acetonitrile	41	2.915	2.915	(0.625)	270189	414.280	410	
	125 Methyl acetate	74	2.662	2.662	(0.571)	14038	19.0039	19	
	6 Methylene Chloride	84	2.527	2.527	(0.542)	72428	23.7759	24	
	51 TBA	59	2.851	2.850	(0.611)	180490	397.686	400	
	52 Acrylonitrile	53	3.151	3.150	(0.676)	199637	153.030	150	
	12 trans-1,2-Dichloroethene	96	2.639	2.639	(0.566)	62526	20.7767	21	
	53 MTBE	73	2.751	2.756	(0.590)	201343	19.7627	20	
	54 Hexane	56	2.692	2.698	(0.577)	63142	24.7588	25	
	11 1,1-Dichloroethane	63	3.098	3.098	(0.664)	128880	21.0053	21	
	57 Vinyl Acetate	43	3.309	3.309	(0.710)	107234	19.3208	19	
	55 DIPE	45	3.027	3.027	(0.649)	255533	20.2169	20	
	149 tert-Butyl ethyl ether	59	3.315	3.309	(0.711)	222866	20.5973	20	
	104 2,2-Dichloropropane	77	3.627	3.633	(0.778)	123867	23.3958	23	
	13 cis-1,2-Dichloroethene	96	3.527	3.527	(0.756)	65244	20.5305	20	
	18 2-Butanone	43	4.045	4.045	(0.868)	35985	18.2086	18	
	56 Ethyl Acetate	70	3.892	3.892	(0.835)	13341	41.6052	42	
	108 Bromochloromethane	128	3.698	3.692	(0.793)	33900	21.9060	22	
	15 Chloroform	83	3.768	3.768	(0.808)	129115	20.2016	20	
	20 1,1,1-Trichloroethane	97	3.939	3.933	(0.845)	135355	22.2086	22	
	59 Cyclohexane	56	3.698	3.697	(0.793)	129053	23.0956	23	
	21 Carbon Tetrachloride	117	3.874	3.874	(0.831)	134220	23.2823	23	
	92 1,1-Dichloropropene	75	4.039	4.039	(0.866)	89316	21.2063	21	
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.392	4.392	(0.942)	207039	51.9940	52	
	28 Benzene	78	4.262	4.256	(0.914)	235950	20.6719	21	
	17 1,2-Dichloroethane	62	4.456	4.456	(0.956)	104658	20.2700	20	
	61 Isopropyl Acetate	43	4.750	4.750	(1.019)	275377	40.3011	40	
	159 Methacrylonitrile	67	4.392	4.392	(0.942)	100143		(a)	
	140 tert-Amylmethyl Ether	73	4.398	4.397	(0.943)	178940	20.5602	20	
*	69 Fluorobenzene	96	4.662	4.662	(1.000)	418066	50.0000		
	62 n-Heptane	57	4.251	4.250	(0.529)	56586	22.4628	22	
	25 Trichloroethene	95	4.827	4.827	(1.035)	64013	21.3180	21	
	96 Ethyl Acrylate	55	5.445	5.444	(1.168)	62871	18.5778	18	
	126 Methyl cyclohexane	83	4.815	4.809	(1.033)	122980	23.5999	24	
	23 1,2-Dichloropropane	63	5.356	5.362	(1.149)	61183	19.5727	20	
	109 Dibromomethane	93	5.250	5.250	(1.126)	38960	19.5991	20	
	95 1,4-Dioxane	88	5.680	5.674	(1.218)	5265	140.409	140	
	146 Methyl methacrylate	69	5.668	5.668	(1.216)	32234	18.4191	18	
	64 Propyl Acetate	43	5.839	5.839	(1.252)	174665	33.0754	33	
	22 Bromodichloromethane	83	5.450	5.444	(1.169)	87739	20.4360	20	
	30 2-Chloroethyl Vinyl Ether	63	6.133	6.133	(1.315)	28397	18.9307	19	
	118 Epichlorohydrin	57	6.480	6.480	(1.390)	116235	392.091	390	
	24 cis-1,3-Dichloropropene	75	6.168	6.168	(1.323)	87304	19.7525	20	
	33 4-Methyl-2-Pentanone	43	6.944	6.938	(1.490)	67713	18.1209	18	
$	37 Toluene-d8 (SUR)	98	6.386	6.386	(0.794)	429254	48.9267	49	
	38 Toluene	91	6.444	6.444	(0.802)	227978	19.7419	20	

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/d12661.d
Report Date: 14-Sep-2011 05:01

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)	
29	trans-1,3-Dichloropropene	75	6.968	6.968	(0.867)	78652	18.9671	19	
27	1,1,2-Trichloroethane	83	7.133	7.133	(0.887)	38985	19.2927	19	
35	Tetrachloroethene	166	6.892	6.891	(0.857)	64064	20.0250	20	
160	Ethyl methacrylate	69	6.944	6.944	(1.490)	453			(a)
103	1,3-Dichloropropane	76	7.415	7.409	(0.922)	78517	18.8175	19	
34	2-Hexanone	43	7.827	7.827	(0.974)	49219	19.0116	19	
26	Dibromochloromethane	129	7.309	7.309	(0.909)	56408	19.4870	19	
65	Butyl Acetate	43	7.768	7.768	(0.966)	184202	36.3317	36	
66	1,2-Dibromoethane	107	7.521	7.521	(0.936)	44251	18.3900	18	
* 32	Chlorobenzene-d5	117	8.039	8.038	(1.000)	299649	50.0000		
39	Chlorobenzene	112	8.056	8.056	(1.002)	141721	19.1415	19	
97	1,1,1,2-Tetrachloroethane	131	8.133	8.127	(1.012)	64509	19.9703	20	
40	Ethylbenzene	106	8.109	8.103	(1.009)	78682	20.3185	20	
43	m+p-Xylene	106	8.250	8.244	(1.026)	193813	39.7064	40	
44	o-Xylene	106	8.621	8.621	(1.072)	97031	19.3326	19	
42	Styrene	104	8.668	8.668	(1.078)	150100	19.9320	20	
147	Butyl Acrylate	55	8.833	8.832	(0.884)	103263	17.1939	17	
31	Bromoform	173	8.668	8.668	(1.078)	40422	20.4269	20	
110	Isopropylbenzene	105	8.897	8.897	(1.107)	294184	20.1884	20	
$ 41	Bromofluorobenzene (SUR)	174	9.115	9.115	(0.912)	169331	46.9897	47	
150	Camphene	93	8.980	8.974	(0.899)	109432	21.1653	21	
107	Bromobenzene	156	9.185	9.185	(0.919)	70647	18.4923	18	
36	1,1,2,2-Tetrachloroethane	83	9.309	9.309	(0.932)	68638	17.1189	17	
99	1,2,3-Trichloropropane	110	9.397	9.397	(0.941)	21730	18.9209	19	
143	trans-1,4-Dichloro-2-butene	53	9.444	9.444	(2.026)	21360	22.2534	22	
112	n-Propylbenzene	91	9.238	9.238	(0.925)	352395	19.1336	19	
105	2-Chlorotoluene	91	9.344	9.344	(0.935)	204160	18.2903	18	
106	4-Chlorotoluene	91	9.480	9.479	(0.949)	200710	18.4399	18	
102	1,3,5-Trimethylbenzene	105	9.409	9.409	(0.942)	249800	18.5667	18	
148	Butyl methacrylate	69	9.668	9.668	(0.968)	90506	15.5423	16	
115	tert-Butylbenzene	119	9.650	9.650	(0.966)	202411	18.5938	18	
100	1,2,4-Trimethylbenzene	105	9.703	9.703	(0.971)	260543	18.9128	19	
151	2-Octanone	43	10.115	10.109	(1.012)	110710	20.0961	20	
114	sec-Butylbenzene	105	9.785	9.785	(0.979)	334440	19.2634	19	
67	1,3-Dichlorobenzene	146	9.932	9.932	(0.994)	138553	19.1633	19	
153	2-Octanol	45	9.997	9.997	(1.001)	24973	19.0638	19	
* 91	1,4-Dichlorobenzene-d4	152	9.991	9.991	(1.000)	177875	50.0000		
68	1,4-Dichlorobenzene	146	10.003	10.003	(1.001)	140127	18.9067	19	
113	p-Isopropyltoluene	119	9.903	9.903	(0.991)	281912	19.5411	20	
69	1,2-Dichlorobenzene	146	10.315	10.315	(1.032)	143821	19.4160	19	
117	Benzyl chloride	126	10.197	10.197	(1.021)	24268	21.1407	21	
111	n-Butylbenzene	92	10.221	10.221	(1.023)	167053	20.0961	20	
101	1,2-Dibromo-3-chloropropane	75	10.903	10.903	(1.091)	16706	16.6712	17	
152	Camphor	95	11.615	11.615	(1.162)	34892	63.4599	63	
93	1,2,4-Trichlorobenzene	180	11.391	11.391	(1.140)	118991	17.6179	18	
94	Hexachlorobutadiene	225	11.379	11.379	(1.139)	79041	20.2003	20	
70	Naphthalene	128	11.644	11.644	(1.165)	267592	17.5433	18	

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/d12661.d
Report Date: 14-Sep-2011 05:01

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	98 1,2,3-Trichlorobenzene	180	11.791	11.791	(1.180)	123603	18.1880	18
M	45 Xylene (Total)	100				290844	59.0293	59

QC Flag Legend

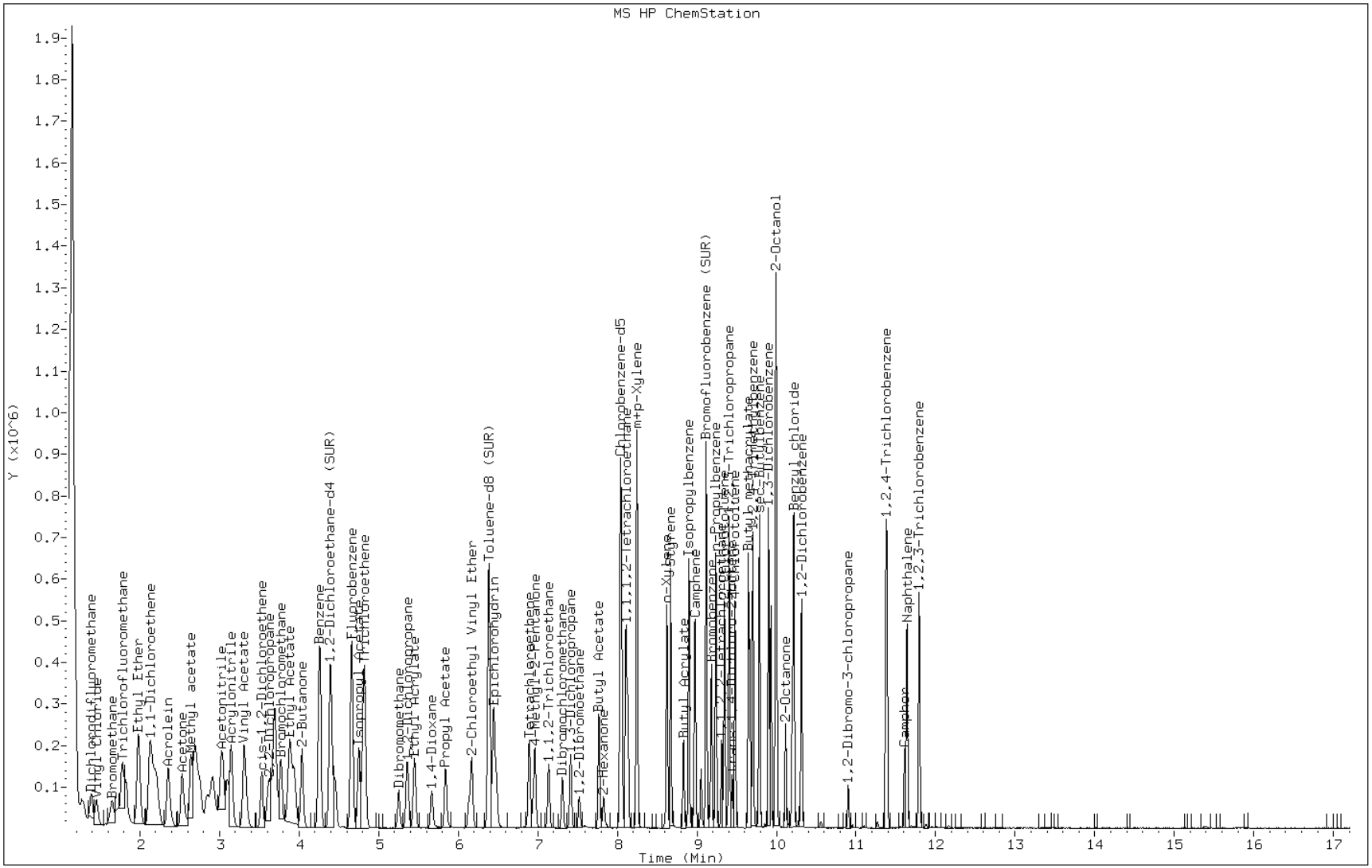
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: d12661.d

Date: 14-SEP-2011 04:49

Client ID: Instrument: VOAMS4.i

Sample Info: LCS Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-86112/3

Matrix: Solid | Lab File ID: j03691.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 2.5(mL) | Date Analyzed: 09/15/2011 05:04

Soil Aliquot Vol: 2.5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 86112 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1990		100	21
74-83-9	Bromomethane	2040		100	31
75-01-4	Vinyl chloride	1770		100	12
75-00-3	Chloroethane	2140		100	45
75-09-2	Methylene Chloride	1980		100	19
67-64-1	Acetone	1900		1000	250
75-15-0	Carbon disulfide	2020		100	15
75-69-4	Trichlorofluoromethane	2170		100	16
75-35-4	1,1-Dichloroethene	2100		100	14
75-34-3	1,1-Dichloroethane	2010		100	10
156-60-5	trans-1,2-Dichloroethene	2080		100	14
156-59-2	cis-1,2-Dichloroethene	2140		100	19
67-66-3	Chloroform	2040		100	16
78-93-3	2-Butanone	2230		1000	82
107-06-2	1,2-Dichloroethane	2060		100	25
71-55-6	1,1,1-Trichloroethane	2080		100	25
56-23-5	Carbon tetrachloride	2110		100	18
71-43-2	Benzene	2010		100	12
75-25-2	Bromoform	2020		100	9.9
100-42-5	Styrene	1970		100	14
100-41-4	Ethylbenzene	2070		100	25
108-90-7	Chlorobenzene	2020		100	17
110-82-7	Cyclohexane	2070		100	12
98-82-8	Isopropylbenzene	2050		100	21
591-78-6	2-Hexanone	1880		1000	55
1634-04-4	MTBE	1980		100	19
76-13-1	Freon TF	2170		100	29
79-20-9	Methyl acetate	1870		200	33
123-91-1	1,4-Dioxane	13500		5000	850
79-01-6	Trichloroethene	1950		100	18
108-88-3	Toluene	1940		100	9.5
10061-02-6	trans-1,3-Dichloropropene	1970		100	12
108-10-1	4-Methyl-2-pentanone	1850		1000	68
10061-01-5	cis-1,3-Dichloropropene	2020		100	10
95-50-1	1,2-Dichlorobenzene	2040		100	16
541-73-1	1,3-Dichlorobenzene	2050		100	23

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-86112/3

Matrix: Solid Lab File ID: j03691.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 2.5(mL) Date Analyzed: 09/15/2011 05:04

Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.53(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 86112 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	2080		100	15
120-82-1	1,2,4-Trichlorobenzene	2080		100	44
87-61-6	1,2,3-Trichlorobenzene	1650		100	83
78-87-5	1,2-Dichloropropane	2040		100	8.7
108-87-2	Methylcyclohexane	2130		100	8.0
127-18-4	Tetrachloroethene	2050		100	20
1330-20-7	Xylenes, Total	6070		300	43
96-12-8	1,2-Dibromo-3-Chloropropane	1680		100	15
79-34-5	1,1,2,2-Tetrachloroethane	2030		100	8.6
79-00-5	1,1,2-Trichloroethane	1980		100	9.7
124-48-1	Dibromochloromethane	1930		100	10
106-93-4	1,2-Dibromoethane	1980		100	9.1
75-71-8	Dichlorodifluoromethane	2290		100	28
74-97-5	Bromochloromethane	2040		100	17
75-27-4	Bromodichloromethane	1970		100	9.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		57-135
2037-26-5	Toluene-d8 (Surr)	94		46-130
460-00-4	Bromofluorobenzene	96		50-124

Data File: /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03691.d
Report Date: 15-Sep-2011 05:26

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03691.d
Lab Smp Id: LCS
Inj Date : 15-SEP-2011 05:04
Operator : Inst ID: VOAMS8.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/8260_09.m
Meth Date : 15-Sep-2011 04:53 audberto Quant Type: ISTD
Cal Date : 14-SEP-2011 06:22 Cal File: j03643.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	2.592	2.553	(0.329)	512043	22.8823	2300
3 Chloromethane	50	2.749	2.728	(0.349)	322437	19.9379	2000
4 Vinyl Chloride	62	2.929	2.912	(0.371)	332786	17.6852	1800
6 Bromomethane	94	3.314	3.286	(0.420)	308569	20.3967	2000
5 Chloroethane	64	3.430	3.406	(0.435)	195866	21.4105	2100
7 Trichlorofluoromethane	101	3.760	3.695	(0.477)	673369	21.7202	2200
8 n-Pentane	72	3.806	3.759	(0.483)	35338	22.2030	2200
9 Ethanol	46	3.944	3.934	(0.500)	120364	3142.92	310000
10 Isoprene	67	4.081	4.053	(0.518)	315501	21.3821	2100
11 Ethyl Ether	59	4.035	4.007	(0.512)	230911	19.9165	2000
13 Acrolein	56	4.229	4.182	(0.536)	70655	41.6329	4200
15 1,1-Dichloroethene	96	4.337	4.299	(0.550)	303148	21.0135	2100
14 Freon TF	101	4.347	4.318	(0.551)	574912	21.6920	2200
16 Acetone	58	4.402	4.364	(0.558)	18373	18.9521	1900

Data File: /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03691.d
Report Date: 15-Sep-2011 05:26

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	17 Iodomethane	142	4.540	4.509	(0.576)	880963	20.6520	2100
	18 Carbon Disulfide	76	4.620	4.592	(0.586)	881871	20.1654	2000
	21 Acetonitrile	39	4.740	4.721	(0.601)	64193	398.712	40000
	27 Methyl Acetate	74	4.749	4.721	(0.602)	64154	18.6921	1900
	22 Methylene Chloride	84	4.896	4.867	(0.621)	355927	19.8391	2000
	24 TBA	59	4.970	4.959	(0.630)	431215	375.484	38000
	25 trans-1,2-Dichloroethene	96	5.205	5.179	(0.660)	367444	20.8229	2100
	26 Acrylonitrile	53	5.197	5.161	(0.659)	69846	20.2266	2000
	28 MTBE	73	5.179	5.151	(0.657)	862890	19.7532	2000
	29 Hexane	56	5.488	5.471	(0.696)	131021	20.4885	2000
	30 1,1-Dichloroethane	63	5.707	5.690	(0.724)	677946	20.0944	2000
	31 Vinyl Acetate	43	5.726	5.708	(0.726)	1004100	20.7502	2100
	32 DIPE	45	5.726	5.708	(0.726)	1479757	20.2773	2000
	35 t-Butyl-ethyl-ether	59	6.176	6.153	(0.783)	1154772	19.8955	2000
	37 2,2-Dichloropropane	77	6.421	6.400	(0.814)	563092	22.9545	2300
	36 cis-1,2-Dichloroethene	96	6.421	6.391	(0.814)	391776	21.3776	2100
	38 2-Butanone	72	6.413	6.391	(0.813)	28987	22.2985	2200
	39 Ethyl Acetate	70	6.448	6.437	(0.818)	66108	38.6219	3900
	40 Bromochloromethane	128	6.733	6.703	(0.854)	247771	20.4361	2000
	41 Tetrahydrofuran	42	6.770	6.768	(0.858)	79007	21.9052	2200
	42 Chloroform	83	6.807	6.777	(0.863)	708250	20.4126	2000
	43 1,1,1-Trichloroethane	97	7.062	7.044	(0.895)	584997	20.7810	2100
	44 Cyclohexane	56	7.136	7.117	(0.905)	361474	20.7129	2100
	45 Carbon Tetrachloride	117	7.274	7.253	(0.922)	534862	21.0555	2100
	46 1,1-Dichloropropene	75	7.265	7.244	(0.921)	508528	20.5615	2000
$	47 1,2-Dichloroethane-d4 (SUR)	65	7.477	7.452	(0.948)	723718	49.3326	4900
	48 Benzene	78	7.550	7.532	(0.666)	1010188	20.1356	2000
	49 1,2-Dichloroethane	62	7.569	7.550	(0.960)	395653	20.6409	2100
	51 n-Heptane	57	7.787	7.789	(0.987)	103909	19.8067	2000
	50 t-Amyl-methyl-ether	73	7.631	7.615	(0.968)	979140	20.1500	2000
*	52 Fluorobenzene	96	7.887	7.862	(1.000)	2463067	50.0000	
	54 Trichloroethene	95	8.329	8.304	(1.056)	388104	19.5464	2000
	53 n-Butanol	43	8.171	8.162	(1.036)	241060	1414.51	140000
	56 Methyl cyclohexane	83	8.569	8.549	(1.086)	271828	21.3068	2100
	55 Ethyl Acrylate	55	8.403	8.385	(1.065)	400940	18.3753	1800
	57 1,2-Dichloropropane	63	8.623	8.604	(1.093)	415930	20.4185	2000
	58 Dibromomethane	93	8.762	8.749	(1.111)	324249	19.3845	1900
	60 1,4-Dioxane	88	8.762	8.749	(1.111)	18401	134.890	13000(a)
	59 Methyl Methacrylate	100	8.697	8.669	(1.103)	92798	19.7174	2000
	75 Propyl Acetate	43	8.743	8.731	(1.109)	992537	39.2931	3900
	68 Bromodichloromethane	83	8.926	8.914	(1.132)	672006	19.6768	2000
	62 2-Chloroethyl Vinyl Ether	63	9.241	9.225	(1.172)	189806	17.2868	1700
	63 Epichlorohydrin	57	9.340	9.326	(0.824)	583531	380.508	38000
	67 cis-1,3-Dichloropropene	75	9.431	9.418	(0.832)	622905	20.1707	2000
	70 4-Methyl-2-Pentanone	43	9.586	9.574	(0.846)	315562	18.4866	1800
$	65 Toluene-d8 (SUR)	98	9.746	9.730	(0.860)	1900807	47.0264	4700
	66 Toluene	91	9.819	9.804	(0.866)	1021245	19.3883	1900

Data File: /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03691.d
Report Date: 15-Sep-2011 05:26

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	64 trans-1,3-Dichloropropene	75	10.050	10.042	(0.887)	502438	19.6539	2000
	69 1,1,2-Trichloroethane	83	10.275	10.259	(0.906)	291713	19.7533	2000
	71 Tetrachloroethene	166	10.433	10.425	(0.920)	367046	20.4841	2000
	72 1,3-Dichloropropane	76	10.460	10.453	(0.923)	540634	19.3009	1900
	73 2-Hexanone	43	10.507	10.508	(0.927)	182657	18.8324	1900
	74 Dibromochloromethane	129	10.727	10.710	(0.946)	538631	19.2764	1900
	76 Butyl Acetate	73	10.621	10.609	(0.937)	188668	36.1831	3600
	77 1,2-Dibromoethane	107	10.872	10.856	(0.959)	485378	19.7736	2000
*	78 Chlorobenzene-d5	117	11.336	11.328	(1.000)	1792160	50.0000	
	79 Chlorobenzene	112	11.371	11.365	(1.003)	734486	20.2258	2000
	80 1,1,1,2-Tetrachloroethane	131	11.449	11.438	(1.010)	416403	20.7123	2100
	81 Ethylbenzene	106	11.458	11.448	(1.011)	306830	20.7462	2100
	82 m+p-Xylene	106	11.573	11.568	(1.021)	808738	40.7620	4100
	84 o-Xylene	106	11.988	11.984	(1.058)	394534	19.9677	2000
	85 Styrene	104	12.006	11.993	(1.059)	692027	19.7462	2000
	83 Butyl Acrylate	73	11.882	11.874	(1.048)	262983	17.7809	1800
	86 Bromoform	173	12.234	12.229	(1.079)	384693	20.1807	2000
	87 Amyl Acetate	43	12.110	12.103	(0.879)	408517	18.4960	1800
	88 Isopropylbenzene	105	12.347	12.338	(1.089)	926067	20.5234	2000
$	89 Bromofluorobenzene (SUR)	174	12.536	12.529	(0.910)	884249	47.7587	4800
	90 Camphene (total)	41	12.640	12.639	(1.115)	67998	17.1185	1700
	91 Bromobenzene	156	12.717	12.708	(0.924)	378545	19.9115	2000
	92 1,1,2,2-Tetrachloroethane	83	12.657	12.657	(0.919)	481305	20.3447	2000
	93 1,2,3-Trichloropropane	110	12.717	12.717	(0.924)	122748	18.8949	1900
	94 trans-1,4-Dichloro-2-butene	53	12.700	12.700	(0.922)	86556	17.2144	1700
	95 n-Propylbenzene	91	12.769	12.760	(0.927)	1021095	20.7497	2100
	96 2-Chlorotoluene	91	12.890	12.883	(0.936)	700062	22.8448	2300
	97 1,3,5-Trimethylbenzene	105	12.933	12.920	(0.939)	693771	20.4100	2000
	98 4-Chlorotoluene	91	13.002	12.993	(0.944)	867859	20.0617	2000
	99 Butyl Methacrylate	87	12.968	12.966	(0.942)	507896	18.9656	1900
	100 tert-Butylbenzene	119	13.299	13.286	(0.966)	707582	19.9272	2000
	101 1,2,4-Trimethylbenzene	105	13.343	13.332	(0.969)	717810	19.9661	2000
	102 2-Octanone	43	13.395	13.388	(0.973)	483001	16.7607	1700
	103 sec-Butylbenzene	105	13.527	13.524	(0.982)	877503	20.1879	2000
	105 1,3-Dichlorobenzene	146	13.702	13.698	(0.995)	482553	20.4645	2000
	107 p-Isopropyltoluene	119	13.667	13.661	(0.992)	726987	19.9697	2000
*	108 1,4-Dichlorobenzene-d4	152	13.771	13.760	(1.000)	820657	50.0000	
	109 1,4-Dichlorobenzene	146	13.798	13.797	(1.002)	621859	20.7706	2100
	110 Benzyl Chloride	91	13.947	13.935	(1.013)	585006	21.9088	2200
	106 n-Butylbenzene	91	14.134	14.128	(1.026)	644624	20.4540	2000
	111 1,2-Dichlorobenzene	146	14.239	14.238	(1.034)	518671	20.4004	2000
	112 1,2-Dibromo-3-chloropropane	75	15.217	15.200	(1.105)	82234	16.7546	1700
	113 Camphor	95	16.265	16.259	(1.181)	181345	92.3687	9200
	114 1,2,4-Trichlorobenzene	180	16.405	16.393	(1.191)	259933	20.8232	2100
	115 Hexachlorobutadiene	225	16.609	16.606	(1.206)	220624	13.8578	1400
	116 Naphthalene	128	16.847	16.838	(1.223)	442261	20.1425	2000
	117 1,2,3-Trichlorobenzene	180	17.264	17.269	(1.254)	225373	16.5304	1600

Data File: /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03691.d
Report Date: 15-Sep-2011 05:26

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
M 120 1,2-Dichloroethene (Total)	100				759220	42.2109	4200
M 121 Xylene (Total)	100				1203273	60.7297	6100

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: j03691.d

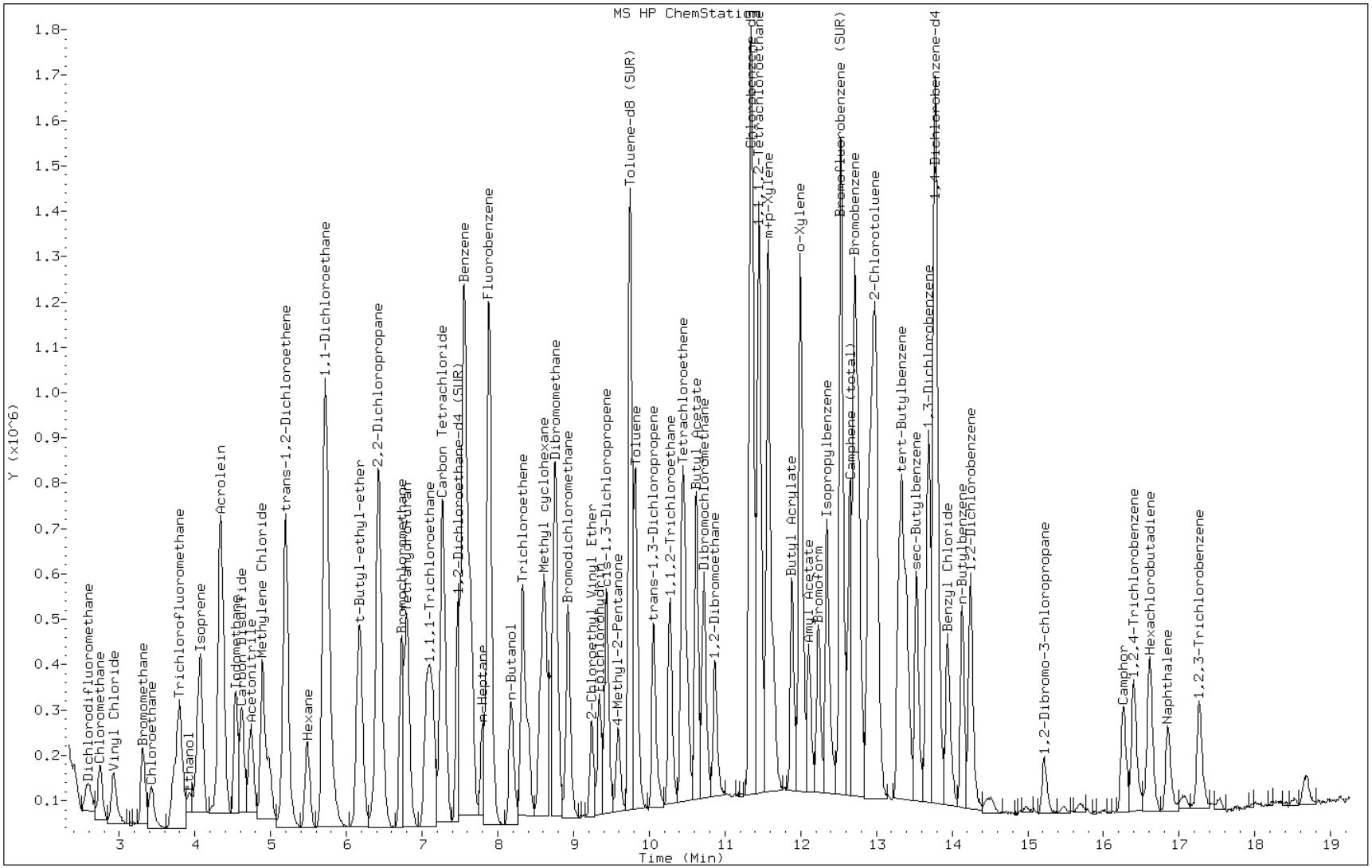
Date: 15-SEP-2011 05:04

Client ID:

Instrument: VOAMS8.i

Sample Info: LCS

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-86290/23

Matrix: Solid Lab File ID: d12739.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/15/2011 19:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 86290 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	21.2		1.0	0.63
74-83-9	Bromomethane	19.4		1.0	0.41
75-01-4	Vinyl chloride	22.7		1.0	0.23
75-00-3	Chloroethane	20.0		1.0	0.40
75-09-2	Methylene Chloride	24.8		1.0	0.47
67-64-1	Acetone	30.0		10	3.7
75-15-0	Carbon disulfide	20.7		1.0	0.47
75-69-4	Trichlorofluoromethane	18.6		1.0	0.26
75-35-4	1,1-Dichloroethene	21.4		1.0	0.37
75-34-3	1,1-Dichloroethane	22.0		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	21.7		1.0	0.28
156-59-2	cis-1,2-Dichloroethene	22.2		1.0	0.24
67-66-3	Chloroform	20.6		1.0	0.24
78-93-3	2-Butanone	22.7		10	0.57
107-06-2	1,2-Dichloroethane	20.2		1.0	0.39
71-55-6	1,1,1-Trichloroethane	21.2		1.0	0.19
56-23-5	Carbon tetrachloride	21.4		1.0	0.10
71-43-2	Benzene	21.3		1.0	0.74
75-25-2	Bromoform	20.4		1.0	0.70
100-42-5	Styrene	20.8		1.0	0.35
100-41-4	Ethylbenzene	20.8		1.0	0.19
108-90-7	Chlorobenzene	20.4		1.0	0.48
110-82-7	Cyclohexane	26.0		1.0	0.22
98-82-8	Isopropylbenzene	21.2		1.0	0.26
591-78-6	2-Hexanone	21.2		10	1.7
1634-04-4	MTBE	21.4		1.0	0.34
76-13-1	Freon TF	24.4		1.0	0.48
79-20-9	Methyl acetate	17.2		1.0	0.90
123-91-1	1,4-Dioxane	150		50	4.2
79-01-6	Trichloroethene	20.9		1.0	0.36
108-88-3	Toluene	21.7		1.0	0.30
10061-02-6	trans-1,3-Dichloropropene	19.8		1.0	0.22
108-10-1	4-Methyl-2-pentanone	18.9		10	0.72
10061-01-5	cis-1,3-Dichloropropene	20.3		1.0	0.20
95-50-1	1,2-Dichlorobenzene	20.0		1.0	0.64
541-73-1	1,3-Dichlorobenzene	20.3		1.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-86290/23

Matrix: Solid | Lab File ID: d12739.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/15/2011 19:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 86290 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	20.1		1.0	0.71
120-82-1	1,2,4-Trichlorobenzene	19.3		1.0	0.54
87-61-6	1,2,3-Trichlorobenzene	19.0		1.0	0.65
78-87-5	1,2-Dichloropropane	20.4		1.0	0.32
108-87-2	Methylcyclohexane	23.4		1.0	0.27
127-18-4	Tetrachloroethene	21.0		1.0	0.33
1330-20-7	Xylenes, Total	62.1		3.0	0.79
96-12-8	1,2-Dibromo-3-Chloropropane	17.4		1.0	0.61
79-34-5	1,1,2,2-Tetrachloroethane	19.3		1.0	0.76
79-00-5	1,1,2-Trichloroethane	19.9		1.0	0.59
124-48-1	Dibromochloromethane	19.6		1.0	0.56
106-93-4	1,2-Dibromoethane	18.8		1.0	0.52
75-71-8	Dichlorodifluoromethane	20.6		1.0	0.41
74-97-5	Bromochloromethane	21.5		1.0	0.27
75-27-4	Bromodichloromethane	20.1		1.0	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		70-138
2037-26-5	Toluene-d8 (Surr)	99		66-126
460-00-4	Bromofluorobenzene	95		72-132

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/d12739.d
Report Date: 16-Sep-2011 13:12

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/d12739.d
Lab Smp Id: LCS
Inj Date : 15-SEP-2011 19:42
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/8260L_10.m
Meth Date : 15-Sep-2011 18:45 ken Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.d
Als bottle: 4 QC Sample: LCS
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)
M 14	1,2-Dichloroethene (total)	100				172695	43.8210	44
90	Dichlorodifluoromethane	85	1.274	1.280	(0.274)	111554	20.6251	21
1	Chloromethane	50	1.386	1.392	(0.298)	124998	21.1803	21
4	Vinyl Chloride	62	1.445	1.456	(0.310)	116258	22.6931	23
3	Bromomethane	94	1.645	1.656	(0.353)	58732	19.4004	19
5	Chloroethane	64	1.715	1.715	(0.368)	62004	20.0498	20
9	Trichlorofluoromethane	101	1.821	1.833	(0.391)	166663	18.6228	19
121	n-Pentane	72	1.768	1.786	(0.380)	14937	30.1104	30(R)
46	Ethyl Ether	59	1.992	1.992	(0.428)	67886	23.6863	24
119	Isoprene	67	1.974	1.980	(0.424)	117763	25.5431	26(R)
47	Acrolein	56	2.350	2.356	(0.505)	190753	246.117	250
10	1,1-Dichloroethene	96	2.109	2.121	(0.453)	67557	21.4249	21
48	Freon TF	101	2.180	2.186	(0.468)	93261	24.3757	24
7	Acetone	43	2.574	2.574	(0.553)	45558	29.9516	30

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/d12739.d
Report Date: 16-Sep-2011 13:12

		QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/Kg)
142	Iodomethane	142	2.215	2.221	(0.476)	139738	21.9204	22
8	Carbon Disulfide	76	2.133	2.139	(0.458)	246631	20.6966	21
50	Acetonitrile	41	2.909	2.915	(0.625)	354029	426.262	430
125	Methyl acetate	74	2.662	2.662	(0.572)	16174	17.1936	17
6	Methylene Chloride	84	2.521	2.533	(0.541)	96111	24.7749	25
51	TBA	59	2.845	2.856	(0.611)	229555	397.178	400
52	Acrylonitrile	53	3.144	3.150	(0.675)	256411	154.342	150
12	trans-1,2-Dichloroethene	96	2.633	2.639	(0.565)	83005	21.6587	22
53	MTBE	73	2.739	2.745	(0.588)	277098	21.3578	21
54	Hexane	56	2.686	2.692	(0.577)	85798	26.4177	26(R)
11	1,1-Dichloroethane	63	3.092	3.097	(0.664)	171904	22.0009	22
57	Vinyl Acetate	43	3.303	3.309	(0.709)	213385	30.1904	30(R)
55	DIPE	45	3.021	3.033	(0.649)	356509	22.1488	22
149	tert-Butyl ethyl ether	59	3.303	3.309	(0.709)	301691	21.8947	22
104	2,2-Dichloropropane	77	3.615	3.633	(0.776)	154458	22.9090	23
13	cis-1,2-Dichloroethene	96	3.527	3.533	(0.757)	89690	22.1623	22
18	2-Butanone	43	4.039	4.044	(0.867)	57068	22.6754	23
56	Ethyl Acetate	70	3.874	3.886	(0.832)	15197	37.2140	37
108	Bromochloromethane	128	3.686	3.692	(0.792)	42349	21.4892	21
15	Chloroform	83	3.762	3.768	(0.808)	168073	20.6499	21
20	1,1,1-Trichloroethane	97	3.927	3.933	(0.843)	164242	21.1613	21
59	Cyclohexane	56	3.692	3.692	(0.793)	185044	26.0045	26(R)
21	Carbon Tetrachloride	117	3.862	3.874	(0.829)	157136	21.4041	21
92	1,1-Dichloropropene	75	4.027	4.033	(0.865)	119078	22.2013	22
$ 16	1,2-Dichloroethane-d4 (SUR)	65	4.386	4.392	(0.942)	238240	46.9816	47
28	Benzene	78	4.250	4.262	(0.913)	310148	21.3374	21
17	1,2-Dichloroethane	62	4.444	4.450	(0.955)	132934	20.2175	20
61	Isopropyl Acetate	43	4.744	4.744	(1.019)	358214	41.1666	41
159	Methacrylonitrile	67	4.386	4.392	(0.942)	114460		(a)
140	tert-Amylmethyl Ether	73	4.397	4.403	(0.944)	242604	21.8893	22
* 69	Fluorobenzene	96	4.656	4.656	(1.000)	532393	50.0000	
62	n-Heptane	57	4.244	4.244	(0.528)	74182	24.2403	24
25	Trichloroethene	95	4.821	4.821	(1.035)	79765	20.8594	21
96	Ethyl Acrylate	55	5.433	5.439	(1.167)	82413	19.1228	19
126	Methyl cyclohexane	83	4.803	4.815	(1.032)	155189	23.3857	23
23	1,2-Dichloropropane	63	5.350	5.356	(1.149)	81235	20.4069	20
109	Dibromomethane	93	5.244	5.250	(1.126)	49408	19.5174	20
95	1,4-Dioxane	88	5.674	5.674	(1.219)	7161	149.951	150
146	Methyl methacrylate	69	5.650	5.662	(1.213)	40790	18.3024	18
64	Propyl Acetate	43	5.833	5.838	(1.253)	218520	32.4940	32
22	Bromodichloromethane	83	5.438	5.444	(1.168)	110080	20.1336	20
30	2-Chloroethyl Vinyl Ether	63	6.127	6.133	(1.316)	33257	17.4093	17
118	Epichlorohydrin	57	6.468	6.474	(1.389)	136843	362.481	360
24	cis-1,3-Dichloropropene	75	6.156	6.168	(1.322)	114051	20.2626	20
33	4-Methyl-2-Pentanone	43	6.938	6.944	(1.490)	90047	18.9229	19
$ 37	Toluene-d8 (SUR)	98	6.374	6.380	(0.793)	525355	49.2915	49
38	Toluene	91	6.433	6.438	(0.801)	304869	21.7318	22

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/d12739.d
Report Date: 16-Sep-2011 13:12

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
29	trans-1,3-Dichloropropene	75	6.962	6.962	(0.867)	99674	19.7861	20
27	1,1,2-Trichloroethane	83	7.127	7.133	(0.887)	48732	19.8517	20
35	Tetrachloroethene	166	6.885	6.885	(0.857)	81574	20.9890	21
160	Ethyl methacrylate	69	6.944	6.938	(1.491)	737		(a)
103	1,3-Dichloropropane	76	7.403	7.409	(0.922)	100116	19.7508	20
34	2-Hexanone	43	7.821	7.821	(0.974)	66554	21.1613	21
26	Dibromochloromethane	129	7.303	7.303	(0.909)	68968	19.6127	20
65	Butyl Acetate	43	7.762	7.768	(0.966)	244067	39.6266	40
66	1,2-Dibromoethane	107	7.515	7.521	(0.936)	55050	18.8319	19
* 32	Chlorobenzene-d5	117	8.032	8.038	(1.000)	364020	50.0000	
39	Chlorobenzene	112	8.050	8.050	(1.002)	183900	20.4461	20
97	1,1,1,2-Tetrachloroethane	131	8.121	8.127	(1.011)	79177	20.1767	20
40	Ethylbenzene	106	8.103	8.103	(1.009)	97974	20.8264	21
43	m+p-Xylene	106	8.238	8.244	(1.026)	243899	41.1317	41
44	o-Xylene	106	8.615	8.615	(1.072)	127843	20.9673	21
42	Styrene	104	8.668	8.668	(1.079)	190537	20.8275	21
147	Butyl Acrylate	55	8.826	8.827	(0.884)	142482	20.6309	21
31	Bromoform	173	8.662	8.668	(1.078)	48988	20.3780	20
110	Isopropylbenzene	105	8.891	8.897	(1.107)	374848	21.1751	21
$ 41	Bromofluorobenzene (SUR)	174	9.109	9.115	(0.912)	196410	47.3978	47
150	Camphene	93	8.974	8.974	(0.899)	162411	27.3165	27
107	Bromobenzene	156	9.179	9.179	(0.919)	83324	18.9668	19
36	1,1,2,2-Tetrachloroethane	83	9.309	9.309	(0.932)	88831	19.2663	19
99	1,2,3-Trichloropropane	110	9.391	9.391	(0.940)	25469	19.2849	19
143	trans-1,4-Dichloro-2-butene	53	9.438	9.444	(2.027)	28786	23.5493	24
112	n-Propylbenzene	91	9.232	9.238	(0.925)	441749	20.8579	21
105	2-Chlorotoluene	91	9.338	9.344	(0.935)	255359	19.8943	20
106	4-Chlorotoluene	91	9.473	9.479	(0.949)	251530	20.0959	20
102	1,3,5-Trimethylbenzene	105	9.403	9.403	(0.942)	313734	20.2783	20
148	Butyl methacrylate	69	9.662	9.662	(0.968)	116052	17.3307	17
115	tert-Butylbenzene	119	9.644	9.644	(0.966)	254773	20.3524	20
100	1,2,4-Trimethylbenzene	105	9.703	9.703	(0.972)	322162	20.3366	20
151	2-Octanone	43	10.109	10.109	(1.012)	137677	21.7326	22
114	sec-Butylbenzene	105	9.779	9.779	(0.979)	415702	20.8221	21
67	1,3-Dichlorobenzene	146	9.926	9.926	(0.994)	169178	20.3482	20
153	2-Octanol	45	9.991	9.991	(1.001)	25678	17.0457	17
* 91	1,4-Dichlorobenzene-d4	152	9.985	9.991	(1.000)	204544	50.0000	
68	1,4-Dichlorobenzene	146	9.997	9.997	(1.001)	170885	20.0505	20
113	p-Isopropyltoluene	119	9.897	9.903	(0.991)	344554	20.7692	21
69	1,2-Dichlorobenzene	146	10.309	10.309	(1.032)	170562	20.0239	20
117	Benzyl chloride	126	10.197	10.197	(1.021)	28360	21.4840	21
111	n-Butylbenzene	92	10.215	10.215	(1.023)	196835	20.5914	20
101	1,2-Dibromo-3-chloropropane	75	10.903	10.903	(1.092)	20107	17.4489	17
152	Camphor	95	11.609	11.609	(1.163)	40063	63.3630	63
93	1,2,4-Trichlorobenzene	180	11.385	11.391	(1.140)	150101	19.3264	19
94	Hexachlorobutadiene	225	11.373	11.373	(1.139)	86337	19.1879	19
70	Naphthalene	128	11.638	11.638	(1.166)	327970	18.6982	19

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/d12739.d
Report Date: 16-Sep-2011 13:12

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	98 1,2,3-Trichlorobenzene	180	11.785	11.791	(1.180)	148593	19.0144	19
M	45 Xylene (Total)	100				371742	62.1064	62

QC Flag Legend

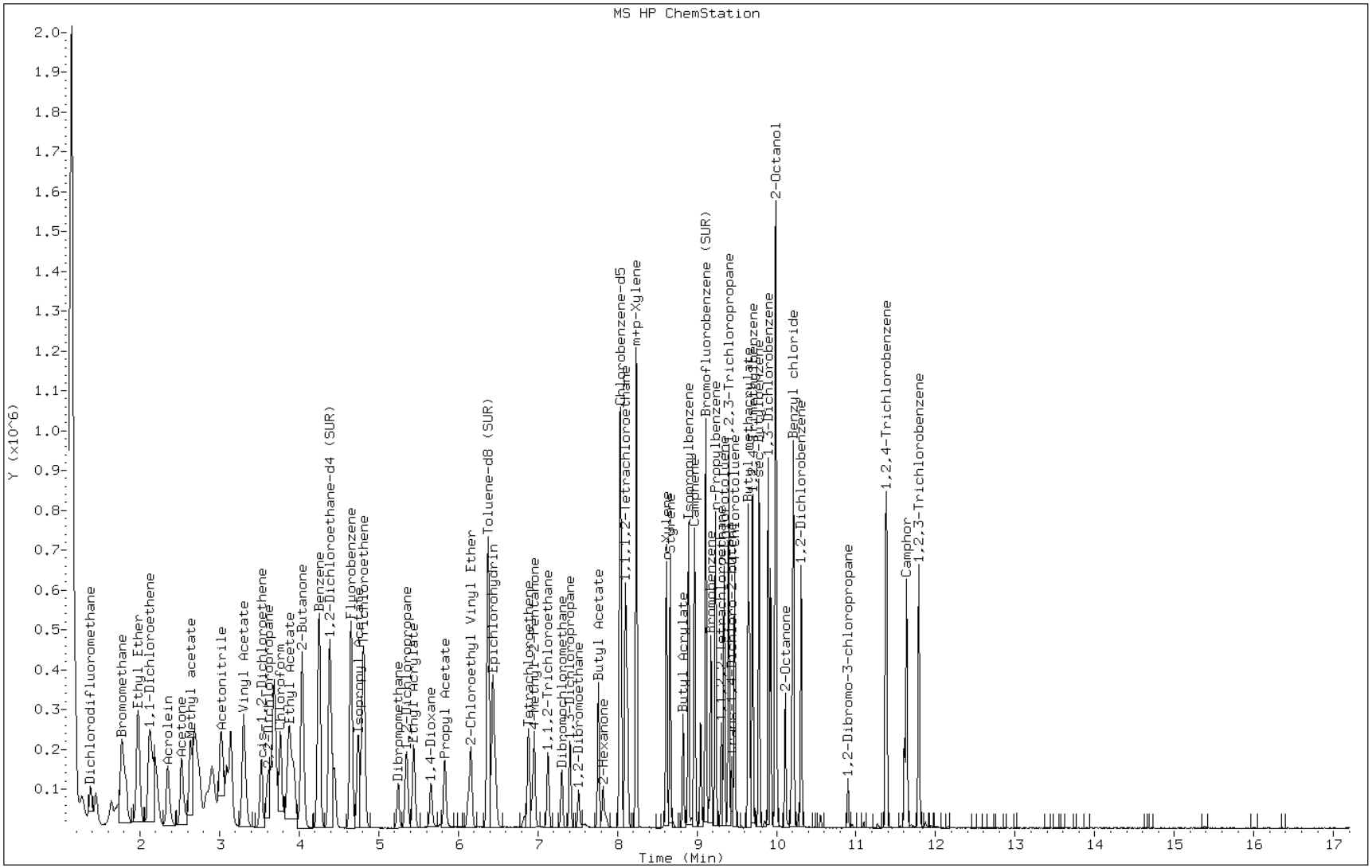
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: d12739.d

Date: 15-SEP-2011 19:42

Client ID: Instrument: VOAMS4.i

Sample Info: LCS Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-86306/3

Matrix: Solid Lab File ID: d12764.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/16/2011 06:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 86306 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	20.1		1.0	0.63
74-83-9	Bromomethane	19.7		1.0	0.41
75-01-4	Vinyl chloride	22.4		1.0	0.23
75-00-3	Chloroethane	19.9		1.0	0.40
75-09-2	Methylene Chloride	22.1		1.0	0.47
67-64-1	Acetone	27.2		10	3.7
75-15-0	Carbon disulfide	18.3		1.0	0.47
75-69-4	Trichlorofluoromethane	22.1		1.0	0.26
75-35-4	1,1-Dichloroethene	20.7		1.0	0.37
75-34-3	1,1-Dichloroethane	20.2		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	19.8		1.0	0.28
156-59-2	cis-1,2-Dichloroethene	19.4		1.0	0.24
67-66-3	Chloroform	19.3		1.0	0.24
78-93-3	2-Butanone	18.2		10	0.57
107-06-2	1,2-Dichloroethane	20.1		1.0	0.39
71-55-6	1,1,1-Trichloroethane	19.8		1.0	0.19
56-23-5	Carbon tetrachloride	20.7		1.0	0.10
71-43-2	Benzene	18.9		1.0	0.74
75-25-2	Bromoform	19.1		1.0	0.70
100-42-5	Styrene	17.8		1.0	0.35
100-41-4	Ethylbenzene	18.6		1.0	0.19
108-90-7	Chlorobenzene	17.7		1.0	0.48
110-82-7	Cyclohexane	21.6		1.0	0.22
98-82-8	Isopropylbenzene	18.4		1.0	0.26
591-78-6	2-Hexanone	18.3		10	1.7
1634-04-4	MTBE	18.8		1.0	0.34
76-13-1	Freon TF	24.0		1.0	0.48
79-20-9	Methyl acetate	18.4		1.0	0.90
123-91-1	1,4-Dioxane	142		50	4.2
79-01-6	Trichloroethene	19.1		1.0	0.36
108-88-3	Toluene	18.0		1.0	0.30
10061-02-6	trans-1,3-Dichloropropene	18.3		1.0	0.22
108-10-1	4-Methyl-2-pentanone	17.1		10	0.72
10061-01-5	cis-1,3-Dichloropropene	17.6		1.0	0.20
95-50-1	1,2-Dichlorobenzene	17.3		1.0	0.64
541-73-1	1,3-Dichlorobenzene	17.7		1.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-86306/3

Matrix: Solid | Lab File ID: d12764.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/16/2011 06:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 86306 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	17.5		1.0	0.71
120-82-1	1,2,4-Trichlorobenzene	16.7		1.0	0.54
87-61-6	1,2,3-Trichlorobenzene	16.7		1.0	0.65
78-87-5	1,2-Dichloropropane	17.8		1.0	0.32
108-87-2	Methylcyclohexane	20.9		1.0	0.27
127-18-4	Tetrachloroethene	18.7		1.0	0.33
1330-20-7	Xylenes, Total	54.1		3.0	0.79
96-12-8	1,2-Dibromo-3-Chloropropane	16.4		1.0	0.61
79-34-5	1,1,2,2-Tetrachloroethane	17.0		1.0	0.76
79-00-5	1,1,2-Trichloroethane	18.0		1.0	0.59
124-48-1	Dibromochloromethane	18.1		1.0	0.56
106-93-4	1,2-Dibromoethane	17.1		1.0	0.52
75-71-8	Dichlorodifluoromethane	21.3		1.0	0.41
74-97-5	Bromochloromethane	20.4		1.0	0.27
75-27-4	Bromodichloromethane	18.6		1.0	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		70-138
2037-26-5	Toluene-d8 (Surr)	98		66-126
460-00-4	Bromofluorobenzene	96		72-132

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/16sep11.b/d12764.d
Report Date: 16-Sep-2011 06:56

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/16sep11.b/d12764.d
Lab Smp Id: LCS
Inj Date : 16-SEP-2011 06:43
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260L_10/09-03-11/16sep11.b/8260L_10.m
Meth Date : 16-Sep-2011 06:01 audberto Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.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)
M 14	1,2-Dichloroethene (total)	100				117976	39.1177	39
90	Dichlorodifluoromethane	85	1.269	1.269	(0.273)	88127	21.2783	21
1	Chloromethane	50	1.381	1.375	(0.297)	90896	20.1137	20
4	Vinyl Chloride	62	1.446	1.446	(0.311)	87900	22.4066	22
3	Bromomethane	94	1.646	1.646	(0.354)	45611	19.6753	20
5	Chloroethane	64	1.704	1.699	(0.367)	47141	19.9072	20
9	Trichlorofluoromethane	101	1.816	1.816	(0.391)	151568	22.1172	22
121	n-Pentane	72	1.763	1.769	(0.380)	12275	32.3139	32(R)
46	Ethyl Ether	59	1.987	1.987	(0.428)	49331	22.4778	22
119	Isoprene	67	1.963	1.969	(0.423)	84620	23.9693	24
47	Acrolein	56	2.346	2.352	(0.505)	178345	300.502	300
10	1,1-Dichloroethene	96	2.110	2.110	(0.454)	50006	20.7103	21
48	Freon TF	101	2.175	2.175	(0.468)	70257	23.9808	24
7	Acetone	43	2.563	2.563	(0.552)	31672	27.1927	27

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/16sep11.b/d12764.d
Report Date: 16-Sep-2011 06:56

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
142	Iodomethane	142	2.216	2.210	(0.477)	98253	20.1278	20
8	Carbon Disulfide	76	2.128	2.128	(0.458)	166916	18.2921	18
50	Acetonitrile	41	2.910	2.904	(0.626)	255862	402.308	400
125	Methyl acetate	74	2.651	2.652	(0.571)	13223	18.3572	18
6	Methylene Chloride	84	2.516	2.516	(0.542)	65661	22.1036	22
51	TBA	59	2.845	2.834	(0.613)	177426	400.895	400
52	Acrylonitrile	53	3.134	3.134	(0.675)	211434	166.203	170
12	trans-1,2-Dichloroethene	96	2.628	2.634	(0.566)	57993	19.7615	20
53	MTBE	73	2.728	2.734	(0.587)	186331	18.7553	19
54	Hexane	56	2.681	2.681	(0.577)	55874	22.4672	22
11	1,1-Dichloroethane	63	3.087	3.087	(0.664)	120620	20.1600	20
57	Vinyl Acetate	43	3.298	3.299	(0.710)	146783	27.1203	27(R)
55	DIPE	45	3.016	3.016	(0.649)	232567	18.8687	19
149	tert-Butyl ethyl ether	59	3.298	3.299	(0.710)	205798	19.5044	20
104	2,2-Dichloropropane	77	3.616	3.616	(0.778)	110118	21.3289	21
13	cis-1,2-Dichloroethene	96	3.516	3.516	(0.757)	59983	19.3562	19
18	2-Butanone	43	4.022	4.022	(0.866)	35075	18.2003	18
56	Ethyl Acetate	70	3.881	3.875	(0.835)	12536	40.0904	40
108	Bromochloromethane	128	3.675	3.681	(0.791)	30854	20.4457	20
15	Chloroform	83	3.751	3.751	(0.808)	120502	19.3343	19
20	1,1,1-Trichloroethane	97	3.922	3.922	(0.844)	117393	19.7522	20
59	Cyclohexane	56	3.681	3.681	(0.792)	117508	21.5654	22
21	Carbon Tetrachloride	117	3.863	3.863	(0.832)	116449	20.7145	21
92	1,1-Dichloropropene	75	4.022	4.022	(0.866)	81336	19.8038	20
$ 16	1,2-Dichloroethane-d4 (SUR)	65	4.375	4.375	(0.942)	206101	53.0771	53
28	Benzene	78	4.245	4.246	(0.914)	210681	18.9284	19
17	1,2-Dichloroethane	62	4.439	4.440	(0.956)	101354	20.1302	20
61	Isopropyl Acetate	43	4.734	4.734	(1.019)	248553	37.3023	37
159	Methacrylonitrile	67	4.375	4.375	(0.942)	96563		(a)
140	tert-Amylmethyl Ether	73	4.381	4.381	(0.943)	166300	19.5948	20
* 69	Fluorobenzene	96	4.645	4.646	(1.000)	407678	50.0000	
62	n-Heptane	57	4.239	4.234	(0.528)	49051	20.3251	20
25	Trichloroethene	95	4.810	4.810	(1.035)	55944	19.1058	19
96	Ethyl Acrylate	55	5.428	5.422	(1.168)	56943	17.2551	17
126	Methyl cyclohexane	83	4.798	4.798	(1.033)	106237	20.9065	21
23	1,2-Dichloropropane	63	5.339	5.340	(1.149)	54268	17.8030	18
109	Dibromomethane	93	5.234	5.234	(1.127)	34372	17.7317	18
95	1,4-Dioxane	88	5.663	5.669	(1.219)	5182	141.726	140
146	Methyl methacrylate	69	5.651	5.651	(1.217)	28180	16.5128	16
64	Propyl Acetate	43	5.822	5.828	(1.253)	156760	30.4412	30
22	Bromodichloromethane	83	5.434	5.434	(1.170)	77824	18.5886	18
30	2-Chloroethyl Vinyl Ether	63	6.116	6.116	(1.317)	22981	15.7103	16
118	Epichlorohydrin	57	6.463	6.463	(1.391)	98866	342.001	340
24	cis-1,3-Dichloropropene	75	6.151	6.151	(1.324)	75896	17.6089	18
33	4-Methyl-2-Pentanone	43	6.928	6.928	(1.491)	62342	17.1087	17
$ 37	Toluene-d8 (SUR)	98	6.363	6.363	(0.793)	411068	48.9069	49
38	Toluene	91	6.422	6.428	(0.800)	198685	17.9591	18

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/16sep11.b/d12764.d
Report Date: 16-Sep-2011 06:56

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
29	trans-1,3-Dichloropropene	75	6.951	6.951	(0.866)	72623	18.2808	18
27	1,1,2-Trichloroethane	83	7.116	7.122	(0.886)	34795	17.9741	18
35	Tetrachloroethene	166	6.869	6.869	(0.856)	57391	18.7250	19
160	Ethyl methacrylate	69	6.922	6.928	(1.490)	400		(a)
103	1,3-Dichloropropane	76	7.392	7.398	(0.921)	70059	17.5262	18
34	2-Hexanone	43	7.816	7.810	(0.974)	45510	18.3494	18
26	Dibromochloromethane	129	7.292	7.292	(0.908)	50062	18.0525	18
65	Butyl Acetate	43	7.757	7.757	(0.966)	171004	35.2064	35
66	1,2-Dibromoethane	107	7.504	7.510	(0.935)	39362	17.0748	17
* 32	Chlorobenzene-d5	117	8.027	8.028	(1.000)	287070	50.0000	
39	Chlorobenzene	112	8.039	8.039	(1.001)	125333	17.6699	18
97	1,1,1,2-Tetrachloroethane	131	8.116	8.116	(1.011)	57083	18.4460	18
40	Ethylbenzene	106	8.092	8.092	(1.008)	69084	18.6217	19
43	m+p-Xylene	106	8.233	8.234	(1.026)	169544	36.2566	36
44	o-Xylene	106	8.610	8.610	(1.073)	86049	17.8957	18
42	Styrene	104	8.657	8.657	(1.078)	128354	17.7913	18
147	Butyl Acrylate	55	8.816	8.822	(0.883)	95877	16.8447	17
31	Bromoform	173	8.657	8.657	(1.078)	36290	19.1428	19
110	Isopropylbenzene	105	8.886	8.886	(1.107)	257288	18.4301	18
$ 41	Bromofluorobenzene (SUR)	174	9.104	9.104	(0.912)	163393	47.8424	48
150	Camphene	93	8.963	8.963	(0.898)	118538	24.1909	24
107	Bromobenzene	156	9.174	9.175	(0.919)	61502	16.9864	17
36	1,1,2,2-Tetrachloroethane	83	9.298	9.298	(0.932)	64526	16.9808	17
99	1,2,3-Trichloropropane	110	9.386	9.386	(0.940)	20213	18.5711	18
143	trans-1,4-Dichloro-2-butene	53	9.433	9.433	(2.031)	22448	23.9827	24
112	n-Propylbenzene	91	9.227	9.228	(0.925)	311064	17.8210	18
105	2-Chlorotoluene	91	9.333	9.333	(0.935)	177527	16.7815	17
106	4-Chlorotoluene	91	9.469	9.469	(0.949)	177465	17.2035	17
102	1,3,5-Trimethylbenzene	105	9.398	9.398	(0.942)	218228	17.1146	17
148	Butyl methacrylate	69	9.657	9.657	(0.968)	80844	14.6487	15(R)
115	tert-Butylbenzene	119	9.639	9.639	(0.966)	180125	17.4591	17
100	1,2,4-Trimethylbenzene	105	9.692	9.692	(0.971)	228290	17.4854	17
151	2-Octanone	43	10.104	10.104	(1.012)	107717	20.6310	21
114	sec-Butylbenzene	105	9.774	9.775	(0.979)	293308	17.8259	18
67	1,3-Dichlorobenzene	146	9.921	9.922	(0.994)	121489	17.7299	18
153	2-Octanol	45	9.986	9.986	(1.001)	22793	18.3590	18
* 91	1,4-Dichlorobenzene-d4	152	9.980	9.980	(1.000)	168578	50.0000	
68	1,4-Dichlorobenzene	146	9.992	9.992	(1.001)	123249	17.5466	18
113	p-Isopropyltoluene	119	9.892	9.892	(0.991)	252097	18.4381	18
69	1,2-Dichlorobenzene	146	10.304	10.304	(1.032)	121318	17.2813	17
117	Benzyl chloride	126	10.186	10.192	(1.021)	19612	18.0274	18
111	n-Butylbenzene	92	10.210	10.210	(1.023)	139473	17.7036	18
101	1,2-Dibromo-3-chloropropane	75	10.892	10.892	(1.091)	15574	16.3992	16
152	Camphor	95	11.604	11.604	(1.163)	31412	60.2808	60
93	1,2,4-Trichlorobenzene	180	11.380	11.380	(1.140)	106599	16.6536	17
94	Hexachlorobutadiene	225	11.368	11.369	(1.139)	64880	17.4957	17
70	Naphthalene	128	11.633	11.633	(1.166)	238148	16.4739	16

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/16sep11.b/d12764.d
Report Date: 16-Sep-2011 06:56

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	98 1,2,3-Trichlorobenzene	180	11.780	11.780	(1.180)	107793	16.7364	17
M	45 Xylene (Total)	100				255593	54.1479	54

QC Flag Legend

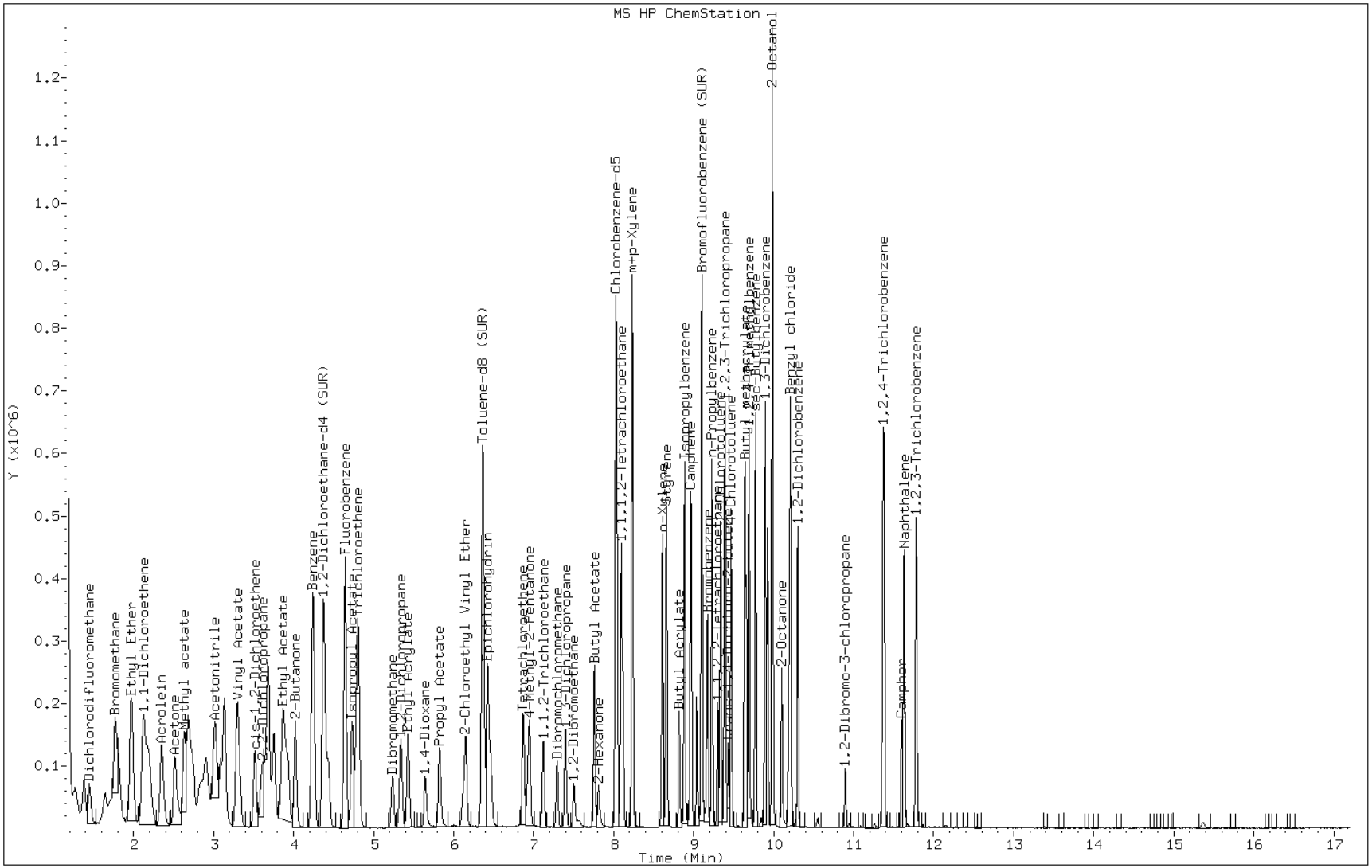
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: d12764.d

Date: 16-SEP-2011 06:43

Client ID: Instrument: VOAMS4.i

Sample Info: LCS Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-86784/3

Matrix: Solid | Lab File ID: d12880.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/21/2011 05:24

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 86784 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	22.5		1.0	0.63
74-83-9	Bromomethane	23.8		1.0	0.41
75-01-4	Vinyl chloride	22.8		1.0	0.23
75-00-3	Chloroethane	21.2		1.0	0.40
75-09-2	Methylene Chloride	22.6		1.0	0.47
67-64-1	Acetone	31.4		10	3.7
75-15-0	Carbon disulfide	22.3		1.0	0.47
75-69-4	Trichlorofluoromethane	21.8		1.0	0.26
75-35-4	1,1-Dichloroethene	21.2		1.0	0.37
75-34-3	1,1-Dichloroethane	20.5		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	20.4		1.0	0.28
156-59-2	cis-1,2-Dichloroethene	20.3		1.0	0.24
67-66-3	Chloroform	19.6		1.0	0.24
78-93-3	2-Butanone	18.8		10	0.57
107-06-2	1,2-Dichloroethane	19.4		1.0	0.39
71-55-6	1,1,1-Trichloroethane	21.4		1.0	0.19
56-23-5	Carbon tetrachloride	22.2		1.0	0.10
71-43-2	Benzene	19.3		1.0	0.74
75-25-2	Bromoform	19.8		1.0	0.70
100-42-5	Styrene	19.0		1.0	0.35
100-41-4	Ethylbenzene	19.6		1.0	0.19
108-90-7	Chlorobenzene	18.5		1.0	0.48
110-82-7	Cyclohexane	23.9		1.0	0.22
98-82-8	Isopropylbenzene	18.9		1.0	0.26
591-78-6	2-Hexanone	21.1		10	1.7
1634-04-4	MTBE	22.2		1.0	0.34
76-13-1	Freon TF	23.4		1.0	0.48
79-20-9	Methyl acetate	20.1		1.0	0.90
123-91-1	1,4-Dioxane	148		50	4.2
79-01-6	Trichloroethene	19.2		1.0	0.36
108-88-3	Toluene	18.3		1.0	0.30
10061-02-6	trans-1,3-Dichloropropene	18.9		1.0	0.22
108-10-1	4-Methyl-2-pentanone	19.6		10	0.72
10061-01-5	cis-1,3-Dichloropropene	19.6		1.0	0.20
95-50-1	1,2-Dichlorobenzene	17.6		1.0	0.64
541-73-1	1,3-Dichlorobenzene	17.7		1.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-86784/3

Matrix: Solid | Lab File ID: d12880.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/21/2011 05:24

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 86784 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	17.5		1.0	0.71
120-82-1	1,2,4-Trichlorobenzene	16.5		1.0	0.54
87-61-6	1,2,3-Trichlorobenzene	16.9		1.0	0.65
78-87-5	1,2-Dichloropropane	18.6		1.0	0.32
108-87-2	Methylcyclohexane	23.2		1.0	0.27
127-18-4	Tetrachloroethene	18.8		1.0	0.33
1330-20-7	Xylenes, Total	55.9		3.0	0.79
96-12-8	1,2-Dibromo-3-Chloropropane	17.7		1.0	0.61
79-34-5	1,1,2,2-Tetrachloroethane	17.5		1.0	0.76
79-00-5	1,1,2-Trichloroethane	18.3		1.0	0.59
124-48-1	Dibromochloromethane	19.3		1.0	0.56
106-93-4	1,2-Dibromoethane	18.3		1.0	0.52
75-71-8	Dichlorodifluoromethane	22.2		1.0	0.41
74-97-5	Bromochloromethane	21.3		1.0	0.27
75-27-4	Bromodichloromethane	19.6		1.0	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		70-138
2037-26-5	Toluene-d8 (Surr)	97		66-126
460-00-4	Bromofluorobenzene	94		72-132

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/21sep11.b/d12880.d
Report Date: 21-Sep-2011 05:30

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/21sep11.b/d12880.d
Lab Smp Id: LCS
Inj Date : 21-SEP-2011 05:24
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260L_10/09-03-11/21sep11.b/8260L_10.m
Meth Date : 21-Sep-2011 05:11 audberto Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.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)
M 14	1,2-Dichloroethene (total)	100				124244	40.7380	41
90	Dichlorodifluoromethane	85	1.275	1.263	(0.274)	92786	22.1597	22
1	Chloromethane	50	1.381	1.369	(0.297)	102847	22.5106	22
4	Vinyl Chloride	62	1.446	1.440	(0.311)	90405	22.7945	23
3	Bromomethane	94	1.646	1.634	(0.354)	55841	23.8265	24
5	Chloroethane	64	1.704	1.687	(0.367)	50649	21.1560	21
9	Trichlorofluoromethane	101	1.822	1.810	(0.392)	150868	21.7756	22
121	n-Pentane	72	1.781	1.757	(0.383)	10107	26.3178	26(R)
46	Ethyl Ether	59	1.981	1.975	(0.426)	52314	23.5779	24
119	Isoprene	67	1.975	1.957	(0.425)	79519	22.2794	22
47	Acrolein	56	2.346	2.340	(0.505)	157060	261.760	260
10	1,1-Dichloroethene	96	2.110	2.099	(0.454)	51665	21.1647	21
48	Freon TF	101	2.181	2.169	(0.469)	69382	23.4248	23
7	Acetone	43	2.563	2.552	(0.552)	36956	31.3847	31

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/21sep11.b/d12880.d
Report Date: 21-Sep-2011 05:30

		QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/Kg)
142	Iodomethane	142	2.210	2.204	(0.476)	113985	23.0967	23
8	Carbon Disulfide	76	2.128	2.122	(0.458)	205336	22.2578	22
50	Acetonitrile	41	2.904	2.893	(0.625)	299806	466.278	470
125	Methyl acetate	74	2.651	2.640	(0.571)	14648	20.1147	20
6	Methylene Chloride	84	2.516	2.510	(0.542)	67972	22.6328	23
51	TBA	59	2.834	2.822	(0.610)	205528	459.343	460
52	Acrylonitrile	53	3.140	3.122	(0.676)	198248	154.143	150
12	trans-1,2-Dichloroethene	96	2.628	2.622	(0.566)	60514	20.3963	20
53	MTBE	73	2.728	2.722	(0.587)	223209	22.2229	22
54	Hexane	56	2.681	2.675	(0.577)	65732	26.1438	26(R)
11	1,1-Dichloroethane	63	3.087	3.081	(0.664)	123934	20.4887	20
57	Vinyl Acetate	43	3.298	3.293	(0.710)	108240	19.7815	20
55	DIPE	45	3.016	3.004	(0.649)	265281	21.2889	21
149	tert-Butyl ethyl ether	59	3.298	3.287	(0.710)	235621	22.0882	22
104	2,2-Dichloropropane	77	3.616	3.616	(0.778)	118074	22.6214	23
13	cis-1,2-Dichloroethene	96	3.516	3.510	(0.757)	63730	20.3417	20
18	2-Butanone	43	4.022	4.016	(0.866)	36684	18.8284	19
56	Ethyl Acetate	70	3.875	3.857	(0.834)	13196	41.7417	42
108	Bromochloromethane	128	3.675	3.669	(0.791)	32461	21.2773	21
15	Chloroform	83	3.751	3.746	(0.808)	123353	19.5766	20
20	1,1,1-Trichloroethane	97	3.928	3.916	(0.846)	128742	21.4262	21
59	Cyclohexane	56	3.681	3.675	(0.792)	131633	23.8949	24
21	Carbon Tetrachloride	117	3.863	3.851	(0.832)	125889	22.1501	22
92	1,1-Dichloropropene	75	4.022	4.016	(0.866)	84569	20.3671	20
$ 16	1,2-Dichloroethane-d4 (SUR)	65	4.375	4.363	(0.942)	211685	53.9225	54
28	Benzene	78	4.245	4.240	(0.914)	216796	19.2660	19
17	1,2-Dichloroethane	62	4.440	4.434	(0.956)	98546	19.3597	19
61	Isopropyl Acetate	43	4.728	4.728	(1.018)	285019	42.3101	42
159	Methacrylonitrile	67	4.375	4.369	(0.942)	98803		(a)
140	tert-Amylmethyl Ether	73	4.381	4.375	(0.943)	190014	22.1455	22
* 69	Fluorobenzene	96	4.645	4.640	(1.000)	412160	50.0000	
62	n-Heptane	57	4.234	4.228	(0.527)	57678	22.9168	23
25	Trichloroethene	95	4.810	4.804	(1.035)	56725	19.1616	19
96	Ethyl Acrylate	55	5.428	5.422	(1.168)	67946	20.3652	20
126	Methyl cyclohexane	83	4.798	4.793	(1.033)	119240	23.2102	23
23	1,2-Dichloropropane	63	5.345	5.340	(1.151)	57283	18.5880	18
109	Dibromomethane	93	5.234	5.228	(1.127)	37559	19.1654	19
95	1,4-Dioxane	88	5.651	5.651	(1.216)	5483	148.331	150
146	Methyl methacrylate	69	5.645	5.645	(1.215)	35062	20.3218	20
64	Propyl Acetate	43	5.822	5.816	(1.253)	184124	35.3664	35
22	Bromodichloromethane	83	5.434	5.428	(1.170)	82779	19.5570	20
30	2-Chloroethyl Vinyl Ether	63	6.116	6.116	(1.317)	28967	19.5874	20
118	Epichlorohydrin	57	6.457	6.457	(1.390)	121218	414.760	410
24	cis-1,3-Dichloropropene	75	6.151	6.145	(1.324)	85499	19.6212	20
33	4-Methyl-2-Pentanone	43	6.928	6.922	(1.491)	72106	19.5732	20
$ 37	Toluene-d8 (SUR)	98	6.363	6.363	(0.793)	427110	48.7258	49
38	Toluene	91	6.428	6.422	(0.801)	211365	18.3196	18

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/21sep11.b/d12880.d
Report Date: 21-Sep-2011 05:30

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
29	trans-1,3-Dichloropropene	75	6.951	6.945	(0.866)	78350	18.9111	19
27	1,1,2-Trichloroethane	83	7.122	7.116	(0.887)	37046	18.3497	18
35	Tetrachloroethene	166	6.875	6.869	(0.856)	59946	18.7545	19
160	Ethyl methacrylate	69	6.928	6.939	(1.491)	715		(a)
103	1,3-Dichloropropane	76	7.398	7.392	(0.922)	74772	17.9359	18
34	2-Hexanone	43	7.816	7.810	(0.974)	54472	21.0592	21
26	Dibromochloromethane	129	7.292	7.292	(0.908)	55771	19.2844	19
65	Butyl Acetate	43	7.757	7.751	(0.966)	202924	40.0600	40
66	1,2-Dibromoethane	107	7.510	7.504	(0.936)	44059	18.3263	18
* 32	Chlorobenzene-d5	117	8.028	8.028	(1.000)	299381	50.0000	
39	Chlorobenzene	112	8.039	8.039	(1.001)	137118	18.5363	18
97	1,1,1,2-Tetrachloroethane	131	8.116	8.116	(1.011)	63288	19.6100	20
40	Ethylbenzene	106	8.092	8.092	(1.008)	75754	19.5798	20
43	m+p-Xylene	106	8.233	8.233	(1.026)	182190	37.3587	37
44	o-Xylene	106	8.610	8.610	(1.073)	92836	18.5133	18
42	Styrene	104	8.657	8.657	(1.078)	142975	19.0028	19
147	Butyl Acrylate	55	8.822	8.816	(0.884)	111189	18.8896	19
31	Bromoform	173	8.657	8.657	(1.078)	39061	19.7570	20
110	Isopropylbenzene	105	8.886	8.886	(1.107)	274889	18.8812	19
$ 41	Bromofluorobenzene (SUR)	174	9.104	9.104	(0.912)	166490	47.1392	47
150	Camphene	93	8.963	8.963	(0.898)	105802	20.8789	21
107	Bromobenzene	156	9.175	9.175	(0.919)	65509	17.4956	17
36	1,1,2,2-Tetrachloroethane	83	9.298	9.298	(0.932)	68755	17.4960	17
99	1,2,3-Trichloropropane	110	9.386	9.386	(0.940)	20764	18.4470	18
143	trans-1,4-Dichloro-2-butene	53	9.433	9.433	(2.031)	22378	23.6484	24
112	n-Propylbenzene	91	9.227	9.228	(0.925)	325853	18.0517	18
105	2-Chlorotoluene	91	9.333	9.333	(0.935)	190905	17.4500	17
106	4-Chlorotoluene	91	9.469	9.469	(0.949)	189221	17.7373	18
102	1,3,5-Trimethylbenzene	105	9.398	9.398	(0.942)	231836	17.5813	18
148	Butyl methacrylate	69	9.657	9.657	(0.968)	90802	15.9098	16
115	tert-Butylbenzene	119	9.639	9.639	(0.966)	187310	17.5559	18
100	1,2,4-Trimethylbenzene	105	9.692	9.692	(0.971)	240234	17.7926	18
151	2-Octanone	43	10.104	10.104	(1.012)	107616	19.9311	20
114	sec-Butylbenzene	105	9.775	9.775	(0.979)	305795	17.9711	18
67	1,3-Dichlorobenzene	146	9.922	9.922	(0.994)	125617	17.7269	18
153	2-Octanol	45	9.986	9.986	(1.001)	28174	21.9434	22
* 91	1,4-Dichlorobenzene-d4	152	9.980	9.980	(1.000)	174336	50.0000	
68	1,4-Dichlorobenzene	146	9.992	9.992	(1.001)	127208	17.5120	18
113	p-Isopropyltoluene	119	9.892	9.892	(0.991)	254035	17.9662	18
69	1,2-Dichlorobenzene	146	10.304	10.304	(1.032)	127520	17.5649	18
117	Benzyl chloride	126	10.192	10.192	(1.021)	25432	22.6047	23
111	n-Butylbenzene	92	10.210	10.210	(1.023)	149972	18.4076	18
101	1,2-Dibromo-3-chloropropane	75	10.892	10.892	(1.091)	17370	17.6861	18
152	Camphor	95	11.604	11.604	(1.163)	36687	68.0778	68
93	1,2,4-Trichlorobenzene	180	11.380	11.380	(1.140)	109326	16.5155	16
94	Hexachlorobutadiene	225	11.369	11.369	(1.139)	68104	17.7584	18
70	Naphthalene	128	11.633	11.633	(1.166)	256470	17.1554	17

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/21sep11.b/d12880.d
Report Date: 21-Sep-2011 05:30

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	98 1,2,3-Trichlorobenzene	180	11.780	11.780	(1.180)	112305	16.8611	17
M	45 Xylene (Total)	100				275027	55.8689	56

QC Flag Legend

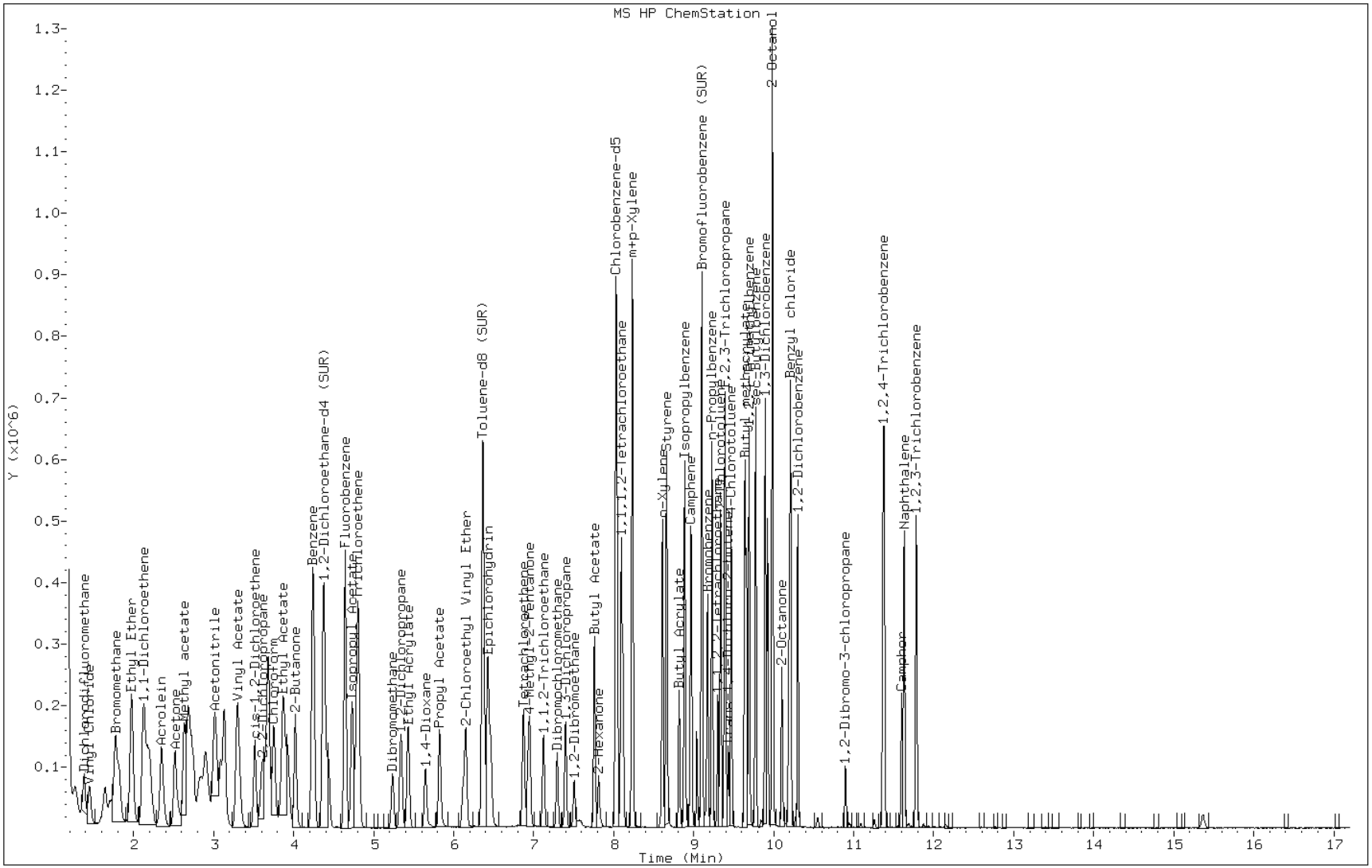
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: d12880.d

Date: 21-SEP-2011 05:24

Client ID: Instrument: VOAMS4.i

Sample Info: LCS Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-86004/4

Matrix: Solid Lab File ID: d12662.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/14/2011 05:52

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 86004 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	21.7		1.0	0.63
74-83-9	Bromomethane	23.0		1.0	0.41
75-01-4	Vinyl chloride	22.3		1.0	0.23
75-00-3	Chloroethane	20.7		1.0	0.40
75-09-2	Methylene Chloride	23.6		1.0	0.47
67-64-1	Acetone	30.9		10	3.7
75-15-0	Carbon disulfide	21.8		1.0	0.47
75-69-4	Trichlorofluoromethane	21.4		1.0	0.26
75-35-4	1,1-Dichloroethene	21.9		1.0	0.37
75-34-3	1,1-Dichloroethane	20.8		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	20.4		1.0	0.28
156-59-2	cis-1,2-Dichloroethene	19.8		1.0	0.24
67-66-3	Chloroform	20.2		1.0	0.24
78-93-3	2-Butanone	21.6		10	0.57
107-06-2	1,2-Dichloroethane	20.8		1.0	0.39
71-55-6	1,1,1-Trichloroethane	20.6		1.0	0.19
56-23-5	Carbon tetrachloride	21.7		1.0	0.10
71-43-2	Benzene	20.1		1.0	0.74
75-25-2	Bromoform	21.7		1.0	0.70
100-42-5	Styrene	19.3		1.0	0.35
100-41-4	Ethylbenzene	19.7		1.0	0.19
108-90-7	Chlorobenzene	18.9		1.0	0.48
110-82-7	Cyclohexane	22.1		1.0	0.22
98-82-8	Isopropylbenzene	19.4		1.0	0.26
591-78-6	2-Hexanone	21.9		10	1.7
1634-04-4	MTBE	21.0		1.0	0.34
76-13-1	Freon TF	22.2		1.0	0.48
79-20-9	Methyl acetate	20.6		1.0	0.90
123-91-1	1,4-Dioxane	162		50	4.2
79-01-6	Trichloroethene	20.3		1.0	0.36
108-88-3	Toluene	18.6		1.0	0.30
10061-02-6	trans-1,3-Dichloropropene	19.9		1.0	0.22
108-10-1	4-Methyl-2-pentanone	20.8		10	0.72
10061-01-5	cis-1,3-Dichloropropene	20.3		1.0	0.20
95-50-1	1,2-Dichlorobenzene	18.4		1.0	0.64
541-73-1	1,3-Dichlorobenzene	18.9		1.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-86004/4

Matrix: Solid Lab File ID: d12662.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/14/2011 05:52

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 86004 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	18.6		1.0	0.71
120-82-1	1,2,4-Trichlorobenzene	17.8		1.0	0.54
87-61-6	1,2,3-Trichlorobenzene	18.8		1.0	0.65
78-87-5	1,2-Dichloropropane	18.9		1.0	0.32
108-87-2	Methylcyclohexane	22.0		1.0	0.27
127-18-4	Tetrachloroethene	19.5		1.0	0.33
1330-20-7	Xylenes, Total	57.5		3.0	0.79
96-12-8	1,2-Dibromo-3-Chloropropane	17.6		1.0	0.61
79-34-5	1,1,2,2-Tetrachloroethane	18.4		1.0	0.76
79-00-5	1,1,2-Trichloroethane	19.2		1.0	0.59
124-48-1	Dibromochloromethane	20.0		1.0	0.56
106-93-4	1,2-Dibromoethane	18.9		1.0	0.52
75-71-8	Dichlorodifluoromethane	24.7		1.0	0.41
74-97-5	Bromochloromethane	21.2		1.0	0.27
75-27-4	Bromodichloromethane	20.4		1.0	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		70-138
2037-26-5	Toluene-d8 (Surr)	97		66-126
460-00-4	Bromofluorobenzene	95		72-132

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/d12662.d
Report Date: 14-Sep-2011 05:57

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/d12662.d
Lab Smp Id: LCSD
Inj Date : 14-SEP-2011 05:52
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : LCSD
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/8260L_10.m
Meth Date : 14-Sep-2011 04:31 audberto Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.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)	CONCENTRATIONS FINAL (ug/Kg)
M 14	1,2-Dichloroethene (total)	100				127413	40.1803	40
90	Dichlorodifluoromethane	85	1.280	1.280	(0.275)	107449	24.6717	25
1	Chloromethane	50	1.386	1.386	(0.298)	103014	21.6776	22
4	Vinyl Chloride	62	1.450	1.456	(0.312)	92131	22.3338	22
3	Bromomethane	94	1.650	1.651	(0.354)	56005	22.9749	23
5	Chloroethane	64	1.709	1.709	(0.367)	51612	20.7266	21
9	Trichlorofluoromethane	101	1.827	1.827	(0.392)	154227	21.4018	21
121	n-Pentane	72	1.768	1.780	(0.380)	9745	24.3971	24
46	Ethyl Ether	59	1.986	1.986	(0.426)	55468	24.0353	24
119	Isoprene	67	1.974	1.980	(0.424)	79843	21.5074	22
47	Acrolein	56	2.350	2.356	(0.505)	186196	298.350	300
10	1,1-Dichloroethene	96	2.121	2.121	(0.456)	55480	21.8508	22
48	Freon TF	101	2.180	2.192	(0.468)	68312	22.1737	22
7	Acetone	43	2.562	2.580	(0.550)	37844	30.8990	31

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/d12662.d
Report Date: 14-Sep-2011 05:57

		QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/Kg)
142	Iodomethane	142	2.209	2.221	(0.474)	114362	22.2793	22
8	Carbon Disulfide	76	2.139	2.139	(0.459)	208851	21.7656	22
50	Acetonitrile	41	2.909	2.915	(0.625)	316278	472.924	470
125	Methyl acetate	74	2.656	2.662	(0.570)	15614	20.6142	21
6	Methylene Chloride	84	2.527	2.527	(0.543)	73729	23.6027	24
51	TBA	59	2.850	2.850	(0.612)	220579	473.965	470
52	Acrylonitrile	53	3.139	3.150	(0.674)	221097	165.278	160
12	trans-1,2-Dichloroethene	96	2.639	2.639	(0.567)	62925	20.3908	20
53	MTBE	73	2.750	2.756	(0.591)	219598	21.0201	21
54	Hexane	56	2.680	2.698	(0.576)	63528	24.2923	24
11	1,1-Dichloroethane	63	3.091	3.098	(0.664)	130559	20.7514	21
57	Vinyl Acetate	43	3.303	3.309	(0.709)	112147	19.7050	20
55	DIPE	45	3.015	3.027	(0.648)	262171	20.2278	20
149	tert-Butyl ethyl ether	59	3.303	3.309	(0.709)	229928	20.7231	21
104	2,2-Dichloropropane	77	3.627	3.633	(0.779)	118065	21.7471	22
13	cis-1,2-Dichloroethene	96	3.527	3.527	(0.757)	64488	19.7895	20
18	2-Butanone	43	4.038	4.045	(0.867)	43721	21.5744	22
56	Ethyl Acetate	70	3.874	3.892	(0.832)	14588	44.3664	44
108	Bromochloromethane	128	3.686	3.692	(0.792)	33666	21.2159	21
15	Chloroform	83	3.762	3.768	(0.808)	132084	20.1536	20
20	1,1,1-Trichloroethane	97	3.927	3.933	(0.843)	128810	20.6107	21
59	Cyclohexane	56	3.691	3.697	(0.793)	126547	22.0855	22
21	Carbon Tetrachloride	117	3.874	3.874	(0.832)	128308	21.7050	22
92	1,1-Dichloropropene	75	4.033	4.039	(0.866)	85863	19.8810	20
$ 16	1,2-Dichloroethane-d4 (SUR)	65	4.386	4.392	(0.942)	217904	53.3657	53
28	Benzene	78	4.256	4.256	(0.914)	234776	20.0591	20
17	1,2-Dichloroethane	62	4.450	4.456	(0.956)	110132	20.8013	21
61	Isopropyl Acetate	43	4.744	4.750	(1.019)	299670	42.7690	43
159	Methacrylonitrile	67	4.386	4.392	(0.942)	103059		(a)
140	tert-Amylmethyl Ether	73	4.397	4.397	(0.944)	188497	21.1213	21
* 69	Fluorobenzene	96	4.656	4.662	(1.000)	428695	50.0000	
62	n-Heptane	57	4.244	4.250	(0.528)	55332	21.3185	21
25	Trichloroethene	95	4.821	4.827	(1.035)	62398	20.2649	20
96	Ethyl Acrylate	55	5.438	5.444	(1.168)	74224	21.3888	21
126	Methyl cyclohexane	83	4.809	4.809	(1.033)	117518	21.9927	22
23	1,2-Dichloropropane	63	5.356	5.362	(1.150)	60616	18.9108	19
109	Dibromomethane	93	5.250	5.250	(1.128)	39353	19.3061	19
95	1,4-Dioxane	88	5.674	5.674	(1.219)	6221	161.803	160
146	Methyl methacrylate	69	5.662	5.668	(1.216)	35783	19.9396	20
64	Propyl Acetate	43	5.838	5.839	(1.254)	201957	37.2954	37
22	Bromodichloromethane	83	5.444	5.444	(1.169)	89784	20.3937	20
30	2-Chloroethyl Vinyl Ether	63	6.127	6.133	(1.316)	30154	19.6038	20
118	Epichlorohydrin	57	6.474	6.480	(1.390)	136996	450.667	450
24	cis-1,3-Dichloropropene	75	6.162	6.168	(1.323)	91814	20.2579	20
33	4-Methyl-2-Pentanone	43	6.944	6.938	(1.491)	79705	20.8012	21
$ 37	Toluene-d8 (SUR)	98	6.380	6.386	(0.794)	438637	48.5246	48
38	Toluene	91	6.438	6.444	(0.801)	221828	18.6439	19

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/d12662.d
Report Date: 14-Sep-2011 05:57

							CONCENTRATIONS		
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)	
	29 trans-1,3-Dichloropropene	75	6.968	6.968	(0.867)	84819	19.8522	20	
	27 1,1,2-Trichloroethane	83	7.132	7.133	(0.887)	39874	19.1521	19	
	35 Tetrachloroethene	166	6.885	6.891	(0.857)	64206	19.4785	19	
	160 Ethyl methacrylate	69	6.944	6.944	(1.491)	504			(a)
	103 1,3-Dichloropropane	76	7.409	7.409	(0.922)	82271	19.1367	19	
	34 2-Hexanone	43	7.826	7.827	(0.974)	58333	21.8687	22	
	26 Dibromochloromethane	129	7.309	7.309	(0.909)	59505	19.9519	20	
	65 Butyl Acetate	43	7.768	7.768	(0.966)	214981	41.1544	41	
	66 1,2-Dibromoethane	107	7.521	7.521	(0.936)	46969	18.9450	19	
*	32 Chlorobenzene-d5	117	8.038	8.038	(1.000)	308736	50.0000		
	39 Chlorobenzene	112	8.056	8.056	(1.002)	144018	18.8793	19	
	97 1,1,1,2-Tetrachloroethane	131	8.126	8.127	(1.011)	67011	20.1344	20	
	40 Ethylbenzene	106	8.103	8.103	(1.008)	78411	19.6525	20	
	43 m+p-Xylene	106	8.244	8.244	(1.026)	195743	38.9216	39	
	44 o-Xylene	106	8.621	8.621	(1.072)	96011	18.5663	18	
	42 Styrene	104	8.668	8.668	(1.078)	149998	19.3322	19	
	147 Butyl Acrylate	55	8.826	8.832	(0.883)	119194	19.0409	19	
	31 Bromoform	173	8.668	8.668	(1.078)	44177	21.6675	22	
	110 Isopropylbenzene	105	8.897	8.897	(1.107)	291344	19.4051	19	
$	41 Bromofluorobenzene (SUR)	174	9.115	9.115	(0.912)	177793	47.3351	47	
	150 Camphene	93	8.973	8.974	(0.898)	105194	19.5198	20	
	107 Bromobenzene	156	9.185	9.185	(0.919)	72511	18.2097	18	
	36 1,1,2,2-Tetrachloroethane	83	9.309	9.309	(0.932)	76934	18.4090	18	
	99 1,2,3-Trichloropropane	110	9.397	9.397	(0.941)	24928	20.8248	21	
	143 trans-1,4-Dichloro-2-butene	53	9.444	9.444	(2.028)	22428	22.7870	23	
	112 n-Propylbenzene	91	9.238	9.238	(0.925)	337937	17.6038	18	
	105 2-Chlorotoluene	91	9.344	9.344	(0.935)	203823	17.5189	18	
	106 4-Chlorotoluene	91	9.479	9.479	(0.949)	197833	17.4378	17	
	102 1,3,5-Trimethylbenzene	105	9.409	9.409	(0.942)	246119	17.5505	18	
	148 Butyl methacrylate	69	9.668	9.668	(0.968)	95764	15.7776	16	
	115 tert-Butylbenzene	119	9.650	9.650	(0.966)	198052	17.4549	17	
	100 1,2,4-Trimethylbenzene	105	9.703	9.703	(0.971)	256109	17.8362	18	
	151 2-Octanone	43	10.109	10.109	(1.012)	123023	21.4246	21	
	114 sec-Butylbenzene	105	9.785	9.785	(0.979)	331832	18.3373	18	
	67 1,3-Dichlorobenzene	146	9.932	9.932	(0.994)	142563	18.9175	19	
	153 2-Octanol	45	9.997	9.997	(1.001)	31574	23.1241	23	
*	91 1,4-Dichlorobenzene-d4	152	9.991	9.991	(1.000)	185401	50.0000		
	68 1,4-Dichlorobenzene	146	10.003	10.003	(1.001)	143526	18.5791	18	
	113 p-Isopropyltoluene	119	9.903	9.903	(0.991)	271386	18.0479	18	
	69 1,2-Dichlorobenzene	146	10.315	10.315	(1.032)	142185	18.4160	18	
	117 Benzyl chloride	126	10.197	10.197	(1.021)	25533	21.3402	21	
	111 n-Butylbenzene	92	10.215	10.221	(1.022)	160739	18.5516	18	
	101 1,2-Dibromo-3-chloropropane	75	10.903	10.903	(1.091)	18401	17.6178	18	
	152 Camphor	95	11.614	11.615	(1.162)	42399	73.9829	74	
	93 1,2,4-Trichlorobenzene	180	11.391	11.391	(1.140)	125046	17.7629	18	
	94 Hexachlorobutadiene	225	11.379	11.379	(1.139)	77036	18.8887	19	
	70 Naphthalene	128	11.644	11.644	(1.165)	303881	19.1136	19	

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/14sep11.b/d12662.d
Report Date: 14-Sep-2011 05:57

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	98 1,2,3-Trichlorobenzene	180	11.791	11.791	(1.180)	132939	18.7677	19
M	45 Xylene (Total)	100				291755	57.4713	57

QC Flag Legend

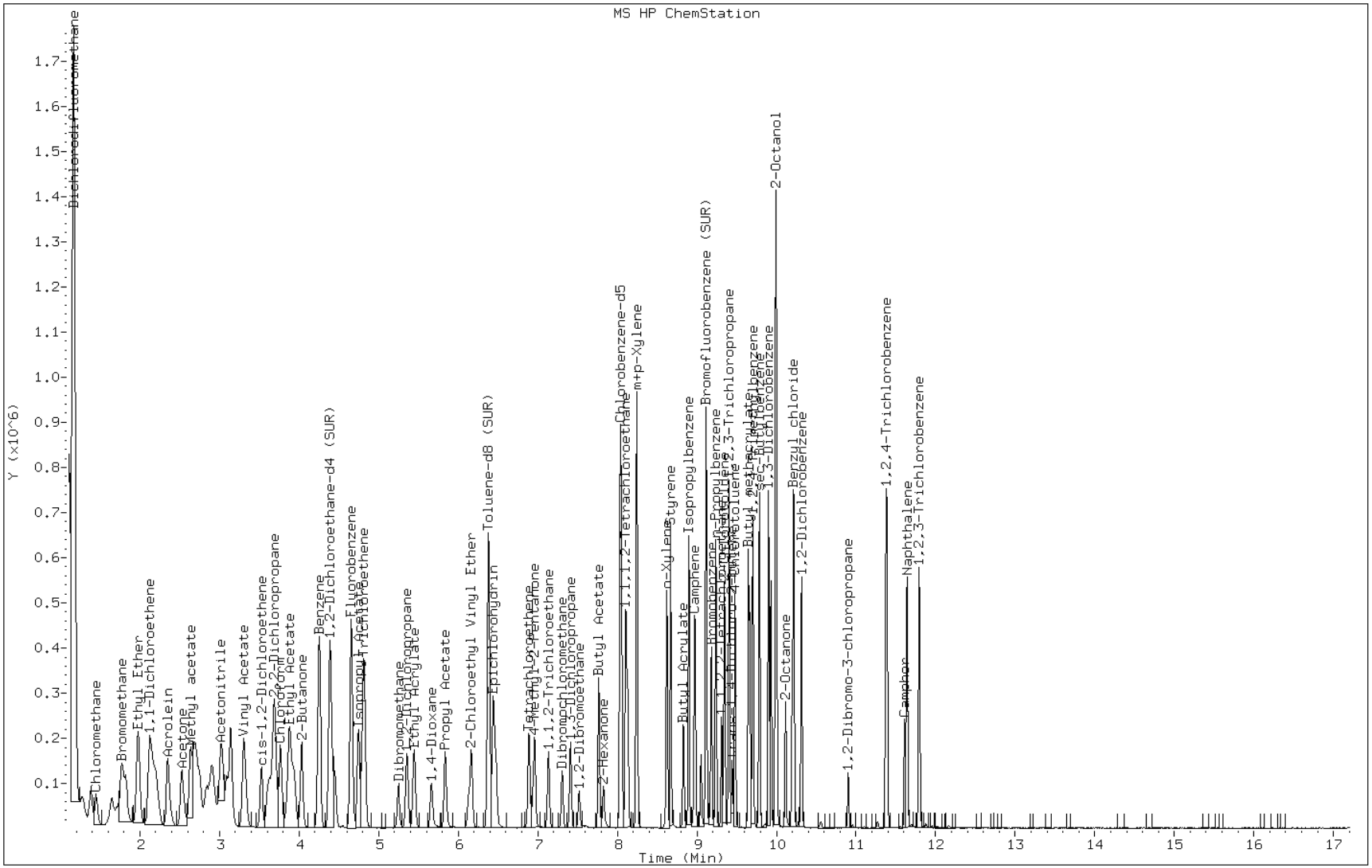
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: d12662.d

Date: 14-SEP-2011 05:52

Client ID: Instrument: VOAMS4.i

Sample Info: LCSD Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-86112/16

Matrix: Solid | Lab File ID: j03692.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 2.5(mL) | Date Analyzed: 09/15/2011 05:29

Soil Aliquot Vol: 2.5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 86112 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1900		100	21
74-83-9	Bromomethane	1830		100	31
75-01-4	Vinyl chloride	1980		100	12
75-00-3	Chloroethane	2150		100	45
75-09-2	Methylene Chloride	1830		100	19
67-64-1	Acetone	2010		1000	250
75-15-0	Carbon disulfide	1370		100	15
75-69-4	Trichlorofluoromethane	2250		100	16
75-35-4	1,1-Dichloroethene	1800		100	14
75-34-3	1,1-Dichloroethane	1990		100	10
156-60-5	trans-1,2-Dichloroethene	1950		100	14
156-59-2	cis-1,2-Dichloroethene	2050		100	19
67-66-3	Chloroform	2090		100	16
78-93-3	2-Butanone	2040		1000	82
107-06-2	1,2-Dichloroethane	2110		100	25
71-55-6	1,1,1-Trichloroethane	2010		100	25
56-23-5	Carbon tetrachloride	2080		100	18
71-43-2	Benzene	1960		100	12
75-25-2	Bromoform	2130		100	9.9
100-42-5	Styrene	2090		100	14
100-41-4	Ethylbenzene	2180		100	25
108-90-7	Chlorobenzene	2050		100	17
110-82-7	Cyclohexane	2030		100	12
98-82-8	Isopropylbenzene	2200		100	21
591-78-6	2-Hexanone	1990		1000	55
1634-04-4	MTBE	1930		100	19
76-13-1	Freon TF	2110		100	29
79-20-9	Methyl acetate	1630		200	33
123-91-1	1,4-Dioxane	14000		5000	850
79-01-6	Trichloroethene	2010		100	18
108-88-3	Toluene	2020		100	9.5
10061-02-6	trans-1,3-Dichloropropene	2050		100	12
108-10-1	4-Methyl-2-pentanone	2030		1000	68
10061-01-5	cis-1,3-Dichloropropene	2070		100	10
95-50-1	1,2-Dichlorobenzene	2060		100	16
541-73-1	1,3-Dichlorobenzene	2040		100	23

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-86112/16

Matrix: Solid | Lab File ID: j03692.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 2.5(mL) | Date Analyzed: 09/15/2011 05:29

Soil Aliquot Vol: 2.5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 86112 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1960		100	15
120-82-1	1,2,4-Trichlorobenzene	2120		100	44
87-61-6	1,2,3-Trichlorobenzene	1630		100	83
78-87-5	1,2-Dichloropropane	2110		100	8.7
108-87-2	Methylcyclohexane	2170		100	8.0
127-18-4	Tetrachloroethene	2160		100	20
1330-20-7	Xylenes, Total	6280		300	43
96-12-8	1,2-Dibromo-3-Chloropropane	1810		100	15
79-34-5	1,1,2,2-Tetrachloroethane	2080		100	8.6
79-00-5	1,1,2-Trichloroethane	2050		100	9.7
124-48-1	Dibromochloromethane	2120		100	10
106-93-4	1,2-Dibromoethane	2020		100	9.1
75-71-8	Dichlorodifluoromethane	2460		100	28
74-97-5	Bromochloromethane	1990		100	17
75-27-4	Bromodichloromethane	2100		100	9.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		57-135
2037-26-5	Toluene-d8 (Surr)	101		46-130
460-00-4	Bromofluorobenzene	100		50-124

Data File: /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03692.d
Report Date: 16-Sep-2011 11:16

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03692.d
Lab Smp Id: LCSD
Inj Date : 15-SEP-2011 05:29
Operator : Inst ID: VOAMS8.i
Smp Info : LCSD
Misc Info :
Comment :
Method : /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/8260_09.m
Meth Date : 15-Sep-2011 04:53 audberto Quant Type: ISTD
Cal Date : 14-SEP-2011 06:22 Cal File: j03643.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	2.575	2.553	(0.327)	529725	24.6354	2500
3 Chloromethane	50	2.750	2.728	(0.349)	295775	19.0333	1900
4 Vinyl Chloride	62	2.932	2.912	(0.372)	358824	19.8446	2000
6 Bromomethane	94	3.315	3.286	(0.421)	266101	18.3050	1800
5 Chloroethane	64	3.423	3.406	(0.434)	188595	21.4542	2100
7 Trichlorofluoromethane	101	3.726	3.695	(0.473)	668931	22.4548	2200
8 n-Pentane	72	3.726	3.759	(0.473)	860	0.56279	56(aR)
9 Ethanol	46	3.937	3.934	(0.500)	122478	3328.20	330000
10 Isoprene	67	4.080	4.053	(0.518)	264934	18.6855	1900
11 Ethyl Ether	59	4.034	4.007	(0.512)	215545	19.3475	1900
13 Acrolein	56	4.227	4.182	(0.536)	64710	39.6811	4000
15 1,1-Dichloroethene	96	4.337	4.299	(0.550)	249968	18.0320	1800
14 Freon TF	101	4.346	4.318	(0.551)	536150	21.0524	2100
16 Acetone	58	4.389	4.364	(0.557)	18727	20.1027	2000

Data File: /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03692.d
Report Date: 16-Sep-2011 11:16

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	17 Iodomethane	142	4.536	4.509	(0.576)	707014	17.2484	1700
	18 Carbon Disulfide	76	4.628	4.592	(0.587)	575622	13.6979	1400(R)
	21 Acetonitrile	39	4.742	4.721	(0.602)	61141	395.203	40000
	27 Methyl Acetate	74	4.733	4.721	(0.601)	53668	16.2731	1600
	22 Methylene Chloride	84	4.887	4.867	(0.620)	315677	18.3113	1800
	24 TBA	59	4.974	4.959	(0.631)	446205	404.342	40000
	25 trans-1,2-Dichloroethene	96	5.208	5.179	(0.661)	330558	19.4946	1900
	26 Acrylonitrile	53	5.190	5.161	(0.659)	78264	23.5863	2400
	28 MTBE	73	5.190	5.151	(0.659)	811044	19.3216	1900
	29 Hexane	56	5.474	5.471	(0.695)	107990	17.5739	1800
	30 1,1-Dichloroethane	63	5.707	5.690	(0.724)	646279	19.9351	2000
	31 Vinyl Acetate	43	5.717	5.708	(0.725)	1268742	27.2857	2700(R)
	32 DIPE	45	5.726	5.708	(0.727)	1401966	19.9928	2000
	35 t-Butyl-ethyl-ether	59	6.162	6.153	(0.782)	1126480	20.1975	2000
	37 2,2-Dichloropropane	77	6.426	6.400	(0.816)	518980	22.0168	2200
	36 cis-1,2-Dichloroethene	96	6.417	6.391	(0.814)	361150	20.5081	2000
	38 2-Butanone	72	6.417	6.391	(0.814)	25529	20.4375	2000
	39 Ethyl Acetate	70	6.454	6.437	(0.819)	59847	36.3864	3600
	40 Bromochloromethane	128	6.729	6.703	(0.854)	232258	19.9358	2000
	41 Tetrahydrofuran	42	6.774	6.768	(0.860)	77864	22.4664	2200
	42 Chloroform	83	6.802	6.777	(0.863)	698447	20.9489	2100
	43 1,1,1-Trichloroethane	97	7.067	7.044	(0.897)	544484	20.1286	2000
	44 Cyclohexane	56	7.131	7.117	(0.905)	340117	20.2819	2000
	45 Carbon Tetrachloride	117	7.277	7.253	(0.923)	508748	20.8421	2100
	46 1,1-Dichloropropene	75	7.268	7.244	(0.922)	469154	19.7412	2000
$	47 1,2-Dichloroethane-d4 (SUR)	65	7.468	7.452	(0.948)	730013	51.7859	5200
	48 Benzene	78	7.551	7.532	(0.666)	938478	19.6395	2000
	49 1,2-Dichloroethane	62	7.579	7.550	(0.962)	389124	21.1261	2100
	51 n-Heptane	57	7.797	7.789	(0.989)	122442	24.2887	2400
	50 t-Amyl-methyl-ether	73	7.643	7.615	(0.970)	994030	21.2886	2100
*	52 Fluorobenzene	96	7.880	7.862	(1.000)	2366790	50.0000	
	54 Trichloroethene	95	8.326	8.304	(1.057)	383241	20.0867	2000
	53 n-Butanol	43	8.173	8.162	(1.037)	240389	1467.96	150000
	56 Methyl cyclohexane	83	8.563	8.549	(1.087)	265611	21.6664	2200
	55 Ethyl Acrylate	55	8.407	8.385	(1.067)	440243	20.9973	2100
	57 1,2-Dichloropropane	63	8.618	8.604	(1.094)	412883	21.0934	2100
	58 Dibromomethane	93	8.764	8.749	(1.112)	320101	19.9149	2000
	60 1,4-Dioxane	88	8.745	8.749	(1.110)	18445	139.816	14000(a)
	59 Methyl Methacrylate	100	8.692	8.669	(1.103)	96910	21.4287	2100
	75 Propyl Acetate	43	8.745	8.731	(1.110)	1005296	41.4171	4100
	68 Bromodichloromethane	83	8.930	8.914	(1.133)	690368	21.0368	2100
	62 2-Chloroethyl Vinyl Ether	63	9.240	9.225	(1.173)	213725	20.2571	2000
	63 Epichlorohydrin	57	9.341	9.326	(0.824)	555151	380.062	38000
	67 cis-1,3-Dichloropropene	75	9.433	9.418	(0.832)	607482	20.6526	2100
	70 4-Methyl-2-Pentanone	43	9.590	9.574	(0.846)	329895	20.2904	2000
$	65 Toluene-d8 (SUR)	98	9.743	9.730	(0.859)	1938597	50.3540	5000
	66 Toluene	91	9.825	9.804	(0.867)	1012357	20.1784	2000

Data File: /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03692.d
Report Date: 16-Sep-2011 11:16

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	64 trans-1,3-Dichloropropene	75	10.054	10.042	(0.887)	499788	20.5255	2000
	69 1,1,2-Trichloroethane	83	10.266	10.259	(0.905)	288224	20.4907	2000
	71 Tetrachloroethene	166	10.428	10.425	(0.920)	368669	21.6011	2200
	72 1,3-Dichloropropane	76	10.465	10.453	(0.923)	535586	20.0745	2000
	73 2-Hexanone	43	10.511	10.508	(0.927)	184194	19.9382	2000
	74 Dibromochloromethane	129	10.725	10.710	(0.946)	565135	21.2338	2100
	76 Butyl Acetate	73	10.626	10.609	(0.937)	199323	40.1336	4000
	77 1,2-Dibromoethane	107	10.861	10.856	(0.958)	472462	20.2076	2000
*	78 Chlorobenzene-d5	117	11.338	11.328	(1.000)	1707001	50.0000	
	79 Chlorobenzene	112	11.366	11.365	(1.002)	708878	20.4945	2000
	80 1,1,1,2-Tetrachloroethane	131	11.445	11.438	(1.009)	412784	21.5566	2200
	81 Ethylbenzene	106	11.454	11.448	(1.010)	306944	21.7892	2200
	82 m+p-Xylene	106	11.575	11.568	(1.021)	800670	42.3686	4200
	84 o-Xylene	106	11.993	11.984	(1.058)	384579	20.4348	2000
	85 Styrene	104	12.002	11.993	(1.059)	699024	20.9409	2100
	83 Butyl Acrylate	73	11.887	11.874	(1.048)	296535	21.0497	2100
	86 Bromoform	173	12.233	12.229	(1.079)	385922	21.2552	2100
	87 Amyl Acetate	43	12.109	12.103	(0.880)	672626	31.0223	3100(R)
	88 Isopropylbenzene	105	12.347	12.338	(1.089)	946337	22.0189	2200
$	89 Bromofluorobenzene (SUR)	174	12.531	12.529	(0.910)	905178	49.8019	5000
	90 Camphene (total)	41	12.643	12.639	(1.115)	85882	22.6992	2300
	91 Bromobenzene	156	12.714	12.708	(0.924)	385757	20.6697	2100
	92 1,1,2,2-Tetrachloroethane	83	12.661	12.657	(0.920)	484189	20.8487	2100
	93 1,2,3-Trichloropropane	110	12.722	12.717	(0.924)	122786	19.2537	1900
	94 trans-1,4-Dichloro-2-butene	53	12.722	12.700	(0.924)	111603	22.6101	2300
	95 n-Propylbenzene	91	12.766	12.760	(0.927)	1040157	21.5317	2200
	96 2-Chlorotoluene	91	12.886	12.883	(0.936)	673070	22.3740	2200
	97 1,3,5-Trimethylbenzene	105	12.929	12.920	(0.939)	699862	20.9735	2100
	98 4-Chlorotoluene	91	12.998	12.993	(0.944)	845718	19.9148	2000
	99 Butyl Methacrylate	87	12.963	12.966	(0.942)	550759	20.9501	2100
	100 tert-Butylbenzene	119	13.291	13.286	(0.965)	734208	21.0631	2100
	101 1,2,4-Trimethylbenzene	105	13.336	13.332	(0.969)	730118	20.6876	2100
	102 2-Octanone	43	13.389	13.388	(0.973)	599490	21.1914	2100
	103 sec-Butylbenzene	105	13.523	13.524	(0.982)	925158	21.6817	2200
	105 1,3-Dichlorobenzene	146	13.698	13.698	(0.995)	472995	20.4337	2000
	107 p-Isopropyltoluene	119	13.664	13.661	(0.992)	758754	21.2314	2100
*	108 1,4-Dichlorobenzene-d4	152	13.767	13.760	(1.000)	805616	50.0000	
	109 1,4-Dichlorobenzene	146	13.793	13.797	(1.002)	577197	19.6388	2000
	110 Benzyl Chloride	91	13.944	13.935	(1.013)	580131	22.1318	2200
	106 n-Butylbenzene	91	14.131	14.128	(1.026)	644217	20.8228	2100
	111 1,2-Dichlorobenzene	146	14.247	14.238	(1.035)	514353	20.6083	2100
	112 1,2-Dibromo-3-chloropropane	75	15.221	15.200	(1.106)	87364	18.1321	1800
	113 Camphor	95	16.259	16.259	(1.181)	188937	98.0327	9800
	114 1,2,4-Trichlorobenzene	180	16.392	16.393	(1.191)	260234	21.2365	2100
	115 Hexachlorobutadiene	225	16.605	16.606	(1.206)	216419	13.8471	1400
	116 Naphthalene	128	16.842	16.838	(1.223)	436151	20.2351	2000
	117 1,2,3-Trichlorobenzene	180	17.262	17.269	(1.254)	218011	16.2782	1600

Data File: /chem/VOAMS8.i/8260_09/09-13-11A/15sep11.b/j03692.d
Report Date: 16-Sep-2011 11:16

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
M 120 1,2-Dichloroethene (Total)	100				691709	40.0218	4000
M 121 Xylene (Total)	100				1185249	62.8034	6300

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: j03692.d

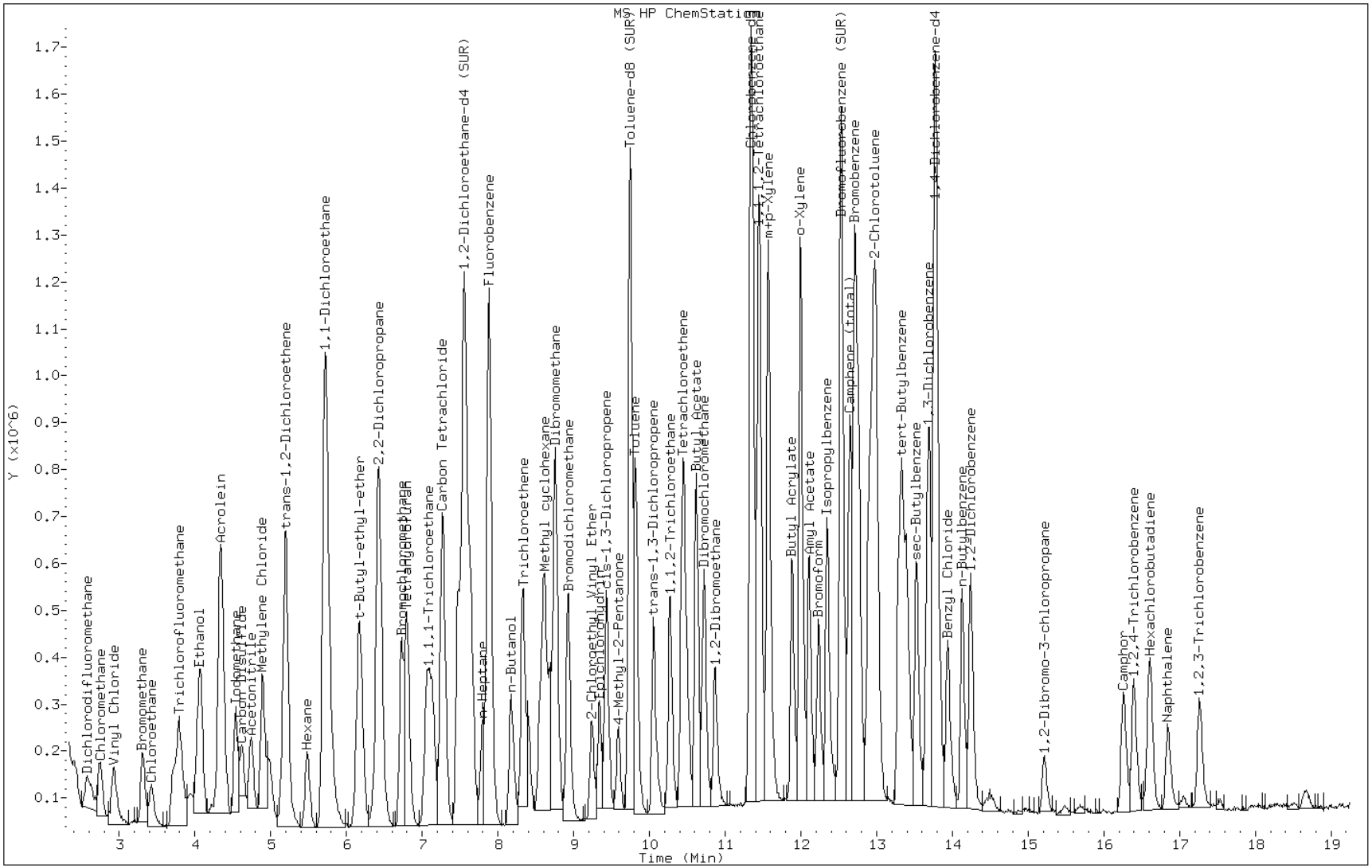
Date: 15-SEP-2011 05:29

Client ID:

Instrument: VOAMS8.i

Sample Info: LCSD

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-86290/4

Matrix: Solid Lab File ID: d12740.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/15/2011 20:19

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 86290 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	20.1		1.0	0.63
74-83-9	Bromomethane	19.4		1.0	0.41
75-01-4	Vinyl chloride	23.1		1.0	0.23
75-00-3	Chloroethane	19.1		1.0	0.40
75-09-2	Methylene Chloride	25.1		1.0	0.47
67-64-1	Acetone	31.9		10	3.7
75-15-0	Carbon disulfide	19.5		1.0	0.47
75-69-4	Trichlorofluoromethane	18.9		1.0	0.26
75-35-4	1,1-Dichloroethene	20.1		1.0	0.37
75-34-3	1,1-Dichloroethane	21.8		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	21.5		1.0	0.28
156-59-2	cis-1,2-Dichloroethene	21.4		1.0	0.24
67-66-3	Chloroform	21.1		1.0	0.24
78-93-3	2-Butanone	22.3		10	0.57
107-06-2	1,2-Dichloroethane	20.3		1.0	0.39
71-55-6	1,1,1-Trichloroethane	20.5		1.0	0.19
56-23-5	Carbon tetrachloride	21.2		1.0	0.10
71-43-2	Benzene	21.6		1.0	0.74
75-25-2	Bromoform	20.5		1.0	0.70
100-42-5	Styrene	19.9		1.0	0.35
100-41-4	Ethylbenzene	21.1		1.0	0.19
108-90-7	Chlorobenzene	19.3		1.0	0.48
110-82-7	Cyclohexane	24.9		1.0	0.22
98-82-8	Isopropylbenzene	20.2		1.0	0.26
591-78-6	2-Hexanone	21.1		10	1.7
1634-04-4	MTBE	20.5		1.0	0.34
76-13-1	Freon TF	23.6		1.0	0.48
79-20-9	Methyl acetate	18.3		1.0	0.90
123-91-1	1,4-Dioxane	130		50	4.2
79-01-6	Trichloroethene	20.8		1.0	0.36
108-88-3	Toluene	21.6		1.0	0.30
10061-02-6	trans-1,3-Dichloropropene	19.9		1.0	0.22
108-10-1	4-Methyl-2-pentanone	19.4		10	0.72
10061-01-5	cis-1,3-Dichloropropene	19.4		1.0	0.20
95-50-1	1,2-Dichlorobenzene	18.6		1.0	0.64
541-73-1	1,3-Dichlorobenzene	18.5		1.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-86290/4

Matrix: Solid | Lab File ID: d12740.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/15/2011 20:19

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 86290 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	18.2		1.0	0.71
120-82-1	1,2,4-Trichlorobenzene	17.1		1.0	0.54
87-61-6	1,2,3-Trichlorobenzene	16.5		1.0	0.65
78-87-5	1,2-Dichloropropane	20.2		1.0	0.32
108-87-2	Methylcyclohexane	22.7		1.0	0.27
127-18-4	Tetrachloroethene	20.9		1.0	0.33
1330-20-7	Xylenes, Total	60.3		3.0	0.79
96-12-8	1,2-Dibromo-3-Chloropropane	17.1		1.0	0.61
79-34-5	1,1,2,2-Tetrachloroethane	19.9		1.0	0.76
79-00-5	1,1,2-Trichloroethane	20.2		1.0	0.59
124-48-1	Dibromochloromethane	19.6		1.0	0.56
106-93-4	1,2-Dibromoethane	19.7		1.0	0.52
75-71-8	Dichlorodifluoromethane	21.6		1.0	0.41
74-97-5	Bromochloromethane	21.4		1.0	0.27
75-27-4	Bromodichloromethane	20.3		1.0	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-138
2037-26-5	Toluene-d8 (Surr)	98		66-126
460-00-4	Bromofluorobenzene	97		72-132

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/d12740.d
Report Date: 16-Sep-2011 03:40

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/d12740.d
Lab Smp Id: LCSD
Inj Date : 15-SEP-2011 20:19
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : LCSD
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/8260L_10.m
Meth Date : 15-Sep-2011 18:45 ken Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.d
Als bottle: 5 QC Sample: BSD
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)
M 14	1,2-Dichloroethene (total)	100				181616	42.9651	43
90	Dichlorodifluoromethane	85	1.280	1.280	(0.275)	125229	21.5782	22
1	Chloromethane	50	1.392	1.392	(0.299)	127008	20.0566	20
4	Vinyl Chloride	62	1.456	1.456	(0.313)	127136	23.1281	23
3	Bromomethane	94	1.656	1.656	(0.356)	62931	19.3732	19
5	Chloroethane	64	1.703	1.715	(0.366)	63455	19.1229	19
9	Trichlorofluoromethane	101	1.827	1.833	(0.392)	181862	18.9385	19
121	n-Pentane	72	1.774	1.786	(0.381)	16257	30.5416	30(R)
46	Ethyl Ether	59	1.992	1.992	(0.428)	75186	24.4485	24(R)
119	Isoprene	67	1.980	1.980	(0.425)	128262	25.9275	26(R)
47	Acrolein	56	2.356	2.356	(0.506)	200034	240.532	240
10	1,1-Dichloroethene	96	2.121	2.121	(0.456)	68025	20.1057	20
48	Freon TF	101	2.186	2.186	(0.469)	96970	23.6206	24
7	Acetone	43	2.580	2.574	(0.554)	52019	31.8729	32

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/d12740.d
Report Date: 16-Sep-2011 03:40

			QUANT SIG					CONCENTRATIONS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
	142	Iodomethane	142	2.215	2.221	(0.476)	144830	21.1735	21
	8	Carbon Disulfide	76	2.145	2.139	(0.461)	249564	19.5178	20
	50	Acetonitrile	41	2.921	2.915	(0.627)	372437	417.915	420
	125	Methyl acetate	74	2.668	2.662	(0.573)	18427	18.2562	18
	6	Methylene Chloride	84	2.533	2.533	(0.544)	104277	25.0511	25
	51	TBA	59	2.856	2.856	(0.613)	245577	395.990	400
	52	Acrylonitrile	53	3.145	3.150	(0.675)	265958	149.197	150
	12	trans-1,2-Dichloroethene	96	2.639	2.639	(0.567)	88522	21.5268	22
	53	MTBE	73	2.745	2.745	(0.589)	284837	20.4606	20
	54	Hexane	56	2.692	2.692	(0.578)	89722	25.7464	26(R)
	11	1,1-Dichloroethane	63	3.097	3.097	(0.665)	182793	21.8028	22
	57	Vinyl Acetate	43	3.309	3.309	(0.711)	228069	30.0725	30(R)
	55	DIPE	45	3.021	3.033	(0.649)	374632	21.6912	22
	149	tert-Butyl ethyl ether	59	3.309	3.309	(0.711)	310401	20.9942	21
	104	2,2-Dichloropropane	77	3.615	3.633	(0.776)	161733	22.3560	22
	13	cis-1,2-Dichloroethene	96	3.527	3.533	(0.757)	93094	21.4383	21
	18	2-Butanone	43	4.044	4.044	(0.869)	60337	22.3432	22
	56	Ethyl Acetate	70	3.897	3.886	(0.837)	17697	40.3890	40
	108	Bromochloromethane	128	3.692	3.692	(0.793)	45207	21.3790	21
	15	Chloroform	83	3.762	3.768	(0.808)	184293	21.1022	21
	20	1,1,1-Trichloroethane	97	3.933	3.933	(0.845)	170429	20.4644	20
	59	Cyclohexane	56	3.697	3.692	(0.794)	190111	24.8988	25(R)
	21	Carbon Tetrachloride	117	3.868	3.874	(0.831)	166981	21.1975	21
	92	1,1-Dichloropropene	75	4.033	4.033	(0.866)	134425	23.3575	23
$	16	1,2-Dichloroethane-d4 (SUR)	65	4.386	4.392	(0.942)	253546	46.5980	46
	28	Benzene	78	4.256	4.262	(0.914)	336194	21.5556	22
	17	1,2-Dichloroethane	62	4.450	4.450	(0.956)	143408	20.3266	20
	61	Isopropyl Acetate	43	4.744	4.744	(1.019)	384239	41.1530	41
	159	Methacrylonitrile	67	4.386	4.392	(0.942)	123158		(a)
	140	tert-Amylmethyl Ether	73	4.397	4.403	(0.944)	254258	21.3799	21
*	69	Fluorobenzene	96	4.656	4.656	(1.000)	571261	50.0000	
	62	n-Heptane	57	4.250	4.244	(0.529)	80190	25.2078	25
	25	Trichloroethene	95	4.821	4.821	(1.035)	85540	20.8477	21
	96	Ethyl Acrylate	55	5.439	5.439	(1.168)	88323	19.0998	19
	126	Methyl cyclohexane	83	4.803	4.815	(1.032)	161471	22.6769	23
	23	1,2-Dichloropropane	63	5.356	5.356	(1.150)	86189	20.1784	20
	109	Dibromomethane	93	5.250	5.250	(1.128)	49587	18.2556	18
	95	1,4-Dioxane	88	5.662	5.674	(1.216)	6648	129.737	130
	146	Methyl methacrylate	69	5.656	5.662	(1.215)	44212	18.4881	18
	64	Propyl Acetate	43	5.833	5.838	(1.253)	232126	32.1687	32
	22	Bromodichloromethane	83	5.444	5.444	(1.169)	119115	20.3039	20
	30	2-Chloroethyl Vinyl Ether	63	6.127	6.133	(1.316)	35746	17.4394	17
	118	Epichlorohydrin	57	6.468	6.474	(1.389)	145184	358.411	360
	24	cis-1,3-Dichloropropene	75	6.162	6.168	(1.323)	117396	19.4380	19
	33	4-Methyl-2-Pentanone	43	6.938	6.944	(1.490)	98847	19.3589	19
$	37	Toluene-d8 (SUR)	98	6.374	6.380	(0.793)	544185	49.1177	49
	38	Toluene	91	6.438	6.438	(0.802)	314490	21.5656	22

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/d12740.d
Report Date: 16-Sep-2011 03:40

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
29	trans-1,3-Dichloropropene	75	6.956	6.962	(0.866)	103997	19.8598	20
27	1,1,2-Trichloroethane	83	7.127	7.133	(0.887)	51631	20.2334	20
35	Tetrachloroethene	166	6.880	6.885	(0.856)	84370	20.8836	21
160	Ethyl methacrylate	69	6.944	6.938	(1.491)	356		(a)
103	1,3-Dichloropropane	76	7.403	7.409	(0.922)	102594	19.4706	19
34	2-Hexanone	43	7.821	7.821	(0.974)	68834	21.0547	21
26	Dibromochloromethane	129	7.303	7.303	(0.909)	71493	19.5583	20
65	Butyl Acetate	43	7.762	7.768	(0.966)	254700	39.7813	40
66	1,2-Dibromoethane	107	7.515	7.521	(0.936)	59814	19.6842	20
* 32	Chlorobenzene-d5	117	8.032	8.038	(1.000)	378401	50.0000	
39	Chlorobenzene	112	8.050	8.050	(1.002)	180211	19.2745	19
97	1,1,1,2-Tetrachloroethane	131	8.127	8.127	(1.012)	84882	20.8084	21
40	Ethylbenzene	106	8.097	8.103	(1.008)	103028	21.0684	21
43	m+p-Xylene	106	8.238	8.244	(1.026)	247870	40.2128	40
44	o-Xylene	106	8.615	8.615	(1.072)	127535	20.1218	20
42	Styrene	104	8.662	8.668	(1.078)	189685	19.9464	20
147	Butyl Acrylate	55	8.827	8.827	(0.884)	144454	20.6956	21
31	Bromoform	173	8.662	8.668	(1.078)	51267	20.5157	20
110	Isopropylbenzene	105	8.891	8.897	(1.107)	371714	20.2001	20
$ 41	Bromofluorobenzene (SUR)	174	9.109	9.115	(0.912)	202865	48.4384	48
150	Camphene	93	8.974	8.974	(0.899)	166523	27.7124	28
107	Bromobenzene	156	9.179	9.179	(0.919)	83508	18.8080	19
36	1,1,2,2-Tetrachloroethane	83	9.303	9.309	(0.932)	92632	19.8786	20
99	1,2,3-Trichloropropane	110	9.391	9.391	(0.940)	27517	20.6157	21
143	trans-1,4-Dichloro-2-butene	53	9.438	9.444	(2.027)	29452	22.4555	22
112	n-Propylbenzene	91	9.232	9.238	(0.925)	424888	19.8499	20
105	2-Chlorotoluene	91	9.338	9.344	(0.935)	252634	19.4742	19
106	4-Chlorotoluene	91	9.474	9.479	(0.949)	242964	19.2065	19
102	1,3,5-Trimethylbenzene	105	9.403	9.403	(0.942)	298981	19.1207	19
148	Butyl methacrylate	69	9.662	9.662	(0.968)	115243	17.0282	17
115	tert-Butylbenzene	119	9.644	9.644	(0.966)	244410	19.3183	19
100	1,2,4-Trimethylbenzene	105	9.697	9.703	(0.971)	309964	19.3599	19
151	2-Octanone	43	10.109	10.109	(1.012)	160599	25.0831	25
114	sec-Butylbenzene	105	9.779	9.779	(0.979)	386329	19.1464	19
67	1,3-Dichlorobenzene	146	9.926	9.926	(0.994)	155363	18.4893	18
153	2-Octanol	45	9.991	9.991	(1.001)	27499	18.0618	18
* 91	1,4-Dichlorobenzene-d4	152	9.985	9.991	(1.000)	206727	50.0000	
68	1,4-Dichlorobenzene	146	9.997	9.997	(1.001)	156890	18.2140	18
113	p-Isopropyltoluene	119	9.897	9.903	(0.991)	322183	19.2156	19
69	1,2-Dichlorobenzene	146	10.309	10.309	(1.032)	159725	18.5536	18
117	Benzyl chloride	126	10.197	10.197	(1.021)	28359	21.2564	21
111	n-Butylbenzene	92	10.215	10.215	(1.023)	183292	18.9721	19
101	1,2-Dibromo-3-chloropropane	75	10.903	10.903	(1.092)	19858	17.0512	17
152	Camphor	95	11.609	11.609	(1.163)	41424	64.8243	65
93	1,2,4-Trichlorobenzene	180	11.385	11.391	(1.140)	133866	17.0541	17
94	Hexachlorobutadiene	225	11.373	11.373	(1.139)	77989	17.1497	17
70	Naphthalene	128	11.638	11.638	(1.166)	311718	17.5839	18

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/15sep11a.b/d12740.d
Report Date: 16-Sep-2011 03:40

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	98 1,2,3-Trichlorobenzene	180	11.785	11.791	(1.180)	130107	16.4730	16
M	45 Xylene (Total)	100				375406	60.3349	60

QC Flag Legend

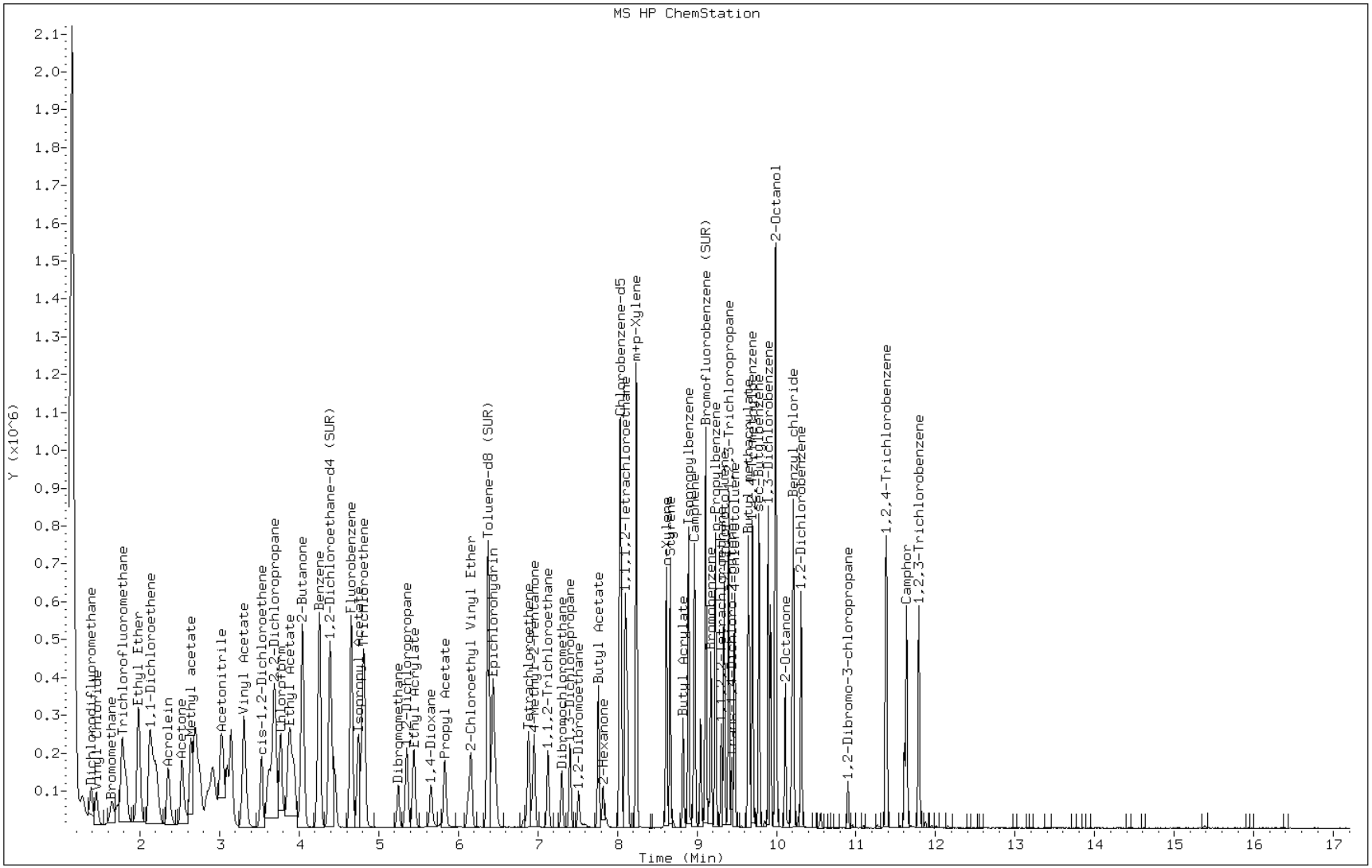
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: d12740.d

Date: 15-SEP-2011 20:19

Client ID: Instrument: VOAMS4.i

Sample Info: LCSD Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-86306/4

Matrix: Solid Lab File ID: d12765.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/16/2011 07:08

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 86306 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	22.4		1.0	0.63
74-83-9	Bromomethane	23.2		1.0	0.41
75-01-4	Vinyl chloride	21.9		1.0	0.23
75-00-3	Chloroethane	21.0		1.0	0.40
75-09-2	Methylene Chloride	22.5		1.0	0.47
67-64-1	Acetone	29.6		10	3.7
75-15-0	Carbon disulfide	20.6		1.0	0.47
75-69-4	Trichlorofluoromethane	22.3		1.0	0.26
75-35-4	1,1-Dichloroethene	20.7		1.0	0.37
75-34-3	1,1-Dichloroethane	19.9		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	19.7		1.0	0.28
156-59-2	cis-1,2-Dichloroethene	19.8		1.0	0.24
67-66-3	Chloroform	19.1		1.0	0.24
78-93-3	2-Butanone	17.1		10	0.57
107-06-2	1,2-Dichloroethane	19.7		1.0	0.39
71-55-6	1,1,1-Trichloroethane	20.5		1.0	0.19
56-23-5	Carbon tetrachloride	21.1		1.0	0.10
71-43-2	Benzene	19.5		1.0	0.74
75-25-2	Bromoform	19.4		1.0	0.70
100-42-5	Styrene	18.9		1.0	0.35
100-41-4	Ethylbenzene	19.1		1.0	0.19
108-90-7	Chlorobenzene	18.2		1.0	0.48
110-82-7	Cyclohexane	22.5		1.0	0.22
98-82-8	Isopropylbenzene	19.6		1.0	0.26
591-78-6	2-Hexanone	20.6		10	1.7
1634-04-4	MTBE	20.2		1.0	0.34
76-13-1	Freon TF	21.8		1.0	0.48
79-20-9	Methyl acetate	18.2		1.0	0.90
123-91-1	1,4-Dioxane	136		50	4.2
79-01-6	Trichloroethene	19.9		1.0	0.36
108-88-3	Toluene	18.5		1.0	0.30
10061-02-6	trans-1,3-Dichloropropene	18.7		1.0	0.22
108-10-1	4-Methyl-2-pentanone	18.3		10	0.72
10061-01-5	cis-1,3-Dichloropropene	18.0		1.0	0.20
95-50-1	1,2-Dichlorobenzene	18.1		1.0	0.64
541-73-1	1,3-Dichlorobenzene	18.7		1.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-86306/4

Matrix: Solid | Lab File ID: d12765.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/16/2011 07:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 86306 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	17.6		1.0	0.71
120-82-1	1,2,4-Trichlorobenzene	17.2		1.0	0.54
87-61-6	1,2,3-Trichlorobenzene	17.2		1.0	0.65
78-87-5	1,2-Dichloropropane	17.5		1.0	0.32
108-87-2	Methylcyclohexane	21.9		1.0	0.27
127-18-4	Tetrachloroethene	19.5		1.0	0.33
1330-20-7	Xylenes, Total	57.6		3.0	0.79
96-12-8	1,2-Dibromo-3-Chloropropane	17.4		1.0	0.61
79-34-5	1,1,2,2-Tetrachloroethane	17.3		1.0	0.76
79-00-5	1,1,2-Trichloroethane	17.8		1.0	0.59
124-48-1	Dibromochloromethane	18.3		1.0	0.56
106-93-4	1,2-Dibromoethane	17.6		1.0	0.52
75-71-8	Dichlorodifluoromethane	23.8		1.0	0.41
74-97-5	Bromochloromethane	20.0		1.0	0.27
75-27-4	Bromodichloromethane	18.3		1.0	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-138
2037-26-5	Toluene-d8 (Surr)	100		66-126
460-00-4	Bromofluorobenzene	95		72-132

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/16sep11.b/d12765.d
Report Date: 16-Sep-2011 08:22

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/16sep11.b/d12765.d
Lab Smp Id: LCSD
Inj Date : 16-SEP-2011 07:08
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : LCSD
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260L_10/09-03-11/16sep11.b/8260L_10.m
Meth Date : 16-Sep-2011 06:01 audberto Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.d
Als bottle: 4 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)
M 14	1,2-Dichloroethene (total)	100				122768	39.4531	39
90	Dichlorodifluoromethane	85	1.275	1.269	(0.275)	101713	23.8111	24
1	Chloromethane	50	1.381	1.375	(0.298)	104350	22.3879	22
4	Vinyl Chloride	62	1.452	1.446	(0.313)	88630	21.9050	22
3	Bromomethane	94	1.646	1.646	(0.355)	55578	23.2450	23
5	Chloroethane	64	1.693	1.699	(0.365)	51292	21.0007	21
9	Trichlorofluoromethane	101	1.816	1.816	(0.391)	157498	22.2830	22
121	n-Pentane	72	1.763	1.769	(0.380)	9094	23.2129	23
46	Ethyl Ether	59	1.981	1.987	(0.427)	48550	21.4489	21
119	Isoprene	67	1.963	1.969	(0.423)	77441	21.2680	21
47	Acrolein	56	2.346	2.352	(0.506)	185240	302.619	300
10	1,1-Dichloroethene	96	2.104	2.110	(0.454)	51566	20.7063	21
48	Freon TF	101	2.175	2.175	(0.469)	65811	21.7795	22
7	Acetone	43	2.557	2.563	(0.551)	35542	29.5862	30

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/16sep11.b/d12765.d
Report Date: 16-Sep-2011 08:22

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
142	Iodomethane	142	2.204	2.210	(0.475)	107196	21.2914	21
8	Carbon Disulfide	76	2.122	2.128	(0.457)	193932	20.6058	21
50	Acetonitrile	41	2.916	2.904	(0.629)	256829	391.537	390
125	Methyl acetate	74	2.657	2.652	(0.573)	13496	18.1658	18
6	Methylene Chloride	84	2.522	2.516	(0.544)	68863	22.4758	22
51	TBA	59	2.852	2.834	(0.615)	192166	420.983	420
52	Acrylonitrile	53	3.134	3.134	(0.675)	208788	159.127	160
12	trans-1,2-Dichloroethene	96	2.622	2.634	(0.565)	59527	19.6669	20
53	MTBE	73	2.734	2.734	(0.589)	207251	20.2260	20
54	Hexane	56	2.687	2.681	(0.579)	66017	25.7374	26(R)
11	1,1-Dichloroethane	63	3.081	3.087	(0.664)	122696	19.8828	20
57	Vinyl Acetate	43	3.293	3.299	(0.710)	106552	19.0878	19
55	DIPE	45	3.016	3.016	(0.650)	251439	19.7790	20
149	tert-Butyl ethyl ether	59	3.299	3.299	(0.711)	215705	19.8211	20
104	2,2-Dichloropropane	77	3.604	3.616	(0.777)	113784	21.3681	21
13	cis-1,2-Dichloroethene	96	3.516	3.516	(0.758)	63241	19.7862	20
18	2-Butanone	43	4.034	4.022	(0.869)	34062	17.1369	17
56	Ethyl Acetate	70	3.869	3.875	(0.834)	13218	40.9831	41
108	Bromochloromethane	128	3.675	3.681	(0.792)	31132	20.0026	20
15	Chloroform	83	3.751	3.751	(0.809)	122584	19.0698	19
20	1,1,1-Trichloroethane	97	3.922	3.922	(0.845)	125525	20.4776	20
59	Cyclohexane	56	3.681	3.681	(0.793)	126310	22.4752	22
21	Carbon Tetrachloride	117	3.857	3.863	(0.831)	122360	21.1034	21
92	1,1-Dichloropropene	75	4.016	4.022	(0.866)	90290	21.3148	21
$ 16	1,2-Dichloroethane-d4 (SUR)	65	4.369	4.375	(0.942)	211043	52.6956	53
28	Benzene	78	4.240	4.246	(0.914)	223633	19.4805	19
17	1,2-Dichloroethane	62	4.434	4.440	(0.956)	102122	19.6653	20
61	Isopropyl Acetate	43	4.728	4.734	(1.019)	273820	39.8435	40
159	Methacrylonitrile	67	4.369	4.375	(0.942)	99120		(a)
140	tert-Amylmethyl Ether	73	4.387	4.381	(0.945)	175474	20.0464	20
* 69	Fluorobenzene	96	4.640	4.646	(1.000)	420477	50.0000	
62	n-Heptane	57	4.234	4.234	(0.528)	56581	23.5632	24
25	Trichloroethene	95	4.810	4.810	(1.037)	60181	19.9270	20
96	Ethyl Acrylate	55	5.422	5.422	(1.169)	63282	18.5922	18
126	Methyl cyclohexane	83	4.793	4.798	(1.033)	114703	21.8854	22
23	1,2-Dichloropropane	63	5.340	5.340	(1.151)	55101	17.5262	18
109	Dibromomethane	93	5.234	5.234	(1.128)	36826	18.4193	18
95	1,4-Dioxane	88	5.657	5.669	(1.219)	5114	135.611	140
146	Methyl methacrylate	69	5.645	5.651	(1.217)	30687	17.4343	17
64	Propyl Acetate	43	5.822	5.828	(1.255)	172051	32.3936	32
22	Bromodichloromethane	83	5.428	5.434	(1.170)	79192	18.3395	18
30	2-Chloroethyl Vinyl Ether	63	6.110	6.116	(1.317)	24692	16.3666	16
118	Epichlorohydrin	57	6.457	6.463	(1.392)	112846	378.480	380
24	cis-1,3-Dichloropropene	75	6.145	6.151	(1.325)	80115	18.0221	18
33	4-Methyl-2-Pentanone	43	6.922	6.928	(1.492)	68938	18.3429	18
$ 37	Toluene-d8 (SUR)	98	6.363	6.363	(0.793)	416132	49.7590	50
38	Toluene	91	6.422	6.428	(0.801)	204143	18.5455	18

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/16sep11.b/d12765.d
Report Date: 16-Sep-2011 08:22

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
29	trans-1,3-Dichloropropene	75	6.951	6.951	(0.867)	74001	18.7215	19
27	1,1,2-Trichloroethane	83	7.122	7.122	(0.888)	34201	17.7564	18
35	Tetrachloroethene	166	6.869	6.869	(0.856)	59487	19.5069	20
160	Ethyl methacrylate	69	6.922	6.928	(1.492)	438		(a)
103	1,3-Dichloropropane	76	7.392	7.398	(0.922)	70417	17.7045	18
34	2-Hexanone	43	7.810	7.810	(0.974)	50953	20.6474	21
26	Dibromochloromethane	129	7.292	7.292	(0.909)	50412	18.2706	18
65	Butyl Acetate	43	7.757	7.757	(0.967)	185507	38.3849	38
66	1,2-Dibromoethane	107	7.504	7.510	(0.935)	40475	17.6463	18
* 32	Chlorobenzene-d5	117	8.022	8.028	(1.000)	285630	50.0000	
39	Chlorobenzene	112	8.039	8.039	(1.002)	128562	18.2164	18
97	1,1,1,2-Tetrachloroethane	131	8.116	8.116	(1.012)	60793	19.7437	20
40	Ethylbenzene	106	8.092	8.092	(1.009)	70362	19.0619	19
43	m+p-Xylene	106	8.234	8.234	(1.026)	179919	38.6692	39
44	o-Xylene	106	8.604	8.610	(1.073)	90563	18.9294	19
42	Styrene	104	8.657	8.657	(1.079)	136013	18.9479	19
147	Butyl Acrylate	55	8.816	8.822	(0.883)	101846	18.0336	18
31	Bromoform	173	8.657	8.657	(1.079)	36625	19.4168	19
110	Isopropylbenzene	105	8.886	8.886	(1.108)	272782	19.6385	20
$ 41	Bromofluorobenzene (SUR)	174	9.104	9.104	(0.912)	160753	47.4386	47
150	Camphene	93	8.963	8.963	(0.898)	103138	21.2134	21
107	Bromobenzene	156	9.175	9.175	(0.919)	62489	17.3945	17
36	1,1,2,2-Tetrachloroethane	83	9.298	9.298	(0.932)	65097	17.2652	17
99	1,2,3-Trichloropropane	110	9.386	9.386	(0.940)	20023	18.5409	18
143	trans-1,4-Dichloro-2-butene	53	9.433	9.433	(2.033)	20352	21.0821	21
112	n-Propylbenzene	91	9.228	9.228	(0.925)	322040	18.5944	18
105	2-Chlorotoluene	91	9.333	9.333	(0.935)	186614	17.7788	18
106	4-Chlorotoluene	91	9.469	9.469	(0.949)	182962	17.8755	18
102	1,3,5-Trimethylbenzene	105	9.398	9.398	(0.942)	230039	18.1824	18
148	Butyl methacrylate	69	9.657	9.657	(0.968)	85158	15.5513	16
115	tert-Butylbenzene	119	9.639	9.639	(0.966)	188843	18.4477	18
100	1,2,4-Trimethylbenzene	105	9.692	9.692	(0.971)	238918	18.4429	18
151	2-Octanone	43	10.104	10.104	(1.012)	100871	19.4713	19
114	sec-Butylbenzene	105	9.775	9.775	(0.979)	307184	18.8156	19
67	1,3-Dichlorobenzene	146	9.922	9.922	(0.994)	127037	18.6850	19
153	2-Octanol	45	9.986	9.986	(1.001)	25191	20.4493	20
* 91	1,4-Dichlorobenzene-d4	152	9.980	9.980	(1.000)	167266	50.0000	
68	1,4-Dichlorobenzene	146	9.992	9.992	(1.001)	122867	17.6292	18
113	p-Isopropyltoluene	119	9.892	9.892	(0.991)	260455	19.1988	19
69	1,2-Dichlorobenzene	146	10.304	10.304	(1.032)	125852	18.0678	18
117	Benzyl chloride	126	10.186	10.192	(1.021)	23469	21.7413	22
111	n-Butylbenzene	92	10.210	10.210	(1.023)	147045	18.8110	19
101	1,2-Dibromo-3-chloropropane	75	10.892	10.892	(1.091)	16440	17.4470	17
152	Camphor	95	11.604	11.604	(1.163)	31132	60.2117	60
93	1,2,4-Trichlorobenzene	180	11.380	11.380	(1.140)	109359	17.2188	17
94	Hexachlorobutadiene	225	11.369	11.369	(1.139)	70314	19.1097	19
70	Naphthalene	128	11.633	11.633	(1.166)	242132	16.8809	17

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/16sep11.b/d12765.d
Report Date: 16-Sep-2011 08:22

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	98 1,2,3-Trichlorobenzene	180	11.780	11.780	(1.180)	110161	17.2381	17
M	45 Xylene (Total)	100				270482	57.5911	58

QC Flag Legend

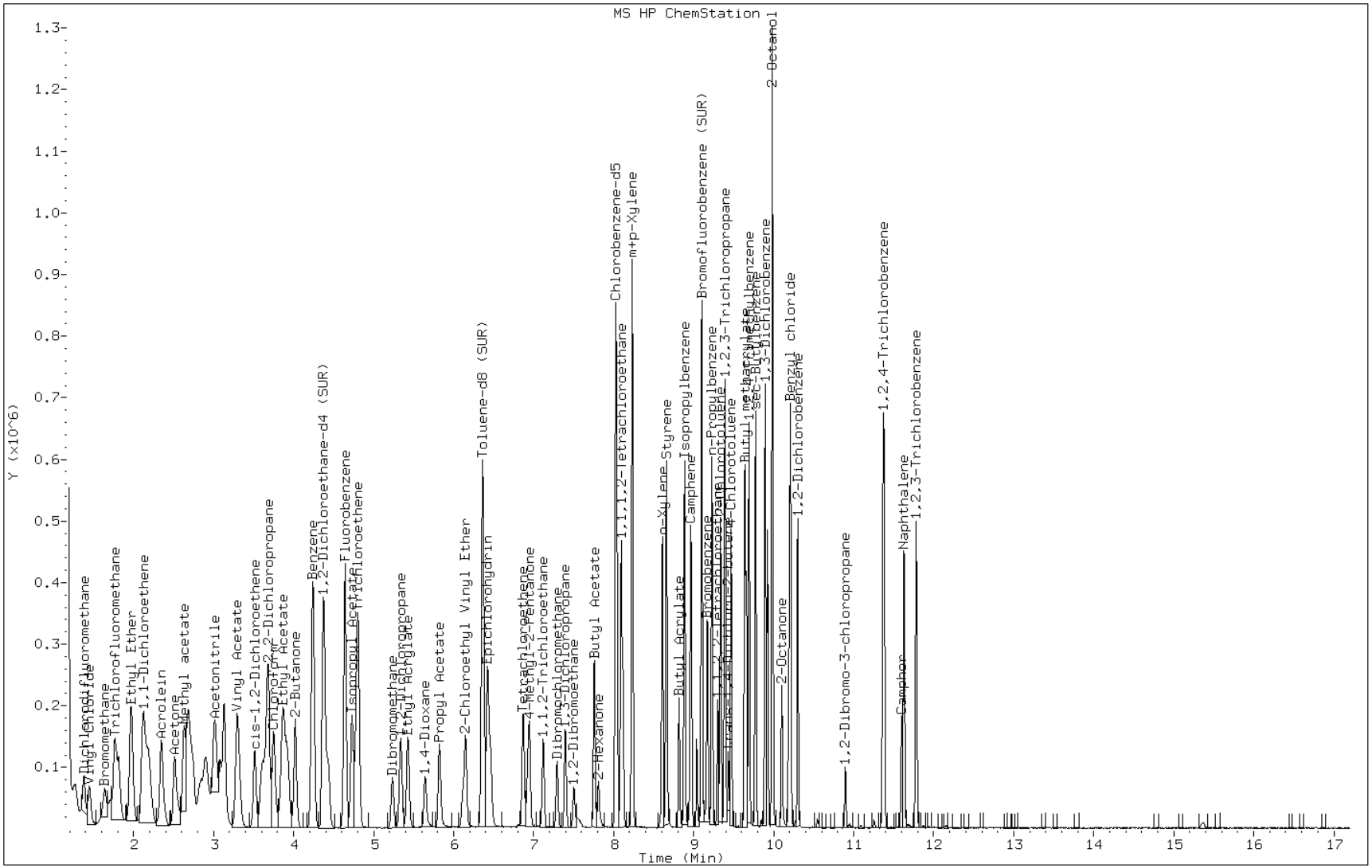
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: d12765.d

Date: 16-SEP-2011 07:08

Client ID: Instrument: VOAMS4.i

Sample Info: LCSD Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-86784/4

Matrix: Solid Lab File ID: d12881.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/21/2011 05:48

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 86784 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	19.7		1.0	0.63
74-83-9	Bromomethane	21.2		1.0	0.41
75-01-4	Vinyl chloride	20.6		1.0	0.23
75-00-3	Chloroethane	19.3		1.0	0.40
75-09-2	Methylene Chloride	22.4		1.0	0.47
67-64-1	Acetone	26.8		10	3.7
75-15-0	Carbon disulfide	21.6		1.0	0.47
75-69-4	Trichlorofluoromethane	19.9		1.0	0.26
75-35-4	1,1-Dichloroethene	21.2		1.0	0.37
75-34-3	1,1-Dichloroethane	20.1		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	19.9		1.0	0.28
156-59-2	cis-1,2-Dichloroethene	19.3		1.0	0.24
67-66-3	Chloroform	19.5		1.0	0.24
78-93-3	2-Butanone	20.5		10	0.57
107-06-2	1,2-Dichloroethane	20.0		1.0	0.39
71-55-6	1,1,1-Trichloroethane	21.4		1.0	0.19
56-23-5	Carbon tetrachloride	22.1		1.0	0.10
71-43-2	Benzene	19.2		1.0	0.74
75-25-2	Bromoform	20.1		1.0	0.70
100-42-5	Styrene	18.5		1.0	0.35
100-41-4	Ethylbenzene	18.7		1.0	0.19
108-90-7	Chlorobenzene	18.1		1.0	0.48
110-82-7	Cyclohexane	23.2		1.0	0.22
98-82-8	Isopropylbenzene	19.1		1.0	0.26
591-78-6	2-Hexanone	22.6		10	1.7
1634-04-4	MTBE	22.2		1.0	0.34
76-13-1	Freon TF	22.6		1.0	0.48
79-20-9	Methyl acetate	24.4		1.0	0.90
123-91-1	1,4-Dioxane	172		50	4.2
79-01-6	Trichloroethene	19.1		1.0	0.36
108-88-3	Toluene	18.1		1.0	0.30
10061-02-6	trans-1,3-Dichloropropene	19.2		1.0	0.22
108-10-1	4-Methyl-2-pentanone	21.0		10	0.72
10061-01-5	cis-1,3-Dichloropropene	18.8		1.0	0.20
95-50-1	1,2-Dichlorobenzene	17.5		1.0	0.64
541-73-1	1,3-Dichlorobenzene	17.6		1.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-86784/4

Matrix: Solid | Lab File ID: d12881.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/21/2011 05:48

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 86784 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	17.1		1.0	0.71
120-82-1	1,2,4-Trichlorobenzene	16.5		1.0	0.54
87-61-6	1,2,3-Trichlorobenzene	17.0		1.0	0.65
78-87-5	1,2-Dichloropropane	18.1		1.0	0.32
108-87-2	Methylcyclohexane	23.0		1.0	0.27
127-18-4	Tetrachloroethene	18.1		1.0	0.33
1330-20-7	Xylenes, Total	55.6		3.0	0.79
96-12-8	1,2-Dibromo-3-Chloropropane	18.1		1.0	0.61
79-34-5	1,1,2,2-Tetrachloroethane	17.8		1.0	0.76
79-00-5	1,1,2-Trichloroethane	18.1		1.0	0.59
124-48-1	Dibromochloromethane	18.9		1.0	0.56
106-93-4	1,2-Dibromoethane	18.1		1.0	0.52
75-71-8	Dichlorodifluoromethane	20.4		1.0	0.41
74-97-5	Bromochloromethane	20.6		1.0	0.27
75-27-4	Bromodichloromethane	18.9		1.0	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		70-138
2037-26-5	Toluene-d8 (Surr)	98		66-126
460-00-4	Bromofluorobenzene	93		72-132

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/21sep11.b/d12881.d
Report Date: 21-Sep-2011 05:54

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/09-03-11/21sep11.b/d12881.d
Lab Smp Id: LCSD
Inj Date : 21-SEP-2011 05:48
Operator : VOAMS 9 Inst ID: VOAMS4.i
Smp Info : LCSD
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260L_10/09-03-11/21sep11.b/8260L_10.m
Meth Date : 21-Sep-2011 05:11 audberto Quant Type: ISTD
Cal Date : 03-SEP-2011 05:39 Cal File: d12356.d
Als bottle: 4 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)
M 14	1,2-Dichloroethene (total)	100				120309	39.2197	39
90	Dichlorodifluoromethane	85	1.275	1.263	(0.274)	85820	20.3707	20
1	Chloromethane	50	1.381	1.369	(0.297)	90712	19.7332	20
4	Vinyl Chloride	62	1.446	1.440	(0.311)	82143	20.5848	20
3	Bromomethane	94	1.640	1.634	(0.353)	50001	21.2041	21
5	Chloroethane	64	1.704	1.687	(0.367)	46397	19.2612	19
9	Trichlorofluoromethane	101	1.822	1.810	(0.392)	138543	19.8745	20
121	n-Pentane	72	1.775	1.757	(0.382)	9456	24.4731	24
46	Ethyl Ether	59	1.981	1.975	(0.426)	51222	22.9446	23
119	Isoprene	67	1.969	1.957	(0.424)	79475	22.1310	22
47	Acrolein	56	2.346	2.340	(0.505)	179074	296.626	300
10	1,1-Dichloroethene	96	2.110	2.099	(0.454)	52033	21.1852	21
48	Freon TF	101	2.181	2.169	(0.469)	67496	22.6487	23
7	Acetone	43	2.569	2.552	(0.553)	31741	26.7907	27

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/21sep11.b/d12881.d
Report Date: 21-Sep-2011 05:54

							CONCENTRATIONS	
		QUANT SIG					ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/Kg)
	142 Iodomethane	142	2.204	2.204	(0.475)	110341	22.2218	22
	8 Carbon Disulfide	76	2.128	2.122	(0.458)	200072	21.5547	22
	50 Acetonitrile	41	2.904	2.893	(0.625)	302398	467.435	470
	125 Methyl acetate	74	2.651	2.640	(0.571)	17866	24.3834	24
	6 Methylene Chloride	84	2.516	2.510	(0.542)	67720	22.4111	22
	51 TBA	59	2.846	2.822	(0.613)	213012	473.158	470
	52 Acrylonitrile	53	3.134	3.122	(0.675)	229662	177.477	180
	12 trans-1,2-Dichloroethene	96	2.628	2.622	(0.566)	59340	19.8783	20
	53 MTBE	73	2.728	2.722	(0.587)	224714	22.2360	22
	54 Hexane	56	2.681	2.675	(0.577)	61635	24.3644	24
	11 1,1-Dichloroethane	63	3.087	3.081	(0.664)	122215	20.0810	20
	57 Vinyl Acetate	43	3.298	3.293	(0.710)	109168	19.8291	20
	55 DIPE	45	3.010	3.004	(0.648)	261561	20.8621	21
	149 tert-Butyl ethyl ether	59	3.304	3.287	(0.711)	226244	21.0794	21
	104 2,2-Dichloropropane	77	3.616	3.616	(0.778)	121532	23.1416	23
	13 cis-1,2-Dichloroethene	96	3.516	3.510	(0.757)	60969	19.3414	19
	18 2-Butanone	43	4.022	4.016	(0.866)	40168	20.4905	20
	56 Ethyl Acetate	70	3.875	3.857	(0.834)	12920	40.6176	41
	108 Bromochloromethane	128	3.675	3.669	(0.791)	31546	20.5506	20
	15 Chloroform	83	3.751	3.746	(0.808)	123893	19.5421	20
	20 1,1,1-Trichloroethane	97	3.916	3.916	(0.843)	129435	21.4100	21
	59 Cyclohexane	56	3.675	3.675	(0.791)	128690	23.2179	23
	21 Carbon Tetrachloride	117	3.863	3.851	(0.832)	126531	22.1269	22
	92 1,1-Dichloropropene	75	4.022	4.016	(0.866)	83733	20.0423	20
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.375	4.363	(0.942)	217573	55.0836	55
	28 Benzene	78	4.245	4.240	(0.914)	217875	19.2435	19
	17 1,2-Dichloroethane	62	4.440	4.434	(0.956)	102435	20.0008	20
	61 Isopropyl Acetate	43	4.734	4.728	(1.019)	294427	43.4395	43
	159 Methacrylonitrile	67	4.375	4.369	(0.942)	102010		(a)
	140 tert-Amylmethyl Ether	73	4.387	4.375	(0.944)	193193	22.3784	22
*	69 Fluorobenzene	96	4.645	4.640	(1.000)	414695	50.0000	
	62 n-Heptane	57	4.240	4.228	(0.528)	55191	22.0559	22
	25 Trichloroethene	95	4.810	4.804	(1.035)	56985	19.1320	19
	96 Ethyl Acrylate	55	5.422	5.422	(1.167)	68664	20.4547	20
	126 Methyl cyclohexane	83	4.792	4.793	(1.032)	118908	23.0041	23
	23 1,2-Dichloropropane	63	5.340	5.340	(1.149)	56045	18.0749	18
	109 Dibromomethane	93	5.234	5.228	(1.127)	36514	18.5180	18
	95 1,4-Dioxane	88	5.669	5.651	(1.220)	6390	171.798	170
	146 Methyl methacrylate	69	5.645	5.645	(1.215)	34186	19.6933	20
	64 Propyl Acetate	43	5.822	5.816	(1.253)	188094	35.9080	36
	22 Bromodichloromethane	83	5.434	5.428	(1.170)	80597	18.9250	19
	30 2-Chloroethyl Vinyl Ether	63	6.116	6.116	(1.317)	28226	18.9696	19
	118 Epichlorohydrin	57	6.463	6.457	(1.391)	129254	439.555	440
	24 cis-1,3-Dichloropropene	75	6.151	6.145	(1.324)	82550	18.8286	19
	33 4-Methyl-2-Pentanone	43	6.928	6.922	(1.491)	77967	21.0347	21
$	37 Toluene-d8 (SUR)	98	6.363	6.363	(0.793)	427359	49.0370	49
	38 Toluene	91	6.428	6.422	(0.801)	208196	18.1496	18

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/21sep11.b/d12881.d
Report Date: 21-Sep-2011 05:54

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
29	trans-1,3-Dichloropropene	75	6.951	6.945	(0.866)	79122	19.2082	19
27	1,1,2-Trichloroethane	83	7.122	7.116	(0.887)	36251	18.0601	18
35	Tetrachloroethene	166	6.875	6.869	(0.856)	57633	18.1354	18
160	Ethyl methacrylate	69	6.939	6.939	(1.494)	339		(a)
103	1,3-Dichloropropane	76	7.398	7.392	(0.922)	74844	18.0573	18
34	2-Hexanone	43	7.816	7.810	(0.974)	58113	22.5972	22
26	Dibromochloromethane	129	7.292	7.292	(0.908)	54334	18.8964	19
65	Butyl Acetate	43	7.757	7.751	(0.966)	207759	41.2525	41
66	1,2-Dibromoethane	107	7.504	7.504	(0.935)	43347	18.1348	18
* 32	Chlorobenzene-d5	117	8.028	8.028	(1.000)	297655	50.0000	
39	Chlorobenzene	112	8.039	8.039	(1.001)	133168	18.1068	18
97	1,1,1,2-Tetrachloroethane	131	8.122	8.116	(1.012)	63477	19.7824	20
40	Ethylbenzene	106	8.092	8.092	(1.008)	71914	18.6952	19
43	m+p-Xylene	106	8.233	8.233	(1.026)	179241	36.9671	37
44	o-Xylene	106	8.610	8.610	(1.073)	92761	18.6056	19
42	Styrene	104	8.657	8.657	(1.078)	138668	18.5373	18
147	Butyl Acrylate	55	8.816	8.816	(0.883)	112615	19.0333	19
31	Bromoform	173	8.657	8.657	(1.078)	39421	20.0548	20
110	Isopropylbenzene	105	8.886	8.886	(1.107)	276619	19.1102	19
$ 41	Bromofluorobenzene (SUR)	174	9.104	9.104	(0.912)	165935	46.7405	47
150	Camphene	93	8.969	8.963	(0.899)	106868	20.9807	21
107	Bromobenzene	156	9.175	9.175	(0.919)	65635	17.4390	17
36	1,1,2,2-Tetrachloroethane	83	9.298	9.298	(0.932)	70176	17.7657	18
99	1,2,3-Trichloropropane	110	9.386	9.386	(0.940)	22159	19.5849	20
143	trans-1,4-Dichloro-2-butene	53	9.433	9.433	(2.031)	22039	23.1469	23
112	n-Propylbenzene	91	9.227	9.228	(0.925)	326123	17.9737	18
105	2-Chlorotoluene	91	9.333	9.333	(0.935)	187049	17.0096	17
106	4-Chlorotoluene	91	9.469	9.469	(0.949)	185119	17.2635	17
102	1,3,5-Trimethylbenzene	105	9.398	9.398	(0.942)	233906	17.6470	18
148	Butyl methacrylate	69	9.657	9.657	(0.968)	89908	15.6720	16
115	tert-Butylbenzene	119	9.639	9.639	(0.966)	184127	17.1688	17
100	1,2,4-Trimethylbenzene	105	9.692	9.692	(0.971)	240479	17.7191	18
151	2-Octanone	43	10.104	10.104	(1.012)	115895	21.3540	21
114	sec-Butylbenzene	105	9.775	9.775	(0.979)	303870	17.7660	18
67	1,3-Dichlorobenzene	146	9.922	9.922	(0.994)	125264	17.5861	18
153	2-Octanol	45	9.986	9.986	(1.001)	31816	24.6527	25
* 91	1,4-Dichlorobenzene-d4	152	9.980	9.980	(1.000)	175237	50.0000	
68	1,4-Dichlorobenzene	146	9.992	9.992	(1.001)	124964	17.1146	17
113	p-Isopropyltoluene	119	9.892	9.892	(0.991)	251337	17.6840	18
69	1,2-Dichlorobenzene	146	10.304	10.304	(1.032)	127363	17.4529	17
117	Benzyl chloride	126	10.186	10.192	(1.021)	25288	22.3609	22
111	n-Butylbenzene	92	10.210	10.210	(1.023)	146649	17.9071	18
101	1,2-Dibromo-3-chloropropane	75	10.892	10.892	(1.091)	17823	18.0542	18
152	Camphor	95	11.604	11.604	(1.163)	37954	70.0669	70
93	1,2,4-Trichlorobenzene	180	11.380	11.380	(1.140)	109985	16.5296	16
94	Hexachlorobutadiene	225	11.369	11.369	(1.139)	67175	17.4261	17
70	Naphthalene	128	11.633	11.633	(1.166)	267457	17.7984	18

Data File: /chem/VOAMS4.i/8260L_10/09-03-11/21sep11.b/d12881.d
Report Date: 21-Sep-2011 05:54

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	98 1,2,3-Trichlorobenzene	180	11.780	11.780	(1.180)	114141	17.0486	17
M	45 Xylene (Total)	100				272002	55.5750	56

QC Flag Legend

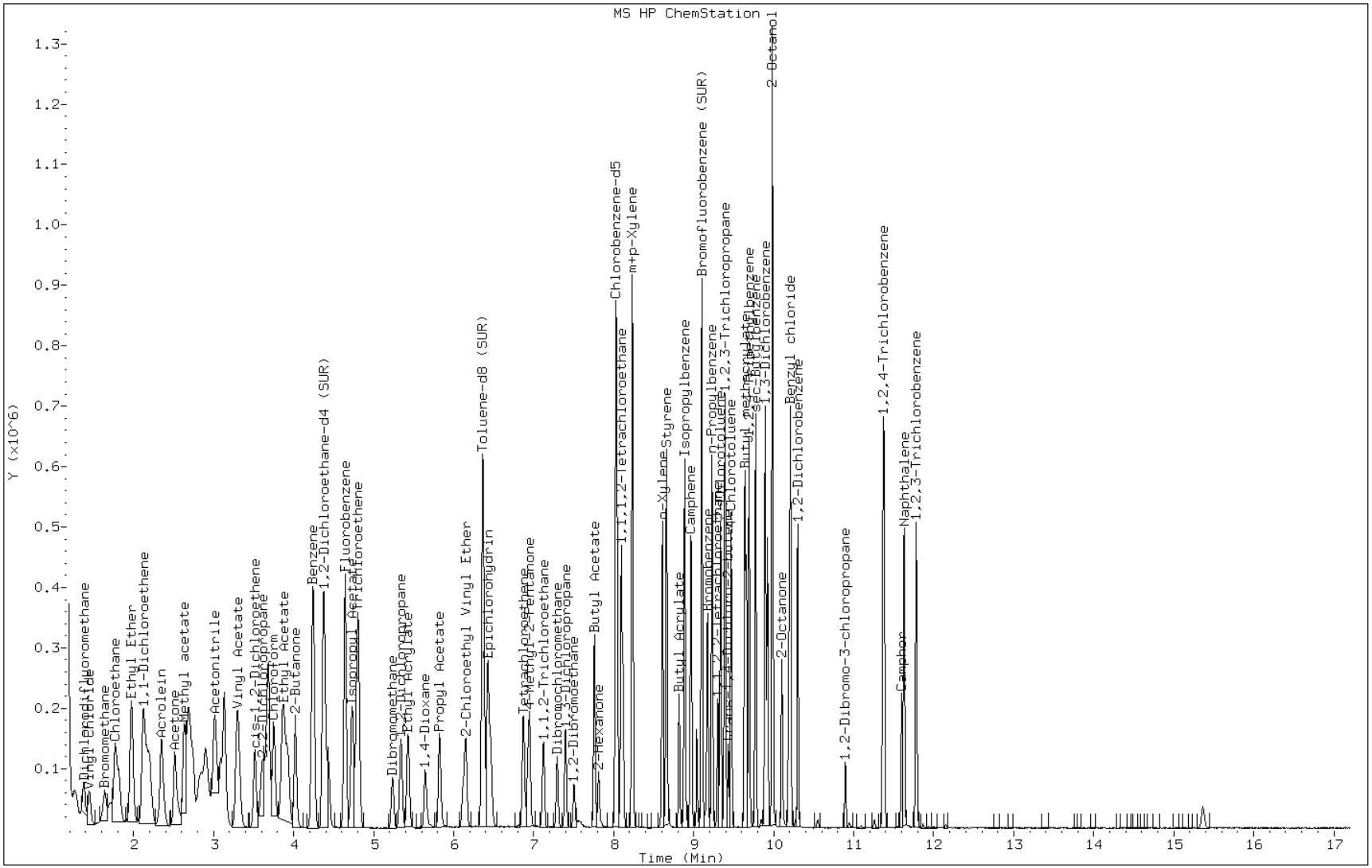
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: d12881.d

Date: 21-SEP-2011 05:48

Client ID: Instrument: VOAMS4.i

Sample Info: LCSD Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-30743-B-7 MS

Matrix: Water | Lab File ID: a67842.d

Analysis Method: 8260B | Date Collected: 09/07/2011 11:55

Sample wt/vol: 5(mL) | Date Analyzed: 09/12/2011 10:06

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 85734 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	19.5		1.0	0.21
74-83-9	Bromomethane	11.9		1.0	0.31
75-01-4	Vinyl chloride	19.3		1.0	0.13
75-00-3	Chloroethane	14.2		1.0	0.45
75-09-2	Methylene Chloride	16.9		1.0	0.19
67-64-1	Acetone	14.0		10	2.5
75-15-0	Carbon disulfide	14.6		1.0	0.15
75-69-4	Trichlorofluoromethane	16.1		1.0	0.16
75-35-4	1,1-Dichloroethene	16.6		1.0	0.14
75-34-3	1,1-Dichloroethane	17.8		1.0	0.10
156-60-5	trans-1,2-Dichloroethene	16.3		1.0	0.14
156-59-2	cis-1,2-Dichloroethene	18.2		1.0	0.20
67-66-3	Chloroform	17.8		1.0	0.15
78-93-3	2-Butanone	17.7		10	0.82
107-06-2	1,2-Dichloroethane	15.6		1.0	0.24
71-55-6	1,1,1-Trichloroethane	17.1		1.0	0.25
56-23-5	Carbon tetrachloride	18.1		1.0	0.19
71-43-2	Benzene	18.6		1.0	0.13
75-25-2	Bromoform	15.6		1.0	0.10
100-42-5	Styrene	16.6		1.0	0.13
100-41-4	Ethylbenzene	17.8		1.0	0.25
108-90-7	Chlorobenzene	18.5		1.0	0.16
110-82-7	Cyclohexane	17.1		1.0	0.13
98-82-8	Isopropylbenzene	18.4		1.0	0.21
591-78-6	2-Hexanone	13.7		10	0.55
1634-04-4	MTBE	15.7		1.0	0.18
76-13-1	Freon TF	17.2		1.0	0.28
79-20-9	Methyl acetate	12.3		2.0	0.33
123-91-1	1,4-Dioxane	156		50	8.4
79-01-6	Trichloroethene	20.0		1.0	0.18
108-88-3	Toluene	18.0		1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	15.0		1.0	0.12
108-10-1	4-Methyl-2-pentanone	14.8		10	0.68
10061-01-5	cis-1,3-Dichloropropene	15.9		1.0	0.11
95-50-1	1,2-Dichlorobenzene	19.2		1.0	0.16
541-73-1	1,3-Dichlorobenzene	17.7		1.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-30743-B-7 MS

Matrix: Water | Lab File ID: a67842.d

Analysis Method: 8260B | Date Collected: 09/07/2011 11:55

Sample wt/vol: 5(mL) | Date Analyzed: 09/12/2011 10:06

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 85734 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	18.0		1.0	0.15
120-82-1	1,2,4-Trichlorobenzene	20.2		1.0	0.44
87-61-6	1,2,3-Trichlorobenzene	18.1		1.0	0.83
78-87-5	1,2-Dichloropropane	17.9		1.0	0.090
108-87-2	Methylcyclohexane	16.7		1.0	0.090
127-18-4	Tetrachloroethene	20.6		1.0	0.20
1330-20-7	Xylenes, Total	52.3		3.0	0.43
96-12-8	1,2-Dibromo-3-Chloropropane	15.0		1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	16.8		1.0	0.090
79-00-5	1,1,2-Trichloroethane	17.5		1.0	0.10
124-48-1	Dibromochloromethane	16.3		1.0	0.11
106-93-4	1,2-Dibromoethane	18.0		1.0	0.090
75-71-8	Dichlorodifluoromethane	21.1		1.0	0.29
74-97-5	Bromochloromethane	18.4		1.0	0.17
75-27-4	Bromodichloromethane	16.7		1.0	0.093

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	82		70-122
2037-26-5	Toluene-d8 (Surr)	97		69-125
460-00-4	Bromofluorobenzene	93		69-135

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-30743-B-7 MSD

Matrix: Water | Lab File ID: a67843.d

Analysis Method: 8260B | Date Collected: 09/07/2011 11:55

Sample wt/vol: 5(mL) | Date Analyzed: 09/12/2011 10:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 85734 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	20.6		1.0	0.21
74-83-9	Bromomethane	12.7		1.0	0.31
75-01-4	Vinyl chloride	20.6		1.0	0.13
75-00-3	Chloroethane	15.5		1.0	0.45
75-09-2	Methylene Chloride	18.0		1.0	0.19
67-64-1	Acetone	14.9		10	2.5
75-15-0	Carbon disulfide	15.4		1.0	0.15
75-69-4	Trichlorofluoromethane	16.9		1.0	0.16
75-35-4	1,1-Dichloroethene	17.9		1.0	0.14
75-34-3	1,1-Dichloroethane	19.0		1.0	0.10
156-60-5	trans-1,2-Dichloroethene	17.6		1.0	0.14
156-59-2	cis-1,2-Dichloroethene	19.5		1.0	0.20
67-66-3	Chloroform	18.9		1.0	0.15
78-93-3	2-Butanone	17.7		10	0.82
107-06-2	1,2-Dichloroethane	16.8		1.0	0.24
71-55-6	1,1,1-Trichloroethane	18.4		1.0	0.25
56-23-5	Carbon tetrachloride	19.3		1.0	0.19
71-43-2	Benzene	19.8		1.0	0.13
75-25-2	Bromoform	17.2		1.0	0.10
100-42-5	Styrene	17.6		1.0	0.13
100-41-4	Ethylbenzene	18.8		1.0	0.25
108-90-7	Chlorobenzene	19.7		1.0	0.16
110-82-7	Cyclohexane	18.1		1.0	0.13
98-82-8	Isopropylbenzene	19.6		1.0	0.21
591-78-6	2-Hexanone	13.8		10	0.55
1634-04-4	MTBE	16.7		1.0	0.18
76-13-1	Freon TF	18.0		1.0	0.28
79-20-9	Methyl acetate	12.9		2.0	0.33
123-91-1	1,4-Dioxane	148		50	8.4
79-01-6	Trichloroethene	21.0		1.0	0.18
108-88-3	Toluene	19.1		1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	15.5		1.0	0.12
108-10-1	4-Methyl-2-pentanone	15.2		10	0.68
10061-01-5	cis-1,3-Dichloropropene	17.0		1.0	0.11
95-50-1	1,2-Dichlorobenzene	20.5		1.0	0.16
541-73-1	1,3-Dichlorobenzene	19.1		1.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-30743-B-7 MSD

Matrix: Water | Lab File ID: a67843.d

Analysis Method: 8260B | Date Collected: 09/07/2011 11:55

Sample wt/vol: 5(mL) | Date Analyzed: 09/12/2011 10:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 85734 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	20.0		1.0	0.15
120-82-1	1,2,4-Trichlorobenzene	23.5		1.0	0.44
87-61-6	1,2,3-Trichlorobenzene	23.8		1.0	0.83
78-87-5	1,2-Dichloropropane	19.0		1.0	0.090
108-87-2	Methylcyclohexane	17.9		1.0	0.090
127-18-4	Tetrachloroethene	21.5		1.0	0.20
1330-20-7	Xylenes, Total	56.0		3.0	0.43
96-12-8	1,2-Dibromo-3-Chloropropane	17.5		1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	17.7		1.0	0.090
79-00-5	1,1,2-Trichloroethane	18.6		1.0	0.10
124-48-1	Dibromochloromethane	17.2		1.0	0.11
106-93-4	1,2-Dibromoethane	18.9		1.0	0.090
75-71-8	Dichlorodifluoromethane	21.8		1.0	0.29
74-97-5	Bromochloromethane	19.9		1.0	0.17
75-27-4	Bromodichloromethane	17.6		1.0	0.093

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	84		70-122
2037-26-5	Toluene-d8 (Surr)	97		69-125
460-00-4	Bromofluorobenzene	95		69-135

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Instrument ID: VOAMS1 Start Date: 08/31/2011 20:22

Analysis Batch Number: 84846 End Date: 09/01/2011 04:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-84846/1		08/31/2011 20:22	1	a67452.d	Rtx-624 0.25(mm)
IC 460-84846/2		08/31/2011 22:06	1	a67456.d	Rtx-624 0.25(mm)
ICIS 460-84846/3		08/31/2011 22:46	1	a67458.d	Rtx-624 0.25(mm)
IC 460-84846/4		08/31/2011 23:06	1	a67459.d	Rtx-624 0.25(mm)
IC 460-84846/5		08/31/2011 23:25	1	a67460.d	Rtx-624 0.25(mm)
IC 460-84846/6		08/31/2011 23:45	1	a67461.d	Rtx-624 0.25(mm)
IC 460-84846/7		09/01/2011 04:03	1	a67472.d	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Instrument ID: VOAMS1 Start Date: 09/12/2011 05:54

Analysis Batch Number: 85734 End Date: 09/12/2011 16:09

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-85734/1		09/12/2011 05:54	1	a67832.d	Rtx-624 0.25(mm)
CCVIS 460-85734/2		09/12/2011 06:34	1	a67834.d	Rtx-624 0.25(mm)
LCS 460-85734/3		09/12/2011 07:13	1	a67835.d	Rtx-624 0.25(mm)
MB 460-85734/4		09/12/2011 08:28	1	a67838.d	Rtx-624 0.25(mm)
ZZZZZ		09/12/2011 08:56	1		Rtx-624 0.25(mm)
ZZZZZ		09/12/2011 09:16	1		Rtx-624 0.25(mm)
ZZZZZ		09/12/2011 09:36	1		Rtx-624 0.25(mm)
460-30743-B-7 MS		09/12/2011 10:06	1	a67842.d	Rtx-624 0.25(mm)
460-30743-B-7 MSD		09/12/2011 10:26	1	a67843.d	Rtx-624 0.25(mm)
ZZZZZ		09/12/2011 11:52	1		Rtx-624 0.25(mm)
ZZZZZ		09/12/2011 12:12	1		Rtx-624 0.25(mm)
ZZZZZ		09/12/2011 12:32	1		Rtx-624 0.25(mm)
ZZZZZ		09/12/2011 12:52	1		Rtx-624 0.25(mm)
ZZZZZ		09/12/2011 13:12	1		Rtx-624 0.25(mm)
ZZZZZ		09/12/2011 13:31	1		Rtx-624 0.25(mm)
460-30837-30	FB_090811	09/12/2011 14:11	1	a67854.d	Rtx-624 0.25(mm)
460-30837-31	FB_090911	09/12/2011 14:30	1	a67855.d	Rtx-624 0.25(mm)
ZZZZZ		09/12/2011 14:50	1		Rtx-624 0.25(mm)
ZZZZZ		09/12/2011 15:10	1		Rtx-624 0.25(mm)
ZZZZZ		09/12/2011 15:29	1		Rtx-624 0.25(mm)
ZZZZZ		09/12/2011 16:09	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Instrument ID: VOAMS4 Start Date: 09/03/2011 02:30

Analysis Batch Number: 85142 End Date: 09/03/2011 08:04

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-85142/1		09/03/2011 02:30	1	d12348.d	Rtx-624 0.25(mm)
IC 460-85142/2		09/03/2011 03:40	1	d12351.d	Rtx-624 0.25(mm)
IC 460-85142/3		09/03/2011 04:27	1	d12353.d	Rtx-624 0.25(mm)
ICIS 460-85142/4		09/03/2011 04:51	1	d12354.d	Rtx-624 0.25(mm)
IC 460-85142/5		09/03/2011 05:15	1	d12355.d	Rtx-624 0.25(mm)
IC 460-85142/6		09/03/2011 05:39	1	d12356.d	Rtx-624 0.25(mm)
IC 460-85142/7		09/03/2011 06:04	1	d12357.d	Rtx-624 0.25(mm)
ZZZZZ		09/03/2011 08:04	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Instrument ID: VOAMS4 Start Date: 09/14/2011 04:02

Analysis Batch Number: 86004 End Date: 09/14/2011 15:20

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-86004/1		09/14/2011 04:02	1	d12659.d	Rtx-624 0.25(mm)
CCVIS 460-86004/2		09/14/2011 04:25	1	d12660.d	Rtx-624 0.25(mm)
LCS 460-86004/3		09/14/2011 04:49	1	d12661.d	Rtx-624 0.25(mm)
LCSD 460-86004/4		09/14/2011 05:52	1	d12662.d	Rtx-624 0.25(mm)
MB 460-86004/5		09/14/2011 06:51	1	d12664.d	Rtx-624 0.25(mm)
ZZZZZ		09/14/2011 07:16	1		Rtx-624 0.25(mm)
ZZZZZ		09/14/2011 07:40	1		Rtx-624 0.25(mm)
ZZZZZ		09/14/2011 08:05	1		Rtx-624 0.25(mm)
ZZZZZ		09/14/2011 08:29	1		Rtx-624 0.25(mm)
ZZZZZ		09/14/2011 08:53	1		Rtx-624 0.25(mm)
ZZZZZ		09/14/2011 09:17	1		Rtx-624 0.25(mm)
ZZZZZ		09/14/2011 09:42	1		Rtx-624 0.25(mm)
ZZZZZ		09/14/2011 10:06	1		Rtx-624 0.25(mm)
ZZZZZ		09/14/2011 10:31	1		Rtx-624 0.25(mm)
ZZZZZ		09/14/2011 10:54	1		Rtx-624 0.25(mm)
ZZZZZ		09/14/2011 11:19	1		Rtx-624 0.25(mm)
460-30837-8	PMP-22-VS-S (1.5-2.0)	09/14/2011 11:43	1	d12676.d	Rtx-624 0.25(mm)
460-30837-10	PMP-22-WT-S (7.0-8.5)	09/14/2011 12:08	1	d12677.d	Rtx-624 0.25(mm)
460-30837-11	PMP-23-VS-S (1-3)	09/14/2011 12:32	1	d12678.d	Rtx-624 0.25(mm)
460-30837-12	PMP-23-WT-S (6.5-8.5)	09/14/2011 12:56	1	d12679.d	Rtx-624 0.25(mm)
460-30837-13	PMP-23-VD-S (3.5-5.0)	09/14/2011 13:20	1	d12680.d	Rtx-624 0.25(mm)
460-30837-16	PMP-12-WT-S (7.0-7.5)	09/14/2011 14:08	1	d12682.d	Rtx-624 0.25(mm)
460-30837-17	Dup_090811	09/14/2011 14:32	1	d12683.d	Rtx-624 0.25(mm)
460-30837-18	PMP-25-VS-S (1-3)	09/14/2011 14:56	1	d12684.d	Rtx-624 0.25(mm)
ZZZZZ		09/14/2011 15:20	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Instrument ID: VOAMS4 Start Date: 09/15/2011 17:45

Analysis Batch Number: 86290 End Date: 09/16/2011 04:40

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-86290/1		09/15/2011 17:45	1	d12735.d	Rtx-624 0.25(mm)
CCVIS 460-86290/2		09/15/2011 18:34	1	d12737.d	Rtx-624 0.25(mm)
ZZZZZ		09/15/2011 19:18	1		Rtx-624 0.25(mm)
LCS 460-86290/23		09/15/2011 19:42	1	d12739.d	Rtx-624 0.25(mm)
LCSD 460-86290/4		09/15/2011 20:19	1	d12740.d	Rtx-624 0.25(mm)
MB 460-86290/5		09/15/2011 21:07	1	d12742.d	Rtx-624 0.25(mm)
ZZZZZ		09/15/2011 21:52	1		Rtx-624 0.25(mm)
ZZZZZ		09/15/2011 22:16	1		Rtx-624 0.25(mm)
ZZZZZ		09/15/2011 22:40	1		Rtx-624 0.25(mm)
ZZZZZ		09/15/2011 23:04	1		Rtx-624 0.25(mm)
ZZZZZ		09/15/2011 23:29	1		Rtx-624 0.25(mm)
460-30837-14	PMP-12-VS-S (0.5-1.0)	09/15/2011 23:53	1	d12748.d	Rtx-624 0.25(mm)
460-30837-15	PMP-12-VD-S (2.5-3.0)	09/16/2011 00:17	1	d12749.d	Rtx-624 0.25(mm)
460-30837-19	PMP-25-VD-S (3-5)	09/16/2011 00:41	1	d12750.d	Rtx-624 0.25(mm)
460-30837-20	PMP-25-WT-S (7.5-9.5)	09/16/2011 01:04	1	d12751.d	Rtx-624 0.25(mm)
460-30837-21	PMP-14-VS-S (0.5-1.0)	09/16/2011 01:28	1	d12752.d	Rtx-624 0.25(mm)
460-30837-22	PMP-14-VD-S (2.5-3.0)	09/16/2011 01:52	1	d12753.d	Rtx-624 0.25(mm)
460-30837-23	PMP-14-WT-S (7.0-7.5)	09/16/2011 02:16	1	d12754.d	Rtx-624 0.25(mm)
460-30837-24	PMP-8-VS-S (0.5-1.0)	09/16/2011 02:40	1	d12755.d	Rtx-624 0.25(mm)
460-30837-25	PMP-8-VD-S (2.5-3.0)	09/16/2011 03:04	1	d12756.d	Rtx-624 0.25(mm)
460-30837-26	PMP-8-WT-S (7.0-7.5)	09/16/2011 03:28	1	d12757.d	Rtx-624 0.25(mm)
ZZZZZ		09/16/2011 03:52	1		Rtx-624 0.25(mm)
ZZZZZ		09/16/2011 04:40	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Instrument ID: VOAMS4 Start Date: 09/16/2011 05:07

Analysis Batch Number: 86306 End Date: 09/16/2011 15:58

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-86306/1		09/16/2011 05:07	1	d12761.d	Rtx-624 0.25(mm)
CCVIS 460-86306/2		09/16/2011 05:54	1	d12762.d	Rtx-624 0.25(mm)
LCS 460-86306/3		09/16/2011 06:43	1	d12764.d	Rtx-624 0.25(mm)
LCSD 460-86306/4		09/16/2011 07:08	1	d12765.d	Rtx-624 0.25(mm)
MB 460-86306/5		09/16/2011 08:21	1	d12768.d	Rtx-624 0.25(mm)
ZZZZZ		09/16/2011 08:45	1		Rtx-624 0.25(mm)
ZZZZZ		09/16/2011 09:09	1		Rtx-624 0.25(mm)
ZZZZZ		09/16/2011 09:34	1		Rtx-624 0.25(mm)
ZZZZZ		09/16/2011 09:58	1		Rtx-624 0.25(mm)
ZZZZZ		09/16/2011 10:22	1		Rtx-624 0.25(mm)
ZZZZZ		09/16/2011 10:46	1		Rtx-624 0.25(mm)
ZZZZZ		09/16/2011 11:10	1		Rtx-624 0.25(mm)
460-30837-27	PMP-4-VS-S (0.5-1.0)	09/16/2011 11:34	1	d12776.d	Rtx-624 0.25(mm)
ZZZZZ		09/16/2011 11:58	1		Rtx-624 0.25(mm)
460-30837-32	TB_090911	09/16/2011 12:46	1	d12779.d	Rtx-624 0.25(mm)
460-30837-28	PMP-4-VD-S (2.5-3.0)	09/16/2011 13:10	1	d12780.d	Rtx-624 0.25(mm)
460-30837-29	PMP-4-WT-S (7.0-7.5)	09/16/2011 13:34	1	d12781.d	Rtx-624 0.25(mm)
ZZZZZ		09/16/2011 13:58	1		Rtx-624 0.25(mm)
ZZZZZ		09/16/2011 14:22	1		Rtx-624 0.25(mm)
ZZZZZ		09/16/2011 14:46	1		Rtx-624 0.25(mm)
ZZZZZ		09/16/2011 15:34	1		Rtx-624 0.25(mm)
ZZZZZ		09/16/2011 15:58	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Instrument ID: VOAMS4 Start Date: 09/21/2011 04:06

Analysis Batch Number: 86784 End Date: 09/21/2011 13:52

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-86784/1		09/21/2011 04:06	1	d12877.d	Rtx-624 0.25(mm)
CCVIS 460-86784/2		09/21/2011 04:36	1	d12878.d	Rtx-624 0.25(mm)
LCS 460-86784/3		09/21/2011 05:24	1	d12880.d	Rtx-624 0.25(mm)
LCSD 460-86784/4		09/21/2011 05:48	1	d12881.d	Rtx-624 0.25(mm)
MB 460-86784/5		09/21/2011 07:02	1	d12884.d	Rtx-624 0.25(mm)
ZZZZZ		09/21/2011 07:25	1		Rtx-624 0.25(mm)
ZZZZZ		09/21/2011 07:49	1		Rtx-624 0.25(mm)
460-30837-9	PMP-22-VD-S (3.5-5.0)	09/21/2011 08:13	1	d12887.d	Rtx-624 0.25(mm)
ZZZZZ		09/21/2011 11:53	1		Rtx-624 0.25(mm)
ZZZZZ		09/21/2011 12:17	1		Rtx-624 0.25(mm)
ZZZZZ		09/21/2011 12:41	1		Rtx-624 0.25(mm)
ZZZZZ		09/21/2011 13:05	1		Rtx-624 0.25(mm)
ZZZZZ		09/21/2011 13:29	1		Rtx-624 0.25(mm)
ZZZZZ		09/21/2011 13:52	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Instrument ID: VOAMS8 Start Date: 09/13/2011 18:49

Analysis Batch Number: 85995 End Date: 09/14/2011 06:22

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-85995/1		09/13/2011 18:49	1	j03625.d	DB-624 0.53(mm)
IC 460-85995/2		09/13/2011 22:50	1	j03628.d	DB-624 0.53(mm)
IC 460-85995/3		09/14/2011 01:50	1	j03635.d	DB-624 0.53(mm)
ICIS 460-85995/4		09/14/2011 02:15	1	j03636.d	DB-624 0.53(mm)
IC 460-85995/5		09/14/2011 02:40	1	j03637.d	DB-624 0.53(mm)
IC 460-85995/6		09/14/2011 03:48	1	j03638.d	DB-624 0.53(mm)
IC 460-85995/7		09/14/2011 06:22	1	j03643.d	DB-624 0.53(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Instrument ID: VOAMS8 Start Date: 09/15/2011 04:12

Analysis Batch Number: 86112 End Date: 09/15/2011 15:36

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-86112/1		09/15/2011 04:12	1	j03689.d	DB-624 0.53(mm)
CCVIS 460-86112/2		09/15/2011 04:39	1	j03690.d	DB-624 0.53(mm)
LCS 460-86112/3		09/15/2011 05:04	50	j03691.d	DB-624 0.53(mm)
LCSD 460-86112/16		09/15/2011 05:29	50	j03692.d	DB-624 0.53(mm)
MB 460-86112/4		09/15/2011 06:47	50	j03695.d	DB-624 0.53(mm)
460-30837-1	PMP-2-VD-S (3.5-4.0)	09/15/2011 07:15	50	j03696.d	DB-624 0.53(mm)
460-30837-6	PMP-24-WT-S (6.5-8.5)	09/15/2011 08:11	50	j03698.d	DB-624 0.53(mm)
460-30837-2	PMP-2-WT-S (8.0-8.5)	09/15/2011 08:39	100	j03699.d	DB-624 0.53(mm)
460-30837-7	PMP-24-SI-S (10.5-12.5)	09/15/2011 10:02	50	j03702.d	DB-624 0.53(mm)
460-30837-4	PMP-24-VS-S (1-3)	09/15/2011 10:30	50	j03703.d	DB-624 0.53(mm)
ZZZZZ		09/15/2011 10:58	100		DB-624 0.53(mm)
ZZZZZ		09/15/2011 11:25	100		DB-624 0.53(mm)
ZZZZZ		09/15/2011 13:45	50		DB-624 0.53(mm)
ZZZZZ		09/15/2011 14:13	50		DB-624 0.53(mm)
460-30837-5	PMP-24-VD-S (4.5-6.0)	09/15/2011 15:09	500	j03711.d	DB-624 0.53(mm)
460-30837-3	PMP-2-SI-S (10.5-11.0)	09/15/2011 15:36	100	j03712.d	DB-624 0.53(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Batch Number: 85680 Batch Start Date: 09/10/11 09:15 Batch Analyst: Desai, Saurab

Batch Method: 5035 Batch End Date: 09/10/11 09:31

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	Vial&SampleWt	InitialAmount	FinalAmount		
460-30837-E-8	PMP-22-VS-S (1.5-2.0)	5035, 8260B	T	35.22 g	40.26 g	5.04 g	5 mL		
460-30837-E-9	PMP-22-VD-S (3.5-5.0)	5035, 8260B	T	34.97 g	43.84 g	8.87 g	5 mL		
460-30837-E-10	PMP-22-WT-S (7.0-8.5)	5035, 8260B	T	35.14 g	43.32 g	8.18 g	5 mL		
460-30837-E-11	PMP-23-VS-S (1-3)	5035, 8260B	T	34.97 g	39.36 g	4.39 g	5 mL		
460-30837-E-12	PMP-23-WT-S (6.5-8.5)	5035, 8260B	T	35.04 g	44.55 g	9.51 g	5 mL		
460-30837-E-13	PMP-23-VD-S (3.5-5.0)	5035, 8260B	T	35.50 g	44.19 g	8.69 g	5 mL		
460-30837-D-14	PMP-12-VS-S (0.5-1.0)	5035, 8260B	T	34.79 g	38.22 g	3.43 g	5 mL		
460-30837-D-15	PMP-12-VD-S (2.5-3.0)	5035, 8260B	T	35.78 g	40.87 g	5.09 g	5 mL		
460-30837-E-16	PMP-12-WT-S (7.0-7.5)	5035, 8260B	T	35.47 g	47.09 g	11.62 g	5 mL		
460-30837-E-17	Dup_090811	5035, 8260B	T	35.42 g	47.12 g	11.7 g	5 mL		
460-30837-E-18	PMP-25-VS-S (1-3)	5035, 8260B	T	35.44 g	41.36 g	5.92 g	5 mL		
460-30837-D-19	PMP-25-VD-S (3-5)	5035, 8260B	T	34.93 g	40.81 g	5.88 g	5 mL		
460-30837-D-20	PMP-25-WT-S (7.5-9.5)	5035, 8260B	T	35.43 g	45.62 g	10.19 g	5 mL		
460-30837-D-21	PMP-14-VS-S (0.5-1.0)	5035, 8260B	T	34.98 g	38.86 g	3.88 g	5 mL		
460-30837-D-22	PMP-14-VD-S (2.5-3.0)	5035, 8260B	T	35.17 g	40.60 g	5.43 g	5 mL		
460-30837-D-23	PMP-14-WT-S (7.0-7.5)	5035, 8260B	T	35.10 g	41.04 g	5.94 g	5 mL		
460-30837-D-24	PMP-8-VS-S (0.5-1.0)	5035, 8260B	T	35.42 g	40.03 g	4.61 g	5 mL		
460-30837-D-25	PMP-8-VD-S (2.5-3.0)	5035, 8260B	T	35.35 g	40.78 g	5.43 g	5 mL		
460-30837-D-26	PMP-8-WT-S (7.0-7.5)	5035, 8260B	T	35.27 g	41.30 g	6.03 g	5 mL		
460-30837-D-27	PMP-4-VS-S (0.5-1.0)	5035, 8260B	T	35.10 g	41.36 g	6.26 g	5 mL		
460-30837-E-28	PMP-4-VD-S (2.5-3.0)	5035, 8260B	T	35.40 g	41.04 g	5.64 g	5 mL		
460-30837-E-29	PMP-4-WT-S (7.0-7.5)	5035, 8260B	T	34.84 g	45.46 g	10.62 g	5 mL		
460-30837-A-32	TB_090911	5035, 8260B	T	34.93 g	39.93 g	5 g	5 mL		

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Batch Number: 85680 Batch Start Date: 09/10/11 09:15 Batch Analyst: Desai, Saurab

Batch Method: 5035 Batch End Date: 09/10/11 09:31

Batch Notes	

Basis	Basis Description
T	Total/NA

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Batch Number: 85681 Batch Start Date: 09/10/11 09:34 Batch Analyst: Desai, Saurab

Batch Method: 5035 Batch End Date: 09/10/11 09:49

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	Vial&SampleWt	InitialAmount	FinalAmount	VM8PrepSU 00030	
460-30837-C-1	PMP-2-VD-S (3.5-4.0)	5035, 8260B	T	33.46 g	43.12 g	9.66 g	5 mL	5 mL	
460-30837-C-2	PMP-2-WT-S (8.0-8.5)	5035, 8260B	T	33.33 g	43.07 g	9.74 g	5 mL	5 mL	
460-30837-C-3	PMP-2-SI-S (10.5-11.0)	5035, 8260B	T	33.62 g	43.53 g	9.91 g	5 mL	5 mL	
460-30837-C-4	PMP-24-VS-S (1-3)	5035, 8260B	T	33.08 g	39.05 g	5.97 g	5 mL	5 mL	
460-30837-C-5	PMP-24-VD-S (4.5-6.0)	5035, 8260B	T	32.82 g	41.33 g	8.51 g	5 mL	5 mL	
460-30837-C-6	PMP-24-WT-S (6.5-8.5)	5035, 8260B	T	33.48 g	38.93 g	5.45 g	5 mL	5 mL	
460-30837-C-7	PMP-24-SI-S (10.5-12.5)	5035, 8260B	T	33.03 g	39.04 g	6.01 g	5 mL	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.: 460-30837-1

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-2-VD-S (3.5-4.0)	460-30837-1	80	77	91	91	72	81
PMP-2-WT-S (8.0-8.5)	460-30837-2	86	87	99	74	44	84
PMP-2-SI-S (10.5-11.0)	460-30837-3	86	76	97	83	62	75
PMP-24-VS-S (1-3)	460-30837-4	82	77	95	91	52	73
PMP-24-VD-S (4.5-6.0)	460-30837-5	99	87	117 X	88	62	81
PMP-24-WT-S (6.5-8.5)	460-30837-6	64	73	67	88	52	59
PMP-24-SI-S (10.5-12.5)	460-30837-7	50	52	63	70	25	46
PMP-22-VS-S (1.5-2.0)	460-30837-8	83	79	95	98	67	94
PMP-22-VD-S (3.5-5.0)	460-30837-9	77	75	84	81	79	92
PMP-22-WT-S (7.0-8.5)	460-30837-10	82	79	87	87	89	95
PMP-23-VS-S (1-3)	460-30837-11	79	77	87	90	82	91
PMP-23-WT-S (6.5-8.5)	460-30837-12	73	71	83	82	77	90
PMP-23-VD-S (3.5-5.0)	460-30837-13	80	77	90	89	77	87
PMP-12-VS-S (0.5-1.0)	460-30837-14	75	85	84	94	57	113
PMP-12-VD-S (2.5-3.0)	460-30837-15	60	67	68	74	67	67
PMP-12-WT-S (7.0-7.5)	460-30837-16	49	59	50	54	59	62
Dup_090811	460-30837-17	63	71	69	70	47	98
PMP-25-VS-S (1-3)	460-30837-18	65	65	68	77	41	72
PMP-25-VD-S (3-5)	460-30837-19	65	60	67	76	37	72
PMP-25-WT-S (7.5-9.5)	460-30837-20	67	75	70	72	40	74
PMP-14-VS-S (0.5-1.0)	460-30837-21	49	63	51	61	46	80
PMP-14-VD-S (2.5-3.0)	460-30837-22	58	71	61	64	52	85
PMP-14-WT-S (7.0-7.5)	460-30837-23	49	63	48	51	52	89
PMP-8-VS-S (0.5-1.0)	460-30837-24	46	59	53	72	24	56
PMP-8-VD-S (2.5-3.0)	460-30837-25	55	73	52	55	70	71
PMP-8-WT-S (7.0-7.5)	460-30837-26	45	55	41	45	63	70

	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.: 460-30837-1

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-4-VS-S (0.5-1.0)	460-30837-27	42	48	38	57	58	88
PMP-4-VD-S (2.5-3.0)	460-30837-28	53	62	56	55	55	61
PMP-4-WT-S (7.0-7.5)	460-30837-29	53	60	52	50	54	65
	MB 460-85882/1-A	69	68	69	70	34	65
	MB 460-86273/1-A	87	86	92	92	93	96
	MB 460-86534/1-A	65	72	74	75	71	56
	MB 460-86659/1-A	69	79	80	82	54	102
	LCS 460-85882/2-A	71	64	69	71	61	73
	LCS 460-86273/2-A	71	69	81	85	75	64
	LCS 460-86534/2-A	69	67	76	67	72	69
	LCS 460-86659/2-A	63	68	73	79	74	82
PMP-4-VD-S (2.5-3.0) MS	460-30837-28 MS	78	82	79	76	72	88
	460-30505-A-4-B MS	73	73	85	98	56	58
	460-31126-B-4-A MS	74	72	81	83	84	79
	460-30849-D-6-E MS	70	79	79	88	73	99
PMP-4-VD-S (2.5-3.0) MSD	460-30837-28 MSD	72	77	79	66	72	90
	460-30505-A-4-C MSD	71	67	87	92	52	60
	460-31126-C-4-A MSD	78	78	88	88	94	88
	460-30849-D-6-F MSD	69	77	78	86	75	101

	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.: 460-30837-1

SDG No.:

Matrix: Water Level: Low Lab File ID: z19811.d

Lab ID: LCS 460-85863/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Phenol	100	27.7	28	12-44	
2-Chlorophenol	100	78.9	79	53-101	
2-Methylphenol	100	68.4	68	40-90	
4-Methylphenol	100	53.0	53	30-75	
Benzaldehyde	100	155	155	52-150	*
Acetophenone	100	87.7	88	68-109	
Bis(2-chloroethyl)ether	100	79.5	80	62-108	
2,2'-oxybis[1-chloropropane]	100	79.3	79	68-107	
N-Nitrosodi-n-propylamine	100	88.7	89	70-109	
Nitrobenzene	100	86.3	86	66-106	
Hexachloroethane	100	78.3	78	50-99	
Isophorone	100	86.7	87	68-108	
2-Nitrophenol	100	87.8	88	65-107	
2,4-Dimethylphenol	100	82.4	82	55-100	
2,4-Dichlorophenol	100	90.7	91	64-107	
Bis(2-chloroethoxy)methane	100	89.4	89	69-108	
Naphthalene	100	88.0	88	63-101	
4-Chloroaniline	100	88.7	89	58-105	
Hexachlorobutadiene	100	85.2	85	52-99	
Caprolactam	100	15.7	16	10-30	
4-Chloro-3-methylphenol	100	80.9	81	57-106	
2-Methylnaphthalene	100	87.9	88	66-102	
Hexachlorobenzene	100	93.0	93	65-107	
Hexachlorocyclopentadiene	100	92.3	92	40-105	
2,4,6-Trichlorophenol	100	93.8	94	67-111	
2,4,5-Trichlorophenol	100	94.6	95	67-114	
Diphenyl	100	92.9	93	66-112	
2-Chloronaphthalene	100	92.2	92	65-107	
2-Nitroaniline	100	96.7	97	73-116	
2,6-Dinitrotoluene	100	87.2	87	68-114	
Dimethyl phthalate	100	86.5	87	69-111	
Acenaphthylene	100	90.6	91	67-107	
3-Nitroaniline	100	80.4	80	59-108	
Acenaphthene	100	90.7	91	66-108	
4-Nitrophenol	100	21.4 J	21	10-44	
2,4-Dinitrophenol	100	72.9	73	19-113	
Dibenzofuran	100	89.3	89	68-105	
Diethyl phthalate	100	83.0	83	66-109	
Fluorene	100	89.2	89	68-105	
Fluoranthene	100	82.0	82	68-108	
Di-n-butyl phthalate	100	85.2	85	68-111	
2,4-Dinitrotoluene	100	81.0	81	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.: 460-30837-1

SDG No.:

Matrix: Water Level: Low Lab File ID: z19811.d

Lab ID: LCS 460-85863/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	100	89.9	90	68-105	
4-Nitroaniline	100	78.9	79	49-119	
4,6-Dinitro-2-methylphenol	100	90.0	90	58-115	
4-Bromophenyl phenyl ether	100	97.2	97	66-110	
Atrazine	100	84.4	84	56-116	
Anthracene	100	91.5	92	68-108	
Carbazole	100	85.4	85	67-110	
Phenanthrene	100	91.0	91	68-110	
Pentachlorophenol	100	86.6	87	55-116	
Pyrene	100	95.3	95	61-110	
Chrysene	100	93.5	94	68-112	
Benzo[k]fluoranthene	100	95.1	95	66-114	
Benzo[g,h,i]perylene	100	101	101	65-134	
Benzo[b]fluoranthene	100	99.7	100	65-111	
Benzo[a]pyrene	100	92.4	92	58-101	
Benzo[a]anthracene	100	87.6	88	65-106	
N-Nitrosodiphenylamine	100	94.6	95	71-121	
Butyl benzyl phthalate	100	92.5	92	66-115	
Bis(2-ethylhexyl) phthalate	100	91.1	91	66-114	
Di-n-octyl phthalate	100	90.5	90	51-115	
Indeno[1,2,3-cd]pyrene	100	102	102	68-121	
Dibenz(a,h)anthracene	100	105	105	67-124	
3,3'-Dichlorobenzidine	100	97.5	98	69-129	
1,2,4,5-Tetrachlorobenzene	100	93.1	93	70-130	
2,3,4,6-Tetrachlorophenol	100	93.2	93	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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: u70064.d

Lab ID: LCS 460-85882/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Phenol	6360	3670	58	54-115	
2-Chlorophenol	6400	4620	72	56-110	
2-Methylphenol	6410	4350	68	54-117	
4-Methylphenol	6410	3840	60	47-103	
Benzaldehyde	3330	1360	41	10-160	
Acetophenone	3330	2330	70	40-95	
Bis(2-chloroethyl)ether	3330	1990	60	44-101	
2,2'-oxybis[1-chloropropane]	3330	2160	65	45-102	
N-Nitrosodi-n-propylamine	3330	2500	75	42-107	
Nitrobenzene	3330	2160	65	42-106	
Hexachloroethane	3330	2170	65	45-90	
Isophorone	3330	2280	69	48-97	
2-Nitrophenol	6430	4370	68	55-101	
2,4-Dimethylphenol	6400	4620	72	56-112	
2,4-Dichlorophenol	6440	4280	66	58-115	
Bis(2-chloroethoxy)methane	3330	2290	69	51-100	
Naphthalene	3330	2280	69	53-94	
4-Chloroaniline	3330	2040	61	10-96	
Hexachlorobutadiene	3330	2320	70	45-98	
Caprolactam	3330	1250	38	10-127	
4-Chloro-3-methylphenol	6430	3970	62	55-117	
2-Methylnaphthalene	3330	2170	65	51-98	
Hexachlorobenzene	3330	2600	78	43-104	
Hexachlorocyclopentadiene	3330	2420	73	24-98	
2,4,6-Trichlorophenol	6480	4720	73	53-118	
2,4,5-Trichlorophenol	6480	4430	68	50-115	
Diphenyl	3330	2420	73	50-105	
2-Chloronaphthalene	3330	2410	72	51-102	
2-Nitroaniline	3330	2030	61	51-109	
2,6-Dinitrotoluene	3330	2520	76	51-115	
Dimethyl phthalate	3330	2320	70	52-112	
Acenaphthylene	3330	2340	70	51-103	
3-Nitroaniline	3330	1880	57	32-104	
Acenaphthene	3330	2360	71	46-100	
4-Nitrophenol	6660	3780	57	45-114	
2,4-Dinitrophenol	6660	742 J	11	10-129	
Dibenzofuran	3330	2320	70	52-106	
Diethyl phthalate	3330	2260	68	52-114	
Fluorene	3330	2330	70	51-108	
Fluoranthene	3330	2290	69	49-108	
Di-n-butyl phthalate	3330	2290	69	50-108	
2,4-Dinitrotoluene	3330	2110	64	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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: u70064.d

Lab ID: LCS 460-85882/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3330	2340	70	50-106	
4-Nitroaniline	3330	2140	64	45-106	
4,6-Dinitro-2-methylphenol	6660	1770	27	10-110	
4-Bromophenyl phenyl ether	3330	2680	80	44-102	
Atrazine	3330	2390	72	30-100	
Anthracene	3330	2400	72	50-107	
Carbazole	3330	2380	71	49-104	
Phenanthrene	3330	2510	76	48-108	
Pentachlorophenol	6660	4260	64	19-113	
Pyrene	3330	2590	78	49-116	
Chrysene	3330	2440	73	45-114	
Benzo[k]fluoranthene	3330	2280	69	35-115	
Benzo[g,h,i]perylene	3330	2540	76	43-106	
Benzo[b]fluoranthene	3330	2470	74	33-96	
Benzo[a]pyrene	3330	2380	71	36-89	
Benzo[a]anthracene	3330	2510	75	46-112	
N-Nitrosodiphenylamine	3330	2720	82	49-106	
Butyl benzyl phthalate	3330	2350	71	49-117	
Bis(2-ethylhexyl) phthalate	3330	2280	68	49-119	
Di-n-octyl phthalate	3330	2080	63	40-106	
Indeno[1,2,3-cd]pyrene	3330	2750	83	43-109	
Dibenz(a,h)anthracene	3330	2640	79	43-107	
3,3'-Dichlorobenzidine	3330	2040	61	24-105	
1,2,4,5-Tetrachlorobenzene	3330	2350	71	70-130	
2,3,4,6-Tetrachlorophenol	3330	2490	75	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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p19375.d

Lab ID: LCS 460-86273/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Phenol	6370	4450	70	54-115	
2-Chlorophenol	6410	4690	73	56-110	
2-Methylphenol	6420	4610	72	54-117	
4-Methylphenol	6420	4280	67	47-103	
Benzaldehyde	3330	2940	88	10-160	
Acetophenone	3340	2430	73	40-95	
Bis(2-chloroethyl)ether	3330	2490	75	44-101	
2,2'-oxybis[1-chloropropane]	3330	2600	78	45-102	
N-Nitrosodi-n-propylamine	3330	2540	76	42-107	
Nitrobenzene	3330	2700	81	42-106	
Hexachloroethane	3330	2590	78	45-90	
Isophorone	3330	2600	78	48-97	
2-Nitrophenol	6440	5270	82	55-101	
2,4-Dimethylphenol	6410	4900	76	56-112	
2,4-Dichlorophenol	6450	4840	75	58-115	
Bis(2-chloroethoxy)methane	3330	2610	78	51-100	
Naphthalene	3330	2650	80	53-94	
4-Chloroaniline	3330	1190	36	10-96	
Hexachlorobutadiene	3330	2720	82	45-98	
Caprolactam	3340	2150	64	10-127	
4-Chloro-3-methylphenol	6440	4620	72	55-117	
2-Methylnaphthalene	3330	2530	76	51-98	
Hexachlorobenzene	3330	2950	88	43-104	
Hexachlorocyclopentadiene	3330	2980	89	24-98	
2,4,6-Trichlorophenol	6490	5500	85	53-118	
2,4,5-Trichlorophenol	6490	5300	82	50-115	
Diphenyl	3340	2780	83	50-105	
2-Chloronaphthalene	3330	2820	85	51-102	
2-Nitroaniline	3330	2620	79	51-109	
2,6-Dinitrotoluene	3330	2570	77	51-115	
Dimethyl phthalate	3330	2470	74	52-112	
Acenaphthylene	3330	2640	79	51-103	
3-Nitroaniline	3330	1330	40	32-104	
Acenaphthene	3330	2630	79	46-100	
4-Nitrophenol	6670	4620	69	45-114	
2,4-Dinitrophenol	6670	4940	74	10-129	
Dibenzofuran	3330	2580	77	52-106	
Diethyl phthalate	3330	2370	71	52-114	
Fluorene	3330	2540	76	51-108	
Fluoranthene	3330	2720	82	49-108	
Di-n-butyl phthalate	3330	2580	77	50-108	
2,4-Dinitrotoluene	3330	2320	70	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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p19375.d

Lab ID: LCS 460-86273/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3330	2600	78	50-106	
4-Nitroaniline	3330	2100	63	45-106	
4,6-Dinitro-2-methylphenol	6670	5800	87	10-110	
4-Bromophenyl phenyl ether	3330	3040	91	44-102	
Atrazine	3330	2430	73	30-100	
Anthracene	3330	2760	83	50-107	
Carbazole	3330	2620	78	49-104	
Phenanthrene	3330	2800	84	48-108	
Pentachlorophenol	6670	5990	90	19-113	
Pyrene	3330	2150	65	49-116	
Chrysene	3330	2810	84	45-114	
Benzo[k]fluoranthene	3330	3050	91	35-115	
Benzo[g,h,i]perylene	3330	3030	91	43-106	
Benzo[b]fluoranthene	3330	3000	90	33-96	
Benzo[a]pyrene	3330	2900	87	36-89	
Benzo[a]anthracene	3330	2720	82	46-112	
N-Nitrosodiphenylamine	3330	2940	88	49-106	
Butyl benzyl phthalate	3330	2380	71	49-117	
Bis(2-ethylhexyl) phthalate	3330	2400	72	49-119	
Di-n-octyl phthalate	3330	2930	88	40-106	
Indeno[1,2,3-cd]pyrene	3330	3270	98	43-109	
Dibenz(a,h)anthracene	3330	3180	95	43-107	
3,3'-Dichlorobenzidine	3330	1880	56	24-105	
1,2,4,5-Tetrachlorobenzene	3330	2960	89	70-130	
2,3,4,6-Tetrachlorophenol	3330	2550	76	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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: u70283.d

Lab ID: LCS 460-86534/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Phenol	6370	4470	70	54-115	
2-Chlorophenol	6410	4730	74	56-110	
2-Methylphenol	6420	4730	74	54-117	
4-Methylphenol	6420	4350	68	47-103	
Benzaldehyde	3330	1650	49	10-160	
Acetophenone	3340	2490	75	40-95	
Bis(2-chloroethyl)ether	3330	2470	74	44-101	
2,2'-oxybis[1-chloropropane]	3330	2160	65	45-102	
N-Nitrosodi-n-propylamine	3330	2710	81	42-107	
Nitrobenzene	3330	2560	77	42-106	
Hexachloroethane	3330	2230	67	45-90	
Isophorone	3330	2610	78	48-97	
2-Nitrophenol	6440	4480	70	55-101	
2,4-Dimethylphenol	6410	4800	75	56-112	
2,4-Dichlorophenol	6450	4940	76	58-115	
Bis(2-chloroethoxy)methane	3330	2470	74	51-100	
Naphthalene	3330	2360	71	53-94	
4-Chloroaniline	3330	2040	61	10-96	
Hexachlorobutadiene	3330	2370	71	45-98	
Caprolactam	3340	3760	113	10-127	
4-Chloro-3-methylphenol	6440	4690	73	55-117	
2-Methylnaphthalene	3330	2320	70	51-98	
Hexachlorobenzene	3330	2330	70	43-104	
Hexachlorocyclopentadiene	3330	2040	61	24-98	
2,4,6-Trichlorophenol	6490	4630	71	53-118	
2,4,5-Trichlorophenol	6490	4550	70	50-115	
Diphenyl	3340	2170	65	50-105	
2-Chloronaphthalene	3330	2230	67	51-102	
2-Nitroaniline	3330	2470	74	51-109	
2,6-Dinitrotoluene	3330	2580	78	51-115	
Dimethyl phthalate	3330	2590	78	52-112	
Acenaphthylene	3330	2300	69	51-103	
3-Nitroaniline	3330	1750	53	32-104	
Acenaphthene	3330	2310	69	46-100	
4-Nitrophenol	6670	5230	78	45-114	
2,4-Dinitrophenol	6670	5780	87	10-129	
Dibenzofuran	3330	2300	69	52-106	
Diethyl phthalate	3330	2540	76	52-114	
Fluorene	3330	2470	74	51-108	
Fluoranthene	3330	2470	74	49-108	
Di-n-butyl phthalate	3330	2410	72	50-108	
2,4-Dinitrotoluene	3330	2580	78	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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: u70283.d

Lab ID: LCS 460-86534/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3330	2520	76	50-106	
4-Nitroaniline	3330	2580	78	45-106	
4,6-Dinitro-2-methylphenol	6670	5670	85	10-110	
4-Bromophenyl phenyl ether	3330	2440	73	44-102	
Atrazine	3330	2420	73	30-100	
Anthracene	3330	2370	71	50-107	
Carbazole	3330	2470	74	49-104	
Phenanthrene	3330	2550	77	48-108	
Pentachlorophenol	6670	5620	84	19-113	
Pyrene	3330	2340	70	49-116	
Chrysene	3330	2300	69	45-114	
Benzo[k]fluoranthene	3330	3300	99	35-115	
Benzo[g,h,i]perylene	3330	2940	88	43-106	
Benzo[b]fluoranthene	3330	2900	87	33-96	
Benzo[a]pyrene	3330	2920	87	36-89	
Benzo[a]anthracene	3330	2450	74	46-112	
N-Nitrosodiphenylamine	3330	2290	69	49-106	
Butyl benzyl phthalate	3330	2390	72	49-117	
Bis(2-ethylhexyl) phthalate	3330	2310	69	49-119	
Di-n-octyl phthalate	3330	3110	93	40-106	
Indeno[1,2,3-cd]pyrene	3330	3040	91	43-109	
Dibenz(a,h)anthracene	3330	2760	83	43-107	
3,3'-Dichlorobenzidine	3330	1700	51	24-105	
1,2,4,5-Tetrachlorobenzene	3330	2270	68	70-130	*
2,3,4,6-Tetrachlorophenol	3330	2660	80	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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: z10022.d

Lab ID: LCS 460-86659/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Phenol	6370	4480	70	54-115	
2-Chlorophenol	6410	4850	76	56-110	
2-Methylphenol	6420	5170	80	54-117	
4-Methylphenol	6420	4580	71	47-103	
Benzaldehyde	3330	1980	59	10-160	
Acetophenone	3340	2630	79	40-95	
Bis(2-chloroethyl)ether	3330	2410	72	44-101	
2,2'-oxybis[1-chloropropane]	3330	2240	67	45-102	
N-Nitrosodi-n-propylamine	3330	2530	76	42-107	
Nitrobenzene	3330	2480	74	42-106	
Hexachloroethane	3330	2410	72	45-90	
Isophorone	3330	2550	77	48-97	
2-Nitrophenol	6440	5230	81	55-101	
2,4-Dimethylphenol	6410	5030	79	56-112	
2,4-Dichlorophenol	6450	4950	77	58-115	
Bis(2-chloroethoxy)methane	3330	2600	78	51-100	
Naphthalene	3330	2620	79	53-94	
4-Chloroaniline	3330	1630	49	10-96	
Hexachlorobutadiene	3330	2590	78	45-98	
Caprolactam	3340	2230	67	10-127	
4-Chloro-3-methylphenol	6440	4920	76	55-117	
2-Methylnaphthalene	3330	2630	79	51-98	
Hexachlorobenzene	3330	2830	85	43-104	
Hexachlorocyclopentadiene	3330	2530	76	24-98	
2,4,6-Trichlorophenol	6490	5350	82	53-118	
2,4,5-Trichlorophenol	6490	4880	75	50-115	
Diphenyl	3340	2710	81	50-105	
2-Chloronaphthalene	3330	2670	80	51-102	
2-Nitroaniline	3330	2690	81	51-109	
2,6-Dinitrotoluene	3330	2480	74	51-115	
Dimethyl phthalate	3330	2450	74	52-112	
Acenaphthylene	3330	2550	76	51-103	
3-Nitroaniline	3330	1520	45	32-104	
Acenaphthene	3330	2630	79	46-100	
4-Nitrophenol	6670	4640	70	45-114	
2,4-Dinitrophenol	6670	3860	58	10-129	
Dibenzofuran	3330	2600	78	52-106	
Diethyl phthalate	3330	2330	70	52-114	
Fluorene	3330	2510	75	51-108	
Fluoranthene	3330	2310	69	49-108	
Di-n-butyl phthalate	3330	2380	71	50-108	
2,4-Dinitrotoluene	3330	2380	71	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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: z10022.d

Lab ID: LCS 460-86659/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3330	2570	77	50-106	
4-Nitroaniline	3330	1900	57	45-106	
4,6-Dinitro-2-methylphenol	6670	5330	80	10-110	
4-Bromophenyl phenyl ether	3330	2950	89	44-102	
Atrazine	3330	2430	73	30-100	
Anthracene	3330	2670	80	50-107	
Carbazole	3330	2500	75	49-104	
Phenanthrene	3330	2700	81	48-108	
Pentachlorophenol	6670	5330	80	19-113	
Pyrene	3330	2830	85	49-116	
Chrysene	3330	2690	81	45-114	
Benzo[k]fluoranthene	3330	2680	80	35-115	
Benzo[g,h,i]perylene	3330	2850	86	43-106	
Benzo[b]fluoranthene	3330	2630	79	33-96	
Benzo[a]pyrene	3330	2550	76	36-89	
Benzo[a]anthracene	3330	2600	78	46-112	
N-Nitrosodiphenylamine	3330	2880	86	49-106	
Butyl benzyl phthalate	3330	2570	77	49-117	
Bis(2-ethylhexyl) phthalate	3330	2390	72	49-119	
Di-n-octyl phthalate	3330	2250	67	40-106	
Indeno[1,2,3-cd]pyrene	3330	2790	84	43-109	
Dibenz(a,h)anthracene	3330	2880	86	43-107	
3,3'-Dichlorobenzidine	3330	1910	57	24-105	
1,2,4,5-Tetrachlorobenzene	3330	2710	81	70-130	
2,3,4,6-Tetrachlorophenol	3330	2520	76	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.: 460-30837-1

SDG No.:

Matrix: Water Level: Low Lab File ID: z19812.d

Lab ID: LCSD 460-85863/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Phenol	100	30.6	31	10	30	12-44	
2-Chlorophenol	100	87.9	88	11	30	53-101	
2-Methylphenol	100	74.1	74	8	30	40-90	
4-Methylphenol	100	58.8	59	10	30	30-75	
Benzaldehyde	100	171	171	10	30	52-150	*
Acetophenone	100	95.9	96	9	30	68-109	
Bis(2-chloroethyl)ether	100	87.6	88	10	30	62-108	
2,2'-oxybis[1-chloropropane]	100	87.9	88	10	30	68-107	
N-Nitrosodi-n-propylamine	100	98.0	98	10	30	70-109	
Nitrobenzene	100	92.2	92	7	30	66-106	
Hexachloroethane	100	84.9	85	8	30	50-99	
Isophorone	100	91.9	92	6	30	68-108	
2-Nitrophenol	100	94.4	94	7	30	65-107	
2,4-Dimethylphenol	100	88.0	88	7	30	55-100	
2,4-Dichlorophenol	100	97.2	97	7	30	64-107	
Bis(2-chloroethoxy)methane	100	95.5	95	7	30	69-108	
Naphthalene	100	93.7	94	6	30	63-101	
4-Chloroaniline	100	94.3	94	6	30	58-105	
Hexachlorobutadiene	100	89.7	90	5	30	52-99	
Caprolactam	100	17.4	17	10	30	10-30	
4-Chloro-3-methylphenol	100	87.4	87	8	30	57-106	
2-Methylnaphthalene	100	93.4	93	6	30	66-102	
Hexachlorobenzene	100	97.2	97	4	30	65-107	
Hexachlorocyclopentadiene	100	98.2	98	6	30	40-105	
2,4,6-Trichlorophenol	100	100	100	7	30	67-111	
2,4,5-Trichlorophenol	100	100	100	6	30	67-114	
Diphenyl	100	97.4	97	5	30	66-112	
2-Chloronaphthalene	100	97.7	98	6	30	65-107	
2-Nitroaniline	100	102	102	5	30	73-116	
2,6-Dinitrotoluene	100	90.6	91	4	30	68-114	
Dimethyl phthalate	100	90.2	90	4	30	69-111	
Acenaphthylene	100	96.4	96	6	30	67-107	
3-Nitroaniline	100	85.3	85	6	30	59-108	
Acenaphthene	100	94.5	95	4	30	66-108	
4-Nitrophenol	100	22.1 J	22	3	30	10-44	
2,4-Dinitrophenol	100	78.5	78	7	30	19-113	
Dibenzofuran	100	95.1	95	6	30	68-105	
Diethyl phthalate	100	87.7	88	5	30	66-109	
Fluorene	100	93.7	94	5	30	68-105	
Fluoranthene	100	84.0	84	2	30	68-108	
Di-n-butyl phthalate	100	88.4	88	4	30	68-111	
2,4-Dinitrotoluene	100	83.4	83	3	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.: 460-30837-1

SDG No.:

Matrix: Water Level: Low Lab File ID: z19812.d

Lab ID: LCSD 460-85863/3-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	95.3	95	6	30	68-105	
4-Nitroaniline	100	81.8	82	4	30	49-119	
4,6-Dinitro-2-methylphenol	100	95.3	95	6	30	58-115	
4-Bromophenyl phenyl ether	100	105	105	8	30	66-110	
Atrazine	100	88.2	88	4	30	56-116	
Anthracene	100	97.6	98	6	30	68-108	
Carbazole	100	90.6	91	6	30	67-110	
Phenanthrene	100	97.5	98	7	30	68-110	
Pentachlorophenol	100	90.5	90	4	30	55-116	
Pyrene	100	102	102	6	30	61-110	
Chrysene	100	98.3	98	5	30	68-112	
Benzo[k]fluoranthene	100	99.6	100	5	30	66-114	
Benzo[g,h,i]perylene	100	108	108	7	30	65-134	
Benzo[b]fluoranthene	100	104	104	4	30	65-111	
Benzo[a]pyrene	100	97.7	98	6	30	58-101	
Benzo[a]anthracene	100	92.5	92	5	30	65-106	
N-Nitrosodiphenylamine	100	102	102	8	30	71-121	
Butyl benzyl phthalate	100	96.6	97	4	30	66-115	
Bis(2-ethylhexyl) phthalate	100	96.5	96	6	30	66-114	
Di-n-octyl phthalate	100	93.9	94	4	30	51-115	
Indeno[1,2,3-cd]pyrene	100	110	110	8	30	68-121	
Dibenz(a,h)anthracene	100	111	111	6	30	67-124	
3,3'-Dichlorobenzidine	100	109	109	11	30	69-129	
1,2,4,5-Tetrachlorobenzene	100	97.5	97	5	30	70-130	
2,3,4,6-Tetrachlorophenol	100	94.5	94	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 RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: u70306.d

Lab ID: 460-30837-28 MS Client ID: PMP-4-VD-S (2.5-3.0) MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Phenol	6640	340 U	4640	70	54-115	
2-Chlorophenol	6670	340 U	5310	80	56-110	
2-Methylphenol	6690	340 U	5600	84	54-117	
4-Methylphenol	6690	340 U	5040	75	47-103	
Benzaldehyde	3470	340 U	2620	76	10-160	
Acetophenone	3470	340 U	2980	86	40-95	
Bis(2-chloroethyl)ether	3470	34 U	2900	83	44-101	
2,2'-oxybis[1-chloropropane]	3470	340 U	2700	78	45-102	
N-Nitrosodi-n-propylamine	3470	34 U	3420	99	42-107	
Nitrobenzene	3470	34 U	2730	79	42-106	
Hexachloroethane	3470	34 U	2430	70	45-90	
Isophorone	3470	340 U	3000	87	48-97	
2-Nitrophenol	6710	340 U	4920	73	55-101	
2,4-Dimethylphenol	6680	340 U	5550	83	56-112	
2,4-Dichlorophenol	6720	340 U	5250	78	58-115	
Bis(2-chloroethoxy)methane	3470	340 U	2590	75	51-100	
Naphthalene	3470	340 U	2650	76	53-94	
4-Chloroaniline	3470	340 U	2090	60	10-96	
Hexachlorobutadiene	3470	70 U	2540	73	45-98	
Caprolactam	3480	340 U	1960	56	10-127	
4-Chloro-3-methylphenol	6710	340 U	5350	80	55-117	
2-Methylnaphthalene	3470	340 U	2440	70	51-98	
Hexachlorobenzene	3470	34 U	2660	77	43-104	
Hexachlorocyclopentadiene	3470	340 U	2180	63	24-98	
2,4,6-Trichlorophenol	6760	340 U	5370	79	53-118	
2,4,5-Trichlorophenol	6760	340 U	5320	79	50-115	
Diphenyl	3470	340 U	2650	76	50-105	
2-Chloronaphthalene	3470	340 U	2650	76	51-102	
2-Nitroaniline	3470	700 U	2940	85	51-109	
2,6-Dinitrotoluene	3470	70 U	3170	91	51-115	
Dimethyl phthalate	3470	340 U	3180	91	52-112	
Acenaphthylene	3470	340 U	2650	76	51-103	
3-Nitroaniline	3470	700 U	2280	66	32-104	
Acenaphthene	3470	340 U	2810	81	46-100	
4-Nitrophenol	6940	1000 U	5180	75	45-114	
2,4-Dinitrophenol	6940	1000 U	1870	27	10-129	
Dibenzofuran	3470	340 U	2610	75	52-106	
Diethyl phthalate	3470	340 U	3140	90	52-114	
Fluorene	3470	340 U	3000	86	51-108	
Fluoranthene	3470	340 U	2670	77	49-108	
Di-n-butyl phthalate	3470	340 U	2920	84	50-108	
2,4-Dinitrotoluene	3470	70 U	3300	95	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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: u70306.d

Lab ID: 460-30837-28 MS Client ID: PMP-4-VD-S (2.5-3.0) MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3470	340 U	2970	85	50-106	
4-Nitroaniline	3470	700 U	2710	78	45-106	
4,6-Dinitro-2-methylphenol	6950	1000 U	3240	47	10-110	
4-Bromophenyl phenyl ether	3470	340 U	2660	77	44-102	
Atrazine	3470	340 U	2570	74	30-100	
Anthracene	3470	340 U	2630	76	50-107	
Carbazole	3470	340 U	2880	83	49-104	
Phenanthrene	3470	340 U	2750	79	48-108	
Pentachlorophenol	6950	1000 U	4450	64	19-113	
Pyrene	3470	340 U	2930	84	49-116	
Chrysene	3470	340 U	2740	79	45-114	
Benzo[k]fluoranthene	3470	34 U	3210	92	35-115	
Benzo[g,h,i]perylene	3470	340 U	3940	113	43-106	F
Benzo[b]fluoranthene	3470	34 U	3520	101	33-96	F
Benzo[a]pyrene	3470	34 U	3410	98	36-89	F
Benzo[a]anthracene	3470	34 U	2910	84	46-112	
N-Nitrosodiphenylamine	3470	340 U	2710	78	49-106	
Butyl benzyl phthalate	3470	340 U	3190	92	49-117	
Bis(2-ethylhexyl) phthalate	3470	340 U	3110	90	49-119	
Di-n-octyl phthalate	3470	340 U	3580	103	40-106	
Indeno[1,2,3-cd]pyrene	3470	34 U	3980	115	43-109	F
Dibenz(a,h)anthracene	3470	34 U	3550	102	43-107	
3,3'-Dichlorobenzidine	3470	700 U	2180	63	24-105	
1,2,4,5-Tetrachlorobenzene	3470	340 U	2590	75	70-130	
2,3,4,6-Tetrachlorophenol	3470	340 U	2970	86	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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: u70082.d

Lab ID: 460-30505-A-4-B MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Phenol	7450	380 U	5350	72	54-115	
2-Chlorophenol	7490	380 U	5790	77	56-110	
2-Methylphenol	7510	380 U	5700	76	54-117	
4-Methylphenol	7510	380 U	5100	68	47-103	
Benzaldehyde	3890	380 U	3550	91	10-160	
Acetophenone	3900	380 U	3140	80	40-95	
Bis(2-chloroethyl)ether	3890	38 U	3120	80	44-101	
2,2'-oxybis[1-chloropropane]	3890	380 U	3340	86	45-102	
N-Nitrosodi-n-propylamine	3890	38 U	3210	83	42-107	
Nitrobenzene	3890	38 U	3150	81	42-106	
Hexachloroethane	3890	38 U	2750	70	45-90	
Isophorone	3890	380 U	3280	84	48-97	
2-Nitrophenol	7520	380 U	5820	77	55-101	
2,4-Dimethylphenol	7490	380 U	5950	79	56-112	
2,4-Dichlorophenol	7540	380 U	5350	71	58-115	
Bis(2-chloroethoxy)methane	3890	380 U	3360	86	51-100	
Naphthalene	3890	380 U	3000	77	53-94	
4-Chloroaniline	3890	380 U	2410	62	10-96	
Hexachlorobutadiene	3890	78 U	2880	74	45-98	
Caprolactam	3900	380 U	2480	64	10-127	
4-Chloro-3-methylphenol	7530	380 U	5830	77	55-117	
2-Methylnaphthalene	3890	380 U	2560	66	51-98	
Hexachlorobenzene	3890	38 U	2900	75	43-104	
Hexachlorocyclopentadiene	3890	380 U	2600	67	24-98	
2,4,6-Trichlorophenol	7580	380 U	6880	91	53-118	
2,4,5-Trichlorophenol	7580	380 U	6870	91	50-115	
Diphenyl	3900	380 U	3550	91	50-105	
2-Chloronaphthalene	3890	380 U	3610	93	51-102	
2-Nitroaniline	3890	780 U	3810	98	51-109	
2,6-Dinitrotoluene	3890	78 U	3670	94	51-115	
Dimethyl phthalate	3890	380 U	3630	93	52-112	
Acenaphthylene	3890	380 U	3370	87	51-103	
3-Nitroaniline	3890	780 U	2710	70	32-104	
Acenaphthene	3890	380 U	3330	85	46-100	
4-Nitrophenol	7790	1200 U	6460	83	45-114	
2,4-Dinitrophenol	7790	1200 U	1500	19	10-129	
Dibenzofuran	3890	380 U	3010	77	52-106	
Diethyl phthalate	3890	380 U	3150	81	52-114	
Fluorene	3890	380 U	2810	72	51-108	
Fluoranthene	3890	380 U	2170	56	49-108	
Di-n-butyl phthalate	3890	380 U	2570	66	50-108	
2,4-Dinitrotoluene	3890	78 U	3080	79	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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: u70082.d

Lab ID: 460-30505-A-4-B MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3890	380 U	2820	72	50-106	
4-Nitroaniline	3890	780 U	2370	61	45-106	
4,6-Dinitro-2-methylphenol	7790	1200 U	3610	46	10-110	
4-Bromophenyl phenyl ether	3890	380 U	3180	82	44-102	
Atrazine	3890	380 U	2860	74	30-100	
Anthracene	3890	380 U	2970	76	50-107	
Carbazole	3890	380 U	2950	76	49-104	
Phenanthrene	3890	380 U	3450	89	48-108	
Pentachlorophenol	7790	1200 U	4220	54	19-113	
Pyrene	3890	380 U	2340	60	49-116	
Chrysene	3890	380 U	3780	97	45-114	
Benzo[k]fluoranthene	3890	38 U	2640	68	35-115	
Benzo[g,h,i]perylene	3890	380 U	3940	101	43-106	
Benzo[b]fluoranthene	3890	38 U	2640	68	33-96	
Benzo[a]pyrene	3890	38 U	2790	72	36-89	
Benzo[a]anthracene	3890	38 U	3110	80	46-112	
N-Nitrosodiphenylamine	3900	380 U	3970	102	49-106	
Butyl benzyl phthalate	3890	380 U	2410	62	49-117	
Bis(2-ethylhexyl) phthalate	3890	260 J	3250	77	49-119	
Di-n-octyl phthalate	3890	380 U	1750	45	40-106	
Indeno[1,2,3-cd]pyrene	3890	38 U	3890	100	43-109	
Dibenz(a,h)anthracene	3890	38 U	4030	103	43-107	
3,3'-Dichlorobenzidine	3890	780 U	2440	63	24-105	
1,2,4,5-Tetrachlorobenzene	3890	380 U	3930	101	70-130	
2,3,4,6-Tetrachlorophenol	3890	380 U	2380	61	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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p19356.d

Lab ID: 460-31126-B-4-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Phenol	9010	470 U	6680	74	54-115	
2-Chlorophenol	9060	470 U	7140	79	56-110	
2-Methylphenol	9080	470 U	7120	78	54-117	
4-Methylphenol	9080	470 U	6550	72	47-103	
Benzaldehyde	4710	470 U	3820	81	10-160	
Acetophenone	4720	470 U	3600	76	40-95	
Bis(2-chloroethyl)ether	4710	47 U	3650	78	44-101	
2,2'-oxybis[1-chloropropane]	4710	470 U	3800	81	45-102	
N-Nitrosodi-n-propylamine	4710	47 U	3930	83	42-107	
Nitrobenzene	4710	47 U	3910	83	42-106	
Hexachloroethane	4710	47 U	3800	81	45-90	
Isophorone	4710	470 U	3830	81	48-97	
2-Nitrophenol	9110	470 U	7660	84	55-101	
2,4-Dimethylphenol	9070	470 U	7430	82	56-112	
2,4-Dichlorophenol	9130	470 U	7250	79	58-115	
Bis(2-chloroethoxy)methane	4710	470 U	3850	82	51-100	
Naphthalene	4710	470 U	3800	81	53-94	
4-Chloroaniline	4710	470 U	2250	48	10-96	
Hexachlorobutadiene	4710	95 U	3900	83	45-98	
Caprolactam	4720	470 U	3640	77	10-127	
4-Chloro-3-methylphenol	9110	470 U	7290	80	55-117	
2-Methylnaphthalene	4710	470 U	3710	79	51-98	
Hexachlorobenzene	4710	47 U	4150	88	43-104	
Hexachlorocyclopentadiene	4710	470 U	4060	86	24-98	
2,4,6-Trichlorophenol	9180	470 U	8090	88	53-118	
2,4,5-Trichlorophenol	9180	470 U	7740	84	50-115	
Diphenyl	4720	470 U	3970	84	50-105	
2-Chloronaphthalene	4710	470 U	3950	84	51-102	
2-Nitroaniline	4710	950 U	3990	85	51-109	
2,6-Dinitrotoluene	4710	95 U	3880	82	51-115	
Dimethyl phthalate	4710	470 U	3930	83	52-112	
Acenaphthylene	4710	470 U	3810	81	51-103	
3-Nitroaniline	4710	950 U	2600	55	32-104	
Acenaphthene	4710	470 U	3810	81	46-100	
4-Nitrophenol	9430	1400 U	7880	84	45-114	
2,4-Dinitrophenol	9430	1400 U	7520	80	10-129	
Dibenzofuran	4710	470 U	3830	81	52-106	
Diethyl phthalate	4710	470 U	3810	81	52-114	
Fluorene	4710	470 U	3900	83	51-108	
Fluoranthene	4710	470 U	4140	88	49-108	
Di-n-butyl phthalate	4710	470 U	4070	86	50-108	
2,4-Dinitrotoluene	4710	95 U	3900	83	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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p19356.d

Lab ID: 460-31126-B-4-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	4710	470 U	3950	84	50-106	
4-Nitroaniline	4710	950 U	3630	77	45-106	
4,6-Dinitro-2-methylphenol	9430	1400 U	8540	90	10-110	
4-Bromophenyl phenyl ether	4710	470 U	4300	91	44-102	
Atrazine	4710	470 U	3700	78	30-100	
Anthracene	4710	470 U	3990	85	50-107	
Carbazole	4710	470 U	4030	85	49-104	
Phenanthrene	4710	470 U	4030	86	48-108	
Pentachlorophenol	9430	1400 U	8970	95	19-113	
Pyrene	4710	470 U	3750	80	49-116	
Chrysene	4710	470 U	4100	87	45-114	
Benzo[k]fluoranthene	4710	47 U	4490	95	35-115	
Benzo[g,h,i]perylene	4710	470 U	4580	97	43-106	
Benzo[b]fluoranthene	4710	47 U	4400	93	33-96	
Benzo[a]pyrene	4710	47 U	4250	90	36-89	F
Benzo[a]anthracene	4710	47 U	3910	83	46-112	
N-Nitrosodiphenylamine	4720	470 U	4150	88	49-106	
Butyl benzyl phthalate	4710	470 U	3900	83	49-117	
Bis(2-ethylhexyl) phthalate	4710	470 U	3980	84	49-119	
Di-n-octyl phthalate	4710	470 U	4320	92	40-106	
Indeno[1,2,3-cd]pyrene	4710	47 U	4870	103	43-109	
Dibenz(a,h)anthracene	4710	47 U	4780	101	43-107	
3,3'-Dichlorobenzidine	4710	950 U	2990	63	24-105	
1,2,4,5-Tetrachlorobenzene	4710	470 U	4080	87	70-130	
2,3,4,6-Tetrachlorophenol	4710	470 U	3980	84	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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: z10033.d

Lab ID: 460-30849-D-6-E MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Phenol	7090	370 U	5690	80	54-115	
2-Chlorophenol	7130	370 U	5900	83	56-110	
2-Methylphenol	7140	370 U	6560	92	54-117	
4-Methylphenol	7140	370 U	5860	82	47-103	
Benzaldehyde	3710	370 U	1890	51	10-160	
Acetophenone	3710	370 U	3250	88	40-95	
Bis(2-chloroethyl)ether	3710	37 U	2840	77	44-101	
2,2'-oxybis[1-chloropropane]	3710	370 U	2560	69	45-102	
N-Nitrosodi-n-propylamine	3710	37 U	3360	91	42-107	
Nitrobenzene	3710	37 U	2890	78	42-106	
Hexachloroethane	3710	37 U	2670	72	45-90	
Isophorone	3710	370 U	3090	83	48-97	
2-Nitrophenol	7160	370 U	6190	86	55-101	
2,4-Dimethylphenol	7130	370 U	5940	83	56-112	
2,4-Dichlorophenol	7180	370 U	6130	85	58-115	
Bis(2-chloroethoxy)methane	3710	370 U	3160	85	51-100	
Naphthalene	3710	370 U	3080	83	53-94	
4-Chloroaniline	3710	370 U	2380	64	10-96	
Hexachlorobutadiene	3710	75 U	2930	79	45-98	
Caprolactam	3710	370 U	2370	64	10-127	
4-Chloro-3-methylphenol	7170	370 U	6430	90	55-117	
2-Methylnaphthalene	3710	370 U	3250	88	51-98	
Hexachlorobenzene	3710	37 U	3660	99	43-104	
Hexachlorocyclopentadiene	3710	370 U	2780	75	24-98	
2,4,6-Trichlorophenol	7220	370 U	5990	83	53-118	
2,4,5-Trichlorophenol	7220	370 U	5820	81	50-115	
Diphenyl	3710	370 U	3270	88	50-105	
2-Chloronaphthalene	3710	370 U	3210	87	51-102	
2-Nitroaniline	3710	750 U	2670	72	51-109	
2,6-Dinitrotoluene	3710	75 U	3090	83	51-115	
Dimethyl phthalate	3710	370 U	2990	81	52-112	
Acenaphthylene	3710	370 U	3140	85	51-103	
3-Nitroaniline	3710	750 U	2400	65	32-104	
Acenaphthene	3710	370 U	3190	86	46-100	
4-Nitrophenol	7410	1100 U	4470	60	45-114	
2,4-Dinitrophenol	7410	1100 U	84.7 J	1	10-129	F
Dibenzofuran	3710	370 U	3250	88	52-106	
Diethyl phthalate	3710	370 U	2860	77	52-114	
Fluorene	3710	370 U	3130	84	51-108	
Fluoranthene	3710	370 U	2830	76	49-108	
Di-n-butyl phthalate	3710	370 U	2950	79	50-108	
2,4-Dinitrotoluene	3710	75 U	2850	77	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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: z10033.d

Lab ID: 460-30849-D-6-E MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3710	370 U	3230	87	50-106	
4-Nitroaniline	3710	750 U	1890	51	45-106	
4,6-Dinitro-2-methylphenol	7420	1100 U	524 J	7	10-110	F
4-Bromophenyl phenyl ether	3710	370 U	3800	103	44-102	F
Atrazine	3710	370 U	3050	82	30-100	
Anthracene	3710	370 U	3330	90	50-107	
Carbazole	3710	370 U	3030	82	49-104	
Phenanthrene	3710	370 U	3380	91	48-108	
Pentachlorophenol	7420	1100 U	3550	48	19-113	
Pyrene	3710	370 U	3670	99	49-116	
Chrysene	3710	370 U	3400	92	45-114	
Benzo[k]fluoranthene	3710	37 U	3570	96	35-115	
Benzo[g,h,i]perylene	3710	370 U	3730	101	43-106	
Benzo[b]fluoranthene	3710	37 U	3180	86	33-96	
Benzo[a]pyrene	3710	37 U	3210	87	36-89	
Benzo[a]anthracene	3710	37 U	3240	87	46-112	
N-Nitrosodiphenylamine	3710	370 U	3760	101	49-106	
Butyl benzyl phthalate	3710	370 U	3340	90	49-117	
Bis(2-ethylhexyl) phthalate	3710	370 U	3150	85	49-119	
Di-n-octyl phthalate	3710	370 U	2810	76	40-106	
Indeno[1,2,3-cd]pyrene	3710	37 U	3090	83	43-109	
Dibenz(a,h)anthracene	3710	37 U	3710	100	43-107	
3,3'-Dichlorobenzidine	3710	750 U	3050	82	24-105	
1,2,4,5-Tetrachlorobenzene	3710	370 U	3140	85	70-130	
2,3,4,6-Tetrachlorophenol	3710	370 U	2470	67	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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: u70303.d

Lab ID: 460-30837-28 MSD Client ID: PMP-4-VD-S (2.5-3.0) MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Phenol	6630	4900	74	5	30	54-115	
2-Chlorophenol	6670	4960	74	7	30	56-110	
2-Methylphenol	6680	5270	79	6	30	54-117	
4-Methylphenol	6680	4920	74	2	30	47-103	
Benzaldehyde	3470	2580	74	2	30	10-160	
Acetophenone	3470	2850	82	5	30	40-95	
Bis(2-chloroethyl)ether	3470	2660	77	9	30	44-101	
2,2'-oxybis[1-chloropropane]	3470	2550	74	6	30	45-102	
N-Nitrosodi-n-propylamine	3470	3280	95	4	30	42-107	
Nitrobenzene	3470	2420	70	12	30	42-106	
Hexachloroethane	3470	2490	72	3	30	45-90	
Isophorone	3470	2730	79	10	30	48-97	
2-Nitrophenol	6700	4500	67	9	30	55-101	
2,4-Dimethylphenol	6670	4920	74	12	30	56-112	
2,4-Dichlorophenol	6710	4820	72	9	30	58-115	
Bis(2-chloroethoxy)methane	3470	2580	74	0	30	51-100	
Naphthalene	3470	2460	71	7	30	53-94	
4-Chloroaniline	3470	1980	57	5	30	10-96	
Hexachlorobutadiene	3470	2360	68	7	30	45-98	
Caprolactam	3470	1870	54	5	30	10-127	
4-Chloro-3-methylphenol	6700	4910	73	8	30	55-117	
2-Methylnaphthalene	3470	2300	66	6	30	51-98	
Hexachlorobenzene	3470	2490	72	7	30	43-104	
Hexachlorocyclopentadiene	3470	2160	62	1	30	24-98	
2,4,6-Trichlorophenol	6750	4870	72	10	30	53-118	
2,4,5-Trichlorophenol	6750	4850	72	9	30	50-115	
Diphenyl	3470	2460	71	8	30	50-105	
2-Chloronaphthalene	3470	2360	68	11	30	51-102	
2-Nitroaniline	3470	2620	76	11	30	51-109	
2,6-Dinitrotoluene	3470	2880	83	10	30	51-115	
Dimethyl phthalate	3470	2940	85	8	30	52-112	
Acenaphthylene	3470	2460	71	8	30	51-103	
3-Nitroaniline	3470	2130	62	7	30	32-104	
Acenaphthene	3470	2530	73	11	30	46-100	
4-Nitrophenol	6940	5720	82	10	30	45-114	
2,4-Dinitrophenol	6940	1850	27	1	30	10-129	
Dibenzofuran	3470	2370	68	10	30	52-106	
Diethyl phthalate	3470	2900	84	8	30	52-114	
Fluorene	3470	2670	77	12	30	51-108	
Fluoranthene	3470	2540	73	5	30	49-108	
Di-n-butyl phthalate	3470	2690	78	8	30	50-108	
2,4-Dinitrotoluene	3470	2820	81	16	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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: u70303.d

Lab ID: 460-30837-28 MSD Client ID: PMP-4-VD-S (2.5-3.0) MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3470	2640	76	12	30	50-106	
4-Nitroaniline	3470	2620	76	3	30	45-106	
4,6-Dinitro-2-methylphenol	6940	3190	46	1	30	10-110	
4-Bromophenyl phenyl ether	3470	2590	75	3	30	44-102	
Atrazine	3470	2680	77	4	30	30-100	
Anthracene	3470	2530	73	4	30	50-107	
Carbazole	3470	2570	74	11	30	49-104	
Phenanthrene	3470	2670	77	3	30	48-108	
Pentachlorophenol	6940	4710	68	6	30	19-113	
Pyrene	3470	3330	96	13	30	49-116	
Chrysene	3470	2650	76	4	30	45-114	
Benzo[k]fluoranthene	3470	3420	99	6	30	35-115	
Benzo[g,h,i]perylene	3470	3230	93	20	30	43-106	
Benzo[b]fluoranthene	3470	3190	92	10	30	33-96	
Benzo[a]pyrene	3470	3270	94	4	30	36-89	F
Benzo[a]anthracene	3470	2760	80	5	30	46-112	
N-Nitrosodiphenylamine	3470	2570	74	5	30	49-106	
Butyl benzyl phthalate	3470	3310	95	4	30	49-117	
Bis(2-ethylhexyl) phthalate	3470	3320	96	7	30	49-119	
Di-n-octyl phthalate	3470	4040	116	12	30	40-106	F
Indeno[1,2,3-cd]pyrene	3470	3260	94	20	30	43-109	
Dibenz(a,h)anthracene	3470	3040	88	15	30	43-107	
3,3'-Dichlorobenzidine	3470	2160	62	1	30	24-105	
1,2,4,5-Tetrachlorobenzene	3470	2290	66	13	30	70-130	F
2,3,4,6-Tetrachlorophenol	3470	2910	84	2	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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: u70083.d

Lab ID: 460-30505-A-4-C MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Phenol	7440	5020	67	6	30	54-115	
2-Chlorophenol	7480	5610	75	3	30	56-110	
2-Methylphenol	7500	5260	70	8	30	54-117	
4-Methylphenol	7500	4870	65	5	30	47-103	
Benzaldehyde	3890	3470	89	2	30	10-160	
Acetophenone	3890	2830	73	10	30	40-95	
Bis(2-chloroethyl)ether	3890	2720	70	14	30	44-101	
2,2'-oxybis[1-chloropropane]	3890	3060	79	9	30	45-102	
N-Nitrosodi-n-propylamine	3890	3270	84	2	30	42-107	
Nitrobenzene	3890	3200	82	2	30	42-106	
Hexachloroethane	3890	2550	66	7	30	45-90	
Isophorone	3890	3340	86	2	30	48-97	
2-Nitrophenol	7520	5830	78	0	30	55-101	
2,4-Dimethylphenol	7480	6100	82	3	30	56-112	
2,4-Dichlorophenol	7540	5440	72	2	30	58-115	
Bis(2-chloroethoxy)methane	3890	3440	88	2	30	51-100	
Naphthalene	3890	3020	78	1	30	53-94	
4-Chloroaniline	3890	2260	58	7	30	10-96	
Hexachlorobutadiene	3890	2770	71	4	30	45-98	
Caprolactam	3900	2900	74	16	30	10-127	
4-Chloro-3-methylphenol	7520	5900	78	1	30	55-117	
2-Methylnaphthalene	3890	2730	70	7	30	51-98	
Hexachlorobenzene	3890	2750	71	5	30	43-104	
Hexachlorocyclopentadiene	3890	2500	64	4	30	24-98	
2,4,6-Trichlorophenol	7580	6320	83	8	30	53-118	
2,4,5-Trichlorophenol	7580	6660	88	3	30	50-115	
Diphenyl	3890	3410	88	4	30	50-105	
2-Chloronaphthalene	3890	3410	88	6	30	51-102	
2-Nitroaniline	3890	3600	93	6	30	51-109	
2,6-Dinitrotoluene	3890	3550	91	3	30	51-115	
Dimethyl phthalate	3890	3420	88	6	30	52-112	
Acenaphthylene	3890	3150	81	7	30	51-103	
3-Nitroaniline	3890	2500	64	8	30	32-104	
Acenaphthene	3890	3190	82	4	30	46-100	
4-Nitrophenol	7780	6090	78	6	30	45-114	
2,4-Dinitrophenol	7780	1020 J	13	38	30	10-129	F
Dibenzofuran	3890	2890	74	4	30	52-106	
Diethyl phthalate	3890	2930	75	7	30	52-114	
Fluorene	3890	2680	69	5	30	51-108	
Fluoranthene	3890	2020	52	7	30	49-108	
Di-n-butyl phthalate	3890	2510	65	2	30	50-108	
2,4-Dinitrotoluene	3890	2830	73	8	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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: u70083.d

Lab ID: 460-30505-A-4-C MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3890	2740	70	3	30	50-106	
4-Nitroaniline	3890	2410	62	2	30	45-106	
4,6-Dinitro-2-methylphenol	7790	2650	34	31	30	10-110	F
4-Bromophenyl phenyl ether	3890	2900	74	9	30	44-102	
Atrazine	3890	2920	75	2	30	30-100	
Anthracene	3890	3090	79	4	30	50-107	
Carbazole	3890	2960	76	0	30	49-104	
Phenanthrene	3890	3000	77	14	30	48-108	
Pentachlorophenol	7790	3660	47	14	30	19-113	
Pyrene	3890	2370	61	1	30	49-116	
Chrysene	3890	3850	99	2	30	45-114	
Benzo[k]fluoranthene	3890	2600	67	2	30	35-115	
Benzo[g,h,i]perylene	3890	3700	95	6	30	43-106	
Benzo[b]fluoranthene	3890	2390	61	10	30	33-96	
Benzo[a]pyrene	3890	2650	68	5	30	36-89	
Benzo[a]anthracene	3890	2950	76	5	30	46-112	
N-Nitrosodiphenylamine	3890	3840	99	3	30	49-106	
Butyl benzyl phthalate	3890	2420	62	1	30	49-117	
Bis(2-ethylhexyl) phthalate	3890	3270	78	1	30	49-119	
Di-n-octyl phthalate	3890	1640	42	6	30	40-106	
Indeno[1,2,3-cd]pyrene	3890	3890	100	0	30	43-109	
Dibenz(a,h)anthracene	3890	4180	107	4	30	43-107	
3,3'-Dichlorobenzidine	3890	2500	64	3	30	24-105	
1,2,4,5-Tetrachlorobenzene	3890	3480	89	12	30	70-130	
2,3,4,6-Tetrachlorophenol	3890	1980	51	18	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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p19357.d

Lab ID: 460-31126-C-4-A MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Phenol	8930	7120	80	6	30	54-115	
2-Chlorophenol	8980	7430	83	4	30	56-110	
2-Methylphenol	9000	7520	84	5	30	54-117	
4-Methylphenol	9000	7060	78	7	30	47-103	
Benzaldehyde	4670	3530	76	8	30	10-160	
Acetophenone	4670	3840	82	6	30	40-95	
Bis(2-chloroethyl)ether	4670	3810	81	4	30	44-101	
2,2'-oxybis[1-chloropropane]	4670	3940	84	4	30	45-102	
N-Nitrosodi-n-propylamine	4670	4190	90	7	30	42-107	
Nitrobenzene	4670	4100	88	5	30	42-106	
Hexachloroethane	4670	3970	85	4	30	45-90	
Isophorone	4670	4240	91	10	30	48-97	
2-Nitrophenol	9030	8270	92	8	30	55-101	
2,4-Dimethylphenol	8980	8130	91	9	30	56-112	
2,4-Dichlorophenol	9040	7890	87	8	30	58-115	
Bis(2-chloroethoxy)methane	4670	4140	89	7	30	51-100	
Naphthalene	4670	4090	88	7	30	53-94	
4-Chloroaniline	4670	1830	39	21	30	10-96	
Hexachlorobutadiene	4670	4040	87	4	30	45-98	
Caprolactam	4680	4220	90	15	30	10-127	
4-Chloro-3-methylphenol	9030	8320	92	13	30	55-117	
2-Methylnaphthalene	4670	4100	88	10	30	51-98	
Hexachlorobenzene	4670	4450	95	7	30	43-104	
Hexachlorocyclopentadiene	4670	3990	85	2	30	24-98	
2,4,6-Trichlorophenol	9100	8630	95	7	30	53-118	
2,4,5-Trichlorophenol	9100	8440	93	9	30	50-115	
Diphenyl	4670	4200	90	6	30	50-105	
2-Chloronaphthalene	4670	4150	89	5	30	51-102	
2-Nitroaniline	4670	4310	92	8	30	51-109	
2,6-Dinitrotoluene	4670	4360	93	12	30	51-115	
Dimethyl phthalate	4670	4260	91	8	30	52-112	
Acenaphthylene	4670	4030	86	6	30	51-103	
3-Nitroaniline	4670	2640	57	2	30	32-104	
Acenaphthene	4670	4040	86	6	30	46-100	
4-Nitrophenol	9340	8680	93	10	30	45-114	
2,4-Dinitrophenol	9340	8870	95	16	30	10-129	
Dibenzofuran	4670	4150	89	8	30	52-106	
Diethyl phthalate	4670	4290	92	12	30	52-114	
Fluorene	4670	4270	91	9	30	51-108	
Fluoranthene	4670	4320	93	4	30	49-108	
Di-n-butyl phthalate	4670	4410	94	8	30	50-108	
2,4-Dinitrotoluene	4670	4370	94	11	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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p19357.d

Lab ID: 460-31126-C-4-A MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	4670	4300	92	8	30	50-106	
4-Nitroaniline	4670	3630	78	0	30	45-106	
4,6-Dinitro-2-methylphenol	9350	9370	100	9	30	10-110	
4-Bromophenyl phenyl ether	4670	4450	95	3	30	44-102	
Atrazine	4670	3880	83	5	30	30-100	
Anthracene	4670	4220	90	6	30	50-107	
Carbazole	4670	4280	92	6	30	49-104	
Phenanthrene	4670	4300	92	6	30	48-108	
Pentachlorophenol	9350	9790	105	9	30	19-113	
Pyrene	4670	4000	86	6	30	49-116	
Chrysene	4670	4360	93	6	30	45-114	
Benzo[k]fluoranthene	4670	4720	101	5	30	35-115	
Benzo[g,h,i]perylene	4670	4790	103	5	30	43-106	
Benzo[b]fluoranthene	4670	4620	99	5	30	33-96	F
Benzo[a]pyrene	4670	4540	97	7	30	36-89	F
Benzo[a]anthracene	4670	4170	89	6	30	46-112	
N-Nitrosodiphenylamine	4670	4460	95	7	30	49-106	
Butyl benzyl phthalate	4670	4170	89	7	30	49-117	
Bis(2-ethylhexyl) phthalate	4670	4280	92	7	30	49-119	
Di-n-octyl phthalate	4670	4290	92	1	30	40-106	
Indeno[1,2,3-cd]pyrene	4670	4960	106	2	30	43-109	
Dibenz(a,h)anthracene	4670	4970	106	4	30	43-107	
3,3'-Dichlorobenzidine	4670	2810	60	6	30	24-105	
1,2,4,5-Tetrachlorobenzene	4670	4190	90	3	30	70-130	
2,3,4,6-Tetrachlorophenol	4670	4490	96	12	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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: z10034.d

Lab ID: 460-30849-D-6-F MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Phenol	7080	5510	78	3	30	54-115	
2-Chlorophenol	7120	5770	81	2	30	56-110	
2-Methylphenol	7130	6330	89	3	30	54-117	
4-Methylphenol	7130	5670	79	3	30	47-103	
Benzaldehyde	3700	1870	51	1	30	10-160	
Acetophenone	3700	3130	84	4	30	40-95	
Bis(2-chloroethyl)ether	3700	2770	75	3	30	44-101	
2,2'-oxybis[1-chloropropane]	3700	2510	68	2	30	45-102	
N-Nitrosodi-n-propylamine	3700	3270	88	3	30	42-107	
Nitrobenzene	3700	2830	76	2	30	42-106	
Hexachloroethane	3700	2600	70	3	30	45-90	
Isophorone	3700	3030	82	2	30	48-97	
2-Nitrophenol	7150	6060	85	2	30	55-101	
2,4-Dimethylphenol	7120	5880	83	1	30	56-112	
2,4-Dichlorophenol	7170	6040	84	1	30	58-115	
Bis(2-chloroethoxy)methane	3700	3110	84	2	30	51-100	
Naphthalene	3700	3030	82	2	30	53-94	
4-Chloroaniline	3700	2310	62	3	30	10-96	
Hexachlorobutadiene	3700	2870	77	2	30	45-98	
Caprolactam	3710	1890	51	23	30	10-127	
4-Chloro-3-methylphenol	7160	6230	87	3	30	55-117	
2-Methylnaphthalene	3700	3160	85	3	30	51-98	
Hexachlorobenzene	3700	3430	93	7	30	43-104	
Hexachlorocyclopentadiene	3700	2750	74	1	30	24-98	
2,4,6-Trichlorophenol	7210	5920	82	1	30	53-118	
2,4,5-Trichlorophenol	7210	5760	80	1	30	50-115	
Diphenyl	3700	3220	87	1	30	50-105	
2-Chloronaphthalene	3700	3170	85	2	30	51-102	
2-Nitroaniline	3700	3240	87	19	30	51-109	
2,6-Dinitrotoluene	3700	3160	85	2	30	51-115	
Dimethyl phthalate	3700	3010	81	1	30	52-112	
Acenaphthylene	3700	3070	83	2	30	51-103	
3-Nitroaniline	3700	2440	66	2	30	32-104	
Acenaphthene	3700	3150	85	1	30	46-100	
4-Nitrophenol	7400	4520	61	1	30	45-114	
2,4-Dinitrophenol	7400	81.5 J	1	4	30	10-129	F
Dibenzofuran	3700	3180	86	2	30	52-106	
Diethyl phthalate	3700	2910	79	2	30	52-114	
Fluorene	3700	3130	85	0	30	51-108	
Fluoranthene	3700	2860	77	1	30	49-108	
Di-n-butyl phthalate	3700	2920	79	1	30	50-108	
2,4-Dinitrotoluene	3700	2960	80	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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: z10034.d

Lab ID: 460-30849-D-6-F MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3700	3190	86	1	30	50-106	
4-Nitroaniline	3700	1910	51	1	30	45-106	
4,6-Dinitro-2-methylphenol	7410	503 J	7	4	30	10-110	F
4-Bromophenyl phenyl ether	3700	3580	97	6	30	44-102	
Atrazine	3700	3020	82	1	30	30-100	
Anthracene	3700	3320	90	0	30	50-107	
Carbazole	3700	3030	82	0	30	49-104	
Phenanthrene	3700	3360	91	1	30	48-108	
Pentachlorophenol	7410	3470	47	2	30	19-113	
Pyrene	3700	3750	101	2	30	49-116	
Chrysene	3700	3380	91	1	30	45-114	
Benzo[k]fluoranthene	3700	3310	89	8	30	35-115	
Benzo[g,h,i]perylene	3700	3700	100	1	30	43-106	
Benzo[b]fluoranthene	3700	3420	92	7	30	33-96	
Benzo[a]pyrene	3700	3220	87	0	30	36-89	
Benzo[a]anthracene	3700	3150	85	3	30	46-112	
N-Nitrosodiphenylamine	3700	3590	97	5	30	49-106	
Butyl benzyl phthalate	3700	3290	89	1	30	49-117	
Bis(2-ethylhexyl) phthalate	3700	3110	84	1	30	49-119	
Di-n-octyl phthalate	3700	2870	78	2	30	40-106	
Indeno[1,2,3-cd]pyrene	3700	3570	97	14	30	43-109	
Dibenz(a,h)anthracene	3700	3650	99	2	30	43-107	
3,3'-Dichlorobenzidine	3700	2810	76	8	30	24-105	
1,2,4,5-Tetrachlorobenzene	3700	3090	83	2	30	70-130	
2,3,4,6-Tetrachlorophenol	3700	2460	66	1	30	70-130	F

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.: 460-30837-1

SDG No.:

Lab File ID: z19813.d Lab Sample ID: MB 460-85863/1-A

Matrix: Water Date Extracted: 09/13/2011 07:53

Instrument ID: BNAMS11 Date Analyzed: 09/14/2011 06:20

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-85863/2-A	z19811.d	09/14/2011 05:30
	LCSD 460-85863/3-A	z19812.d	09/14/2011 05:55
FB_090811	460-30837-30	z19818.d	09/14/2011 08:25
FB_090911	460-30837-31	z19819.d	09/14/2011 08:50

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab File ID: u70071.d Lab Sample ID: MB 460-85882/1-A

Matrix: Solid Date Extracted: 09/13/2011 10:15

Instrument ID: BNAMS4 Date Analyzed: 09/14/2011 03:00

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-85882/2-A	u70064.d	09/14/2011 00:24
PMP-25-VS-S (1-3)	460-30837-18	u70075.d	09/14/2011 04:27
PMP-25-VD-S (3-5)	460-30837-19	u70076.d	09/14/2011 04:48
	460-30505-A-4-B MS	u70082.d	09/14/2011 06:59
	460-30505-A-4-C MSD	u70083.d	09/14/2011 07:21
PMP-24-SI-S (10.5-12.5)	460-30837-7	u70085.d	09/14/2011 08:05
PMP-24-WT-S (6.5-8.5)	460-30837-6	u70104.d	09/14/2011 18:33
PMP-25-WT-S (7.5-9.5)	460-30837-20	u70140.d	09/15/2011 14:51

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab File ID: p19354.d Lab Sample ID: MB 460-86273/1-A

Matrix: Solid Date Extracted: 09/16/2011 07:35

Instrument ID: BNAMS10 Date Analyzed: 09/17/2011 07:57

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	460-31126-B-4-A MS	p19356.d	09/17/2011 08:48
	460-31126-C-4-A MSD	p19357.d	09/17/2011 09:14
PMP-22-VD-S (3.5-5.0)	460-30837-9	p19359.d	09/17/2011 10:06
PMP-22-WT-S (7.0-8.5)	460-30837-10	p19360.d	09/17/2011 10:32
PMP-23-VS-S (1-3)	460-30837-11	p19361.d	09/17/2011 10:58
PMP-23-WT-S (6.5-8.5)	460-30837-12	p19362.d	09/17/2011 11:23
PMP-23-VD-S (3.5-5.0)	460-30837-13	p19363.d	09/17/2011 11:49
	LCS 460-86273/2-A	p19375.d	09/18/2011 03:33
PMP-2-VD-S (3.5-4.0)	460-30837-1	p19377.d	09/18/2011 04:25
PMP-2-SI-S (10.5-11.0)	460-30837-3	p19379.d	09/18/2011 05:17
PMP-22-VS-S (1.5-2.0)	460-30837-8	p19380.d	09/18/2011 05:42
PMP-24-VS-S (1-3)	460-30837-4	p19381.d	09/18/2011 06:08
PMP-24-VD-S (4.5-6.0)	460-30837-5	p19382.d	09/18/2011 06:34
PMP-2-WT-S (8.0-8.5)	460-30837-2	p19440.d	09/20/2011 18:03

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab File ID: u70285.d Lab Sample ID: MB 460-86534/1-A

Matrix: Solid Date Extracted: 09/19/2011 12:00

Instrument ID: BNAMS4 Date Analyzed: 09/21/2011 02:11

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-86534/2-A	u70283.d	09/21/2011 00:43
PMP-12-VD-S (2.5-3.0)	460-30837-15	u70288.d	09/21/2011 03:15
PMP-12-WT-S (7.0-7.5)	460-30837-16	u70289.d	09/21/2011 03:34
PMP-8-WT-S (7.0-7.5)	460-30837-26	u70291.d	09/21/2011 04:13
PMP-4-VD-S (2.5-3.0)	460-30837-28	u70292.d	09/21/2011 04:32
PMP-4-WT-S (7.0-7.5)	460-30837-29	u70293.d	09/21/2011 04:51
PMP-4-VD-S (2.5-3.0) MSD	460-30837-28 MSD	u70303.d	09/21/2011 08:02
PMP-4-VD-S (2.5-3.0) MS	460-30837-28 MS	u70306.d	09/21/2011 09:03
PMP-14-VD-S (2.5-3.0)	460-30837-22	u70307.d	09/21/2011 09:22
PMP-14-WT-S (7.0-7.5)	460-30837-23	u70308.d	09/21/2011 09:41
PMP-12-VS-S (0.5-1.0)	460-30837-14	u70310.d	09/21/2011 10:20
PMP-14-VS-S (0.5-1.0)	460-30837-21	u70311.d	09/21/2011 10:39
PMP-8-VS-S (0.5-1.0)	460-30837-24	u70312.d	09/21/2011 10:58
PMP-8-VD-S (2.5-3.0)	460-30837-25	x17943.d	09/21/2011 13:13
PMP-4-VS-S (0.5-1.0)	460-30837-27	x17944.d	09/21/2011 13:37

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab File ID: z10023.d Lab Sample ID: MB 460-86659/1-A

Matrix: Solid Date Extracted: 09/20/2011 13:00

Instrument ID: BNAMS11 Date Analyzed: 09/21/2011 01:48

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-86659/2-A	z10022.d	09/21/2011 01:23
Dup_090811	460-30837-17	z10030.d	09/21/2011 04:43
	460-30849-D-6-E MS	z10033.d	09/21/2011 05:58
	460-30849-D-6-F MSD	z10034.d	09/21/2011 06:23

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab File ID: p19344.d DFTPP Injection Date: 09/17/2011

Instrument ID: BNAMS10 DFTPP Injection Time: 01:38

Analysis Batch No.: 86513

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	40.8	
68	Less than 2.0 % of mass 69	0.4	(0.8)1
69	Mass 69 relative abundance	49.9	
70	Less than 2.0 % of mass 69	0.5	(0.9)1
127	40.0 - 60.0 % of mass 198	51.1	
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	7.2	
275	10.0 - 30.0 % of mass 198	25.0	
365	Greater than 1.0 % of mass 198	4.2	
441	Present but less than mass 443	7.5	
442	Greater than 40.0 % of mass 198	55.1	
443	17.0 - 23.0 % of mass 442	9.8	(17.8)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
	ICIS 460-86513/2	p19346.d	09/17/2011	02:47
	IC 460-86513/3	p19347.d	09/17/2011	03:49
	IC 460-86513/4	p19348.d	09/17/2011	04:14
	IC 460-86513/5	p19349.d	09/17/2011	04:40
	IC 460-86513/6	p19350.d	09/17/2011	05:06
	IC 460-86513/7	p19351.d	09/17/2011	05:31
	MB 460-86273/1-A	p19354.d	09/17/2011	07:57
	460-31126-B-4-A MS	p19356.d	09/17/2011	08:48
	460-31126-C-4-A MSD	p19357.d	09/17/2011	09:14
PMP-22-VD-S (3.5-5.0)	460-30837-9	p19359.d	09/17/2011	10:06
PMP-22-WT-S (7.0-8.5)	460-30837-10	p19360.d	09/17/2011	10:32
PMP-23-VS-S (1-3)	460-30837-11	p19361.d	09/17/2011	10:58
PMP-23-WT-S (6.5-8.5)	460-30837-12	p19362.d	09/17/2011	11:23
PMP-23-VD-S (3.5-5.0)	460-30837-13	p19363.d	09/17/2011	11:49

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab File ID: p19372.d DFTPP Injection Date: 09/18/2011

Instrument ID: BNAMS10 DFTPP Injection Time: 01:38

Analysis Batch No.: 86671

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	0.7	(1.5)1
69	Mass 69 relative abundance	46.0	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	50.1	
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	7.2	
275	10.0 - 30.0 % of mass 198	26.1	
365	Greater than 1.0 % of mass 198	4.7	
441	Present but less than mass 443	9.3	
442	Greater than 40.0 % of mass 198	68.4	
443	17.0 - 23.0 % of mass 442	13.9	(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 460-86671/2	p19374.d	09/18/2011	03:06
	LCS 460-86273/2-A	p19375.d	09/18/2011	03:33
PMP-2-VD-S (3.5-4.0)	460-30837-1	p19377.d	09/18/2011	04:25
PMP-2-SI-S (10.5-11.0)	460-30837-3	p19379.d	09/18/2011	05:17
PMP-22-VS-S (1.5-2.0)	460-30837-8	p19380.d	09/18/2011	05:42
PMP-24-VS-S (1-3)	460-30837-4	p19381.d	09/18/2011	06:08
PMP-24-VD-S (4.5-6.0)	460-30837-5	p19382.d	09/18/2011	06:34

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab File ID: p19422.d DFTPP Injection Date: 09/20/2011

Instrument ID: BNAMS10 DFTPP Injection Time: 09:55

Analysis Batch No.: 86818

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	39.0	
68	Less than 2.0 % of mass 69	0.3	(0.6)1
69	Mass 69 relative abundance	49.8	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	50.0	
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	6.6	
275	10.0 - 30.0 % of mass 198	25.0	
365	Greater than 1.0 % of mass 198	4.5	
441	Present but less than mass 443	6.9	
442	Greater than 40.0 % of mass 198	55.1	
443	17.0 - 23.0 % of mass 442	11.8	(21.5)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
	CCVIS 460-86818/2	p19423.d	09/20/2011	10:15
PMP-2-WT-S (8.0-8.5)	460-30837-2	p19440.d	09/20/2011	18:03

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab File ID: z19784.d DFTPP Injection Date: 09/13/2011

Instrument ID: BNAMS11 DFTPP Injection Time: 10:32

Analysis Batch No.: 86050

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	43.1	
68	Less than 2.0 % of mass 69	0.6	(1.4)1
69	Mass 69 relative abundance	41.0	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	50.5	
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	6.7	
275	10.0 - 30.0 % of mass 198	28.4	
365	Greater than 1.0 % of mass 198	4.7	
441	Present but less than mass 443	13.1	
442	Greater than 40.0 % of mass 198	87.4	
443	17.0 - 23.0 % of mass 442	16.9	(19.3)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
	ICIS 460-86050/7	z19786.d	09/13/2011	11:34
	IC 460-86050/2	z19787.d	09/13/2011	12:17
	IC 460-86050/3	z19789.d	09/13/2011	13:07
	IC 460-86050/4	z19790.d	09/13/2011	13:32
	IC 460-86050/5	z19791.d	09/13/2011	13:57
	IC 460-86050/6	z19792.d	09/13/2011	14:23

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab File ID: z19804.d DFTPP Injection Date: 09/14/2011

Instrument ID: BNAMS11 DFTPP Injection Time: 02:28

Analysis Batch No.: 86052

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	41.5	
68	Less than 2.0 % of mass 69	0.0	(0.0)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	51.1	
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	6.7	
275	10.0 - 30.0 % of mass 198	29.7	
365	Greater than 1.0 % of mass 198	4.9	
441	Present but less than mass 443	14.1	
442	Greater than 40.0 % of mass 198	95.0	
443	17.0 - 23.0 % of mass 442	16.7	(17.6)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 460-86052/2	z19805.d	09/14/2011	02:44
	LCS 460-85863/2-A	z19811.d	09/14/2011	05:30
	LCSD 460-85863/3-A	z19812.d	09/14/2011	05:55
	MB 460-85863/1-A	z19813.d	09/14/2011	06:20
FB_090811	460-30837-30	z19818.d	09/14/2011	08:25
FB_090911	460-30837-31	z19819.d	09/14/2011	08:50

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab File ID: z10020.d DFTPP Injection Date: 09/20/2011

Instrument ID: BNAMS11 DFTPP Injection Time: 23:56

Analysis Batch No.: 86827

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	42.9	
68	Less than 2.0 % of mass 69	0.6	(1.5)1
69	Mass 69 relative abundance	43.3	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	54.0	
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	6.1	
275	10.0 - 30.0 % of mass 198	27.3	
365	Greater than 1.0 % of mass 198	5.1	
441	Present but less than mass 443	13.5	
442	Greater than 40.0 % of mass 198	92.6	
443	17.0 - 23.0 % of mass 442	17.8	(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 460-86827/2	z10021.d	09/21/2011	00:12
	LCS 460-86659/2-A	z10022.d	09/21/2011	01:23
	MB 460-86659/1-A	z10023.d	09/21/2011	01:48
Dup_090811	460-30837-17	z10030.d	09/21/2011	04:43
	460-30849-D-6-E MS	z10033.d	09/21/2011	05:58
	460-30849-D-6-F MSD	z10034.d	09/21/2011	06:23

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab File ID: u69905.d DFTPP Injection Date: 09/06/2011

Instrument ID: BNAMS4 DFTPP Injection Time: 15:26

Analysis Batch No.: 85302

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	46.3	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	71.9	
70	Less than 2.0 % of mass 69	0.3	(0.4)1
127	40.0 - 60.0 % of mass 198	45.8	
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	6.8	
275	10.0 - 30.0 % of mass 198	22.3	
365	Greater than 1.0 % of mass 198	2.7	
441	Present but less than mass 443	13.0	
442	Greater than 40.0 % of mass 198	83.8	
443	17.0 - 23.0 % of mass 442	16.0	(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
	ICIS 460-85302/2	u69906.d	09/06/2011	16:22
	IC 460-85302/3	u69907.d	09/06/2011	16:45
	IC 460-85302/4	u69909.d	09/06/2011	17:29
	IC 460-85302/5	u69910.d	09/06/2011	17:51
	IC 460-85302/6	u69911.d	09/06/2011	18:12
	IC 460-85302/7	u69912.d	09/06/2011	18:34

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab File ID: u70062.d DFTPP Injection Date: 09/13/2011

Instrument ID: BNAMS4 DFTPP Injection Time: 23:36

Analysis Batch No.: 86039

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	52.3	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	72.3	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	45.8	
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	20.9	
365	Greater than 1.0 % of mass 198	2.6	
441	Present but less than mass 443	10.5	
442	Greater than 40.0 % of mass 198	67.8	
443	17.0 - 23.0 % of mass 442	13.3	(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
	CCVIS 460-86039/2	u70063.d	09/13/2011	23:55
	LCS 460-85882/2-A	u70064.d	09/14/2011	00:24
	MB 460-85882/1-A	u70071.d	09/14/2011	03:00
PMP-25-VS-S (1-3)	460-30837-18	u70075.d	09/14/2011	04:27
PMP-25-VD-S (3-5)	460-30837-19	u70076.d	09/14/2011	04:48
	460-30505-A-4-B MS	u70082.d	09/14/2011	06:59
	460-30505-A-4-C MSD	u70083.d	09/14/2011	07:21
PMP-24-SI-S (10.5-12.5)	460-30837-7	u70085.d	09/14/2011	08:05

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab File ID: u70094.d DFTPP Injection Date: 09/14/2011

Instrument ID: BNAMS4 DFTPP Injection Time: 14:39

Analysis Batch No.: 86190

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	51.0	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	73.5	
70	Less than 2.0 % of mass 69	0.2	(0.2)1
127	40.0 - 60.0 % of mass 198	45.1	
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	6.9	
275	10.0 - 30.0 % of mass 198	20.0	
365	Greater than 1.0 % of mass 198	2.3	
441	Present but less than mass 443	11.0	
442	Greater than 40.0 % of mass 198	70.4	
443	17.0 - 23.0 % of mass 442	13.8	(19.6)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 460-86190/2	u70096.d	09/14/2011	15:20
PMP-24-WT-S (6.5-8.5)	460-30837-6	u70104.d	09/14/2011	18:33

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab File ID: u70130.d DFTPP Injection Date: 09/15/2011

Instrument ID: BNAMS4 DFTPP Injection Time: 10:42

Analysis Batch No.: 86198

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	50.5	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	78.4	
70	Less than 2.0 % of mass 69	0.2	(0.3)1
127	40.0 - 60.0 % of mass 198	47.4	
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	7.3	
275	10.0 - 30.0 % of mass 198	21.8	
365	Greater than 1.0 % of mass 198	2.8	
441	Present but less than mass 443	11.9	
442	Greater than 40.0 % of mass 198	75.6	
443	17.0 - 23.0 % of mass 442	14.6	(19.3)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 460-86198/2	u70131.d	09/15/2011	11:01
PMP-25-WT-S (7.5-9.5)	460-30837-20	u70140.d	09/15/2011	14:51

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab File ID: u70272.d DFTPP Injection Date: 09/20/2011

Instrument ID: BNAMS4 DFTPP Injection Time: 13:09

Analysis Batch No.: 86806

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	52.9	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	72.5	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	46.4	
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	6.1	
275	10.0 - 30.0 % of mass 198	19.2	
365	Greater than 1.0 % of mass 198	2.3	
441	Present but less than mass 443	11.8	
442	Greater than 40.0 % of mass 198	71.4	
443	17.0 - 23.0 % of mass 442	13.0	(18.3)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
	ICIS 460-86806/2	u70273.d	09/20/2011	13:28
	IC 460-86806/3	u70274.d	09/20/2011	13:54
	IC 460-86806/4	u70275.d	09/20/2011	14:13
	IC 460-86806/5	u70276.d	09/20/2011	14:32
	IC 460-86806/6	u70277.d	09/20/2011	14:51
	IC 460-86806/7	u70278.d	09/20/2011	15:10

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab File ID: u70280.d DFTPP Injection Date: 09/20/2011

Instrument ID: BNAMS4 DFTPP Injection Time: 23:26

Analysis Batch No.: 86807

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	54.7	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	74.8	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	49.8	
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	21.9	
365	Greater than 1.0 % of mass 198	2.2	
441	Present but less than mass 443	11.9	
442	Greater than 40.0 % of mass 198	76.0	
443	17.0 - 23.0 % of mass 442	13.9	(18.3)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 460-86807/2	u70281.d	09/20/2011	23:48
	LCS 460-86534/2-A	u70283.d	09/21/2011	00:43
	MB 460-86534/1-A	u70285.d	09/21/2011	02:11
PMP-12-VD-S (2.5-3.0)	460-30837-15	u70288.d	09/21/2011	03:15
PMP-12-WT-S (7.0-7.5)	460-30837-16	u70289.d	09/21/2011	03:34
PMP-8-WT-S (7.0-7.5)	460-30837-26	u70291.d	09/21/2011	04:13
PMP-4-VD-S (2.5-3.0)	460-30837-28	u70292.d	09/21/2011	04:32
PMP-4-WT-S (7.0-7.5)	460-30837-29	u70293.d	09/21/2011	04:51
PMP-4-VD-S (2.5-3.0) MSD	460-30837-28 MSD	u70303.d	09/21/2011	08:02
PMP-4-VD-S (2.5-3.0) MS	460-30837-28 MS	u70306.d	09/21/2011	09:03
PMP-14-VD-S (2.5-3.0)	460-30837-22	u70307.d	09/21/2011	09:22
PMP-14-WT-S (7.0-7.5)	460-30837-23	u70308.d	09/21/2011	09:41
PMP-12-VS-S (0.5-1.0)	460-30837-14	u70310.d	09/21/2011	10:20
PMP-14-VS-S (0.5-1.0)	460-30837-21	u70311.d	09/21/2011	10:39
PMP-8-VS-S (0.5-1.0)	460-30837-24	u70312.d	09/21/2011	10:58

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab File ID: x17710.d DFTPP Injection Date: 09/12/2011

Instrument ID: BNAMS5 DFTPP Injection Time: 11:08

Analysis Batch No.: 85901

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	39.5	
68	Less than 2.0 % of mass 69	0.7	(2.0)1
69	Mass 69 relative abundance	34.3	
70	Less than 2.0 % of mass 69	0.4	(1.3)1
127	40.0 - 60.0 % of mass 198	44.2	
197	Less than 1.0 % of mass 198	0.5	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.1	
275	10.0 - 30.0 % of mass 198	25.6	
365	Greater than 1.0 % of mass 198	3.3	
441	Present but less than mass 443	15.7	
442	Greater than 40.0 % of mass 198	102.4	
443	17.0 - 23.0 % of mass 442	20.6	(20.1)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 460-85901/2	x17711.d	09/12/2011	11:23
	IC 460-85901/3	x17712.d	09/12/2011	12:05
	IC 460-85901/4	x17714.d	09/12/2011	12:52
	IC 460-85901/5	x17715.d	09/12/2011	13:15
	IC 460-85901/6	x17716.d	09/12/2011	13:39
	IC 460-85901/7	x17717.d	09/12/2011	14:45

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab File ID: x17922.d DFTPP Injection Date: 09/21/2011

Instrument ID: BNAMS5 DFTPP Injection Time: 03:19

Analysis Batch No.: 86811

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	40.1	
68	Less than 2.0 % of mass 69	0.5	(1.6)1
69	Mass 69 relative abundance	33.9	
70	Less than 2.0 % of mass 69	0.2	(0.7)1
127	40.0 - 60.0 % of mass 198	46.5	
197	Less than 1.0 % of mass 198	0.6	
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	26.2	
365	Greater than 1.0 % of mass 198	3.6	
441	Present but less than mass 443	15.4	
442	Greater than 40.0 % of mass 198	107.5	
443	17.0 - 23.0 % of mass 442	20.3	(18.9)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 460-86811/2	x17923.d	09/21/2011	04:03
PMP-8-VD-S (2.5-3.0)	460-30837-25	x17943.d	09/21/2011	13:13
PMP-4-VS-S (0.5-1.0)	460-30837-27	x17944.d	09/21/2011	13:37

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Sample No.: ICIS 460-86513/2 Date Analyzed: 09/17/2011 02:47

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): p19346.d Heated Purge: (Y/N) N

Calibration ID: 12264

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		377785	4.46	1208074	5.82	651865	7.61
UPPER LIMIT		755570	4.96	2416148	6.32	1303730	8.11
LOWER LIMIT		188893	3.96	604037	5.32	325933	7.11
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-86273/1-A		403715	4.45	1337831	5.81	746511	7.60
460-31126-B-4-A MS		496944	4.45	1513893	5.82	774128	7.60
460-31126-C-4-A MSD		387232	4.45	1180068	5.81	644039	7.60
460-30837-9	PMP-22-VD-S (3.5-5.0)	366612	4.45	1192014	5.81	694361	7.60
460-30837-10	PMP-22-WT-S (7.0-8.5)	353755	4.45	1144617	5.81	660286	7.60
460-30837-11	PMP-23-VS-S (1-3)	407854	4.45	1302205	5.81	688703	7.60
460-30837-12	PMP-23-WT-S (6.5-8.5)	403602	4.45	1241475	5.81	707684	7.60
460-30837-13	PMP-23-VD-S (3.5-5.0)	367557	4.45	1141685	5.81	641308	7.60

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.: 460-30837-1

SDG No.:

Sample No.: ICIS 460-86513/2 Date Analyzed: 09/17/2011 02:47

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): p19346.d Heated Purge: (Y/N) N

Calibration ID: 12264

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		888875	9.08	631570	11.80	502747	13.66
UPPER LIMIT		1777750	9.58	1263140	12.30	1005494	14.16
LOWER LIMIT		444438	8.58	315785	11.30	251374	13.16
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-86273/1-A		1059867	9.07	716099	11.78	598101	13.64
460-31126-B-4-A MS		1016845	9.07	772416	11.78	602427	13.64
460-31126-C-4-A MSD		882559	9.07	640658	11.78	545313	13.64
460-30837-9	PMP-22-VD-S (3.5-5.0)	973375	9.07	650942	11.78	564852	13.64
460-30837-10	PMP-22-WT-S (7.0-8.5)	967556	9.07	646606	11.78	550418	13.64
460-30837-11	PMP-23-VS-S (1-3)	939156	9.07	628047	11.78	541113	13.64
460-30837-12	PMP-23-WT-S (6.5-8.5)	998566	9.07	667567	11.78	591708	13.64
460-30837-13	PMP-23-VD-S (3.5-5.0)	873821	9.07	631430	11.78	547290	13.64

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.: 460-30837-1

SDG No.:

Sample No.: CCVIS 460-86671/2 Date Analyzed: 09/18/2011 03:06

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): p19374.d Heated Purge: (Y/N) N

Calibration ID: 12264

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		324411	4.45	1038850	5.82	543635	7.61
UPPER LIMIT		648822	4.95	2077700	6.32	1087270	8.11
LOWER LIMIT		162206	3.95	519425	5.32	271818	7.11
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-86273/2-A		561263	4.46	1642033	5.82	790582	7.61
460-30837-1	PMP-2-VD-S (3.5-4.0)	518351	4.45	1465885	5.82	686352	7.61
460-30837-3	PMP-2-SI-S (10.5-11.0)	476759	4.46	1387427	5.82	720154	7.61
460-30837-8	PMP-22-VS-S (1.5-2.0)	537216	4.45	1536796	5.82	675634	7.61
460-30837-4	PMP-24-VS-S (1-3)	420317	4.45	1181477	5.82	506640	7.61
460-30837-5	PMP-24-VD-S (4.5-6.0)	371511	4.46	1004425	5.82	492553	7.61

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.: 460-30837-1

SDG No.:

Sample No.: CCVIS 460-86671/2 Date Analyzed: 09/18/2011 03:06

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): p19374.d Heated Purge: (Y/N) N

Calibration ID: 12264

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		699286	9.08	601757	11.78	489029	13.64
UPPER LIMIT		1398572	9.58	1203514	12.28	978058	14.14
LOWER LIMIT		349643	8.58	300879	11.28	244515	13.14
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-86273/2-A		924259	9.08	808416	11.78	640370	13.64
460-30837-1	PMP-2-VD-S (3.5-4.0)	828351	9.08	517833	11.78	493761	13.64
460-30837-3	PMP-2-SI-S (10.5-11.0)	704536	9.08	429730	11.78	433367	13.64
460-30837-8	PMP-22-VS-S (1.5-2.0)	783458	9.08	495066	11.78	400675	13.64
460-30837-4	PMP-24-VS-S (1-3)	572156	9.08	419961	11.78	393069	13.64
460-30837-5	PMP-24-VD-S (4.5-6.0)	507356	9.06	436785	11.78	382151	13.64

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.: 460-30837-1

SDG No.:

Sample No.: CCVIS 460-86818/2 Date Analyzed: 09/20/2011 10:15

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): p19423.d Heated Purge: (Y/N) N

Calibration ID: 12264

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		409605	4.35	1174603	5.71	577154	7.50
UPPER LIMIT		819210	4.85	2349206	6.21	1154308	8.00
LOWER LIMIT		204803	3.85	587302	5.21	288577	7.00
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-30837-2	PMP-2-WT-S (8.0-8.5)	470518	4.34	1466514	5.72	977572	7.51

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.: 460-30837-1

SDG No.:

Sample No.: CCVIS 460-86818/2 Date Analyzed: 09/20/2011 10:15

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): p19423.d Heated Purge: (Y/N) N

Calibration ID: 12264

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		709899	8.97	520712	11.66	451132	13.49
UPPER LIMIT		1419798	9.47	1041424	12.16	902264	13.99
LOWER LIMIT		354950	8.47	260356	11.16	225566	12.99
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-30837-2	PMP-2-WT-S (8.0-8.5)	810120	8.98	506238	11.66	462244	13.48

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.: 460-30837-1

SDG No.:

Sample No.: CCVIS 460-86052/2 Date Analyzed: 09/14/2011 02:44

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): z19805.d Heated Purge: (Y/N) N

Calibration ID: 12194

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		402864	4.11	1349354	5.40	549985	7.15
UPPER LIMIT		805728	4.61	2698708	5.90	1099970	7.65
LOWER LIMIT		201432	3.61	674677	4.90	274993	6.65
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-85863/2-A		391195	4.11	1236880	5.40	484443	7.14
LCSD 460-85863/3-A		363067	4.11	1175764	5.40	464064	7.14
MB 460-85863/1-A		478157	4.11	1707994	5.39	762066	7.14
460-30837-30	FB_090811	428031	4.11	1485282	5.39	642776	7.14
460-30837-31	FB_090911	436483	4.11	1550984	5.39	686042	7.14

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.: 460-30837-1

SDG No.:

Sample No.: CCVIS 460-86052/2 Date Analyzed: 09/14/2011 02:44

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): z19805.d Heated Purge: (Y/N) N

Calibration ID: 12194

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		619611	8.60	306415	11.31	235415	13.16
UPPER LIMIT		1239222	9.10	612830	11.81	470830	13.66
LOWER LIMIT		309806	8.10	153208	10.81	117708	12.66
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-85863/2-A		543104	8.60	288131	11.31	232933	13.16
LCSD 460-85863/3-A		505453	8.60	254740	11.31	208151	13.16
MB 460-85863/1-A		928664	8.60	391824	11.30	267287	13.15
460-30837-30	FB_090811	807657	8.60	399488	11.30	285031	13.16
460-30837-31	FB_090911	863440	8.60	398694	11.31	285317	13.16

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.: 460-30837-1

SDG No.:

Sample No.: CCVIS 460-86827/2 Date Analyzed: 09/21/2011 00:12

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): z10021.d Heated Purge: (Y/N) N

Calibration ID: 12194

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		440795	3.89	1428818	5.18	556862	6.92
UPPER LIMIT		881590	4.39	2857636	5.68	1113724	7.42
LOWER LIMIT		220398	3.39	714409	4.68	278431	6.42
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-86659/2-A		471902	3.88	1565738	5.18	629912	6.92
MB 460-86659/1-A		475323	3.88	1736463	5.17	806977	6.92
460-30837-17	Dup_090811	536796	3.88	1978862	5.17	906517	6.92
460-30849-D-6-E MS		461971	3.89	1587223	5.18	675194	6.92
460-30849-D-6-F MSD		464458	3.88	1586137	5.18	671227	6.92

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.: 460-30837-1

SDG No.:

Sample No.: CCVIS 460-86827/2 Date Analyzed: 09/21/2011 00:12

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): z10021.d Heated Purge: (Y/N) N

Calibration ID: 12194

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		597788	8.37	268002	11.03	218234	12.82
UPPER LIMIT		1195576	8.87	536004	11.53	436468	13.32
LOWER LIMIT		298894	7.87	134001	10.53	109117	12.32
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-86659/2-A		676057	8.38	337954	11.03	287726	12.82
MB 460-86659/1-A		896253	8.37	372355	11.02	298636	12.82
460-30837-17	Dup_090811	979783	8.37	397184	11.02	321588	12.82
460-30849-D-6-E MS		705800	8.37	324790	11.03	278749	12.82
460-30849-D-6-F MSD		737531	8.37	336376	11.03	271689	12.82

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.: 460-30837-1

SDG No.:

Sample No.: CCVIS 460-86039/2 Date Analyzed: 09/13/2011 23:55

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): u70063.d Heated Purge: (Y/N) N

Calibration ID: 12133

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		460994	3.84	1289359	5.13	746740	6.89
UPPER LIMIT		921988	4.34	2578718	5.63	1493480	7.39
LOWER LIMIT		230497	3.34	644680	4.63	373370	6.39
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-85882/2-A		490033	3.84	1577637	5.14	969201	6.89
MB 460-85882/1-A		365869	3.83	1294784	5.12	835406	6.88
460-30837-18	PMP-25-VS-S (1-3)	586625	3.84	1905999	5.13	1165710	6.88
460-30837-19	PMP-25-VD-S (3-5)	566781	3.84	1860641	5.13	1191055	6.88
460-30505-A-4-B MS		336448	3.84	1086176	5.14	486395	6.89
460-30505-A-4-C MSD		350475	3.84	1054969	5.14	507425	6.89
460-30837-7	PMP-24-SI-S (10.5-12.5)	448723	3.84	1403118	5.12	611523	6.88

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.: 460-30837-1

SDG No.:

Sample No.: CCVIS 460-86039/2 Date Analyzed: 09/13/2011 23:55

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): u70063.d Heated Purge: (Y/N) N

Calibration ID: 12133

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		934571	8.34	687347	10.99	420956	12.77
UPPER LIMIT		1869142	8.84	1374694	11.49	841912	13.27
LOWER LIMIT		467286	7.84	343674	10.49	210478	12.27
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-85882/2-A		1151756	8.34	852317	11.00	551811	12.77
MB 460-85882/1-A		1196709	8.33	890001	10.98	614070	12.77
460-30837-18	PMP-25-VS-S (1-3)	1589803	8.33	1089151	10.99	756054	12.77
460-30837-19	PMP-25-VD-S (3-5)	1556808	8.33	1060259	10.98	790695	12.77
460-30505-A-4-B MS		548232	8.36	424638	11.02	457430	12.83
460-30505-A-4-C MSD		574580	8.36	413080	11.02	474996	12.83
460-30837-7	PMP-24-SI-S (10.5-12.5)	682445	8.34	566251	10.98	392780	12.77

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.: 460-30837-1

SDG No.:

Sample No.: CCVIS 460-86190/2 Date Analyzed: 09/14/2011 15:20

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): u70096.d Heated Purge: (Y/N) N

Calibration ID: 12133

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		417857	3.78	1247902	5.07	809135	6.83
UPPER LIMIT		835714	4.28	2495804	5.57	1618270	7.33
LOWER LIMIT		208929	3.28	623951	4.57	404568	6.33
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-30837-6	PMP-24-WT-S (6.5-8.5)	423279	3.78	1513084	5.07	647010	6.82

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.: 460-30837-1

SDG No.:

Sample No.: CCVIS 460-86190/2 Date Analyzed: 09/14/2011 15:20

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): u70096.d Heated Purge: (Y/N) N

Calibration ID: 12133

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1132361	8.28	1004907	10.92	776530	12.68
UPPER LIMIT		2264722	8.78	2009814	11.42	1553060	13.18
LOWER LIMIT		566181	7.78	502454	10.42	388265	12.18
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-30837-6	PMP-24-WT-S (6.5-8.5)	1079833	8.25	893185	10.92	701089	12.68

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.: 460-30837-1

SDG No.:

Sample No.: CCVIS 460-86198/2 Date Analyzed: 09/15/2011 11:01

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): u70131.d Heated Purge: (Y/N) N

Calibration ID: 12133

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		377984	3.76	1142217	5.06	781665	6.80
UPPER LIMIT		755968	4.26	2284434	5.56	1563330	7.30
LOWER LIMIT		188992	3.26	571109	4.56	390833	6.30
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-30837-20	PMP-25-WT-S (7.5-9.5)	382687	3.75	1335057	5.05	941274	6.79

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.: 460-30837-1

SDG No.:

Sample No.: CCVIS 460-86198/2 Date Analyzed: 09/15/2011 11:01

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): u70131.d Heated Purge: (Y/N) N

Calibration ID: 12133

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1133068	8.26	1087796	10.89	709486	12.65
UPPER LIMIT		2266136	8.76	2175592	11.39	1418972	13.15
LOWER LIMIT		566534	7.76	543898	10.39	354743	12.15
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-30837-20	PMP-25-WT-S (7.5-9.5)	1431720	8.25	1122841	10.88	787241	12.64

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.: 460-30837-1

SDG No.:

Sample No.: CCVIS 460-86807/2 Date Analyzed: 09/20/2011 23:48

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): u70281.d Heated Purge: (Y/N) N

Calibration ID: 12313

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		318299	3.62	946989	4.92	561266	6.67
UPPER LIMIT		636598	4.12	1893978	5.42	1122532	7.17
LOWER LIMIT		159150	3.12	473495	4.42	280633	6.17
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-86534/2-A		340419	3.62	1061823	4.92	727837	6.67
MB 460-86534/1-A		197192	3.61	686457	4.91	452285	6.66
460-30837-15	PMP-12-VD-S (2.5-3.0)	240652	3.61	796066	4.91	525443	6.66
460-30837-16	PMP-12-WT-S (7.0-7.5)	230880	3.62	811582	4.91	567100	6.66
460-30837-26	PMP-8-WT-S (7.0-7.5)	239163	3.61	852047	4.91	564666	6.66
460-30837-28	PMP-4-VD-S (2.5-3.0)	250089	3.61	830362	4.91	599787	6.66
460-30837-29	PMP-4-WT-S (7.0-7.5)	250961	3.61	856390	4.91	630251	6.66
460-30837-28 MSD	PMP-4-VD-S (2.5-3.0) MSD	209733	3.62	728349	4.92	486244	6.67
460-30837-28 MS	PMP-4-VD-S (2.5-3.0) MS	207292	3.62	689522	4.92	445655	6.66
460-30837-22	PMP-14-VD-S (2.5-3.0)	249447	3.61	852197	4.91	554682	6.66
460-30837-23	PMP-14-WT-S (7.0-7.5)	243830	3.61	874219	4.91	542779	6.66
460-30837-14	PMP-12-VS-S (0.5-1.0)	252524	3.61	857921	4.91	552800	6.66
460-30837-21	PMP-14-VS-S (0.5-1.0)	263583	3.61	905607	4.91	550611	6.66
460-30837-24	PMP-8-VS-S (0.5-1.0)	264922	3.61	876076	4.90	423858	6.66

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.: 460-30837-1

SDG No.:

Sample No.: CCVIS 460-86807/2 Date Analyzed: 09/20/2011 23:48

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): u70281.d Heated Purge: (Y/N) N

Calibration ID: 12313

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		614989	8.11	357035	10.73	244461	12.45
UPPER LIMIT		1229978	8.61	714070	11.23	488922	12.95
LOWER LIMIT		307495	7.61	178518	10.23	122231	11.95
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-86534/2-A		882460	8.12	625064	10.73	295610	12.44
MB 460-86534/1-A		667236	8.11	586664	10.73	327349	12.45
460-30837-15	PMP-12-VD-S (2.5-3.0)	805857	8.11	620961	10.73	369171	12.44
460-30837-16	PMP-12-WT-S (7.0-7.5)	827296	8.11	653939	10.72	360854	12.44
460-30837-26	PMP-8-WT-S (7.0-7.5)	874970	8.11	639545	10.73	369526	12.44
460-30837-28	PMP-4-VD-S (2.5-3.0)	910243	8.11	683968	10.73	402257	12.44
460-30837-29	PMP-4-WT-S (7.0-7.5)	863985	8.11	659015	10.73	359341	12.44
460-30837-28 MSD	PMP-4-VD-S (2.5-3.0) MSD	605653	8.12	306188	10.73	144604	12.44
460-30837-28 MS	PMP-4-VD-S (2.5-3.0) MS	570507	8.12	314679	10.73	160645	12.44
460-30837-22	PMP-14-VD-S (2.5-3.0)	804041	8.11	427682	10.72	221024	12.44
460-30837-23	PMP-14-WT-S (7.0-7.5)	781636	8.11	368328	10.72	188151	12.44
460-30837-14	PMP-12-VS-S (0.5-1.0)	725977	8.11	284258	10.72	160045	12.43
460-30837-21	PMP-14-VS-S (0.5-1.0)	527929	8.11	254351	10.72	151594	12.44
460-30837-24	PMP-8-VS-S (0.5-1.0)	319421	8.11	184025	10.72	156590	12.44

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.: 460-30837-1

SDG No.:

Sample No.: CCVIS 460-86811/2 Date Analyzed: 09/21/2011 04:03

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): x17923.d Heated Purge: (Y/N) N

Calibration ID: 12175

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		696050	3.89	2545627	5.17	1290325	6.92
UPPER LIMIT		1392100	4.39	5091254	5.67	2580650	7.42
LOWER LIMIT		348025	3.39	1272814	4.67	645163	6.42
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-30837-25	PMP-8-VD-S (2.5-3.0)	864013	3.88	3385671	5.16	1819693	6.92
460-30837-27	PMP-4-VS-S (0.5-1.0)	706447	3.88	2537030	5.16	1203211	6.92

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.: 460-30837-1

SDG No.:

Sample No.: CCVIS 460-86811/2 Date Analyzed: 09/21/2011 04:03

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): x17923.d Heated Purge: (Y/N) N

Calibration ID: 12175

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1797651	8.37	1047324	11.03	776703	12.81
UPPER LIMIT		3595302	8.87	2094648	11.53	1553406	13.31
LOWER LIMIT		898826	7.87	523662	10.53	388352	12.31
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-30837-25	PMP-8-VD-S (2.5-3.0)	2625493	8.36	1715460	11.02	1012439	12.80
460-30837-27	PMP-4-VS-S (0.5-1.0)	1396098	8.36	768617	11.01	646717	12.80

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.: 460-30837-1

SDG No.:

Client Sample ID: PMP-2-VD-S (3.5-4.0) | Lab Sample ID: 460-30837-1

Matrix: Solid | Lab File ID: p19377.d

Analysis Method: 8270C | Date Collected: 09/08/2011 16:15

Extract. Method: 3541 | Date Extracted: 09/16/2011 07:35

Sample wt/vol: 15.00(g) | Date Analyzed: 09/18/2011 04:25

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.: 86671 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	350	U	350	43
95-57-8	2-Chlorophenol	350	U	350	47
95-48-7	2-Methylphenol	350	U	350	51
106-44-5	4-Methylphenol	350	U	350	58
100-52-7	Benzaldehyde	350	U	350	22
98-86-2	Acetophenone	350	U	350	52
111-44-4	Bis(2-chloroethyl)ether	35	U	35	7.3
108-60-1	2,2'-oxybis[1-chloropropane]	350	U	350	46
621-64-7	N-Nitrosodi-n-propylamine	35	U	35	4.7
98-95-3	Nitrobenzene	35	U	35	7.9
67-72-1	Hexachloroethane	35	U	35	5.9
78-59-1	Isophorone	350	U	350	40
88-75-5	2-Nitrophenol	350	U	350	58
105-67-9	2,4-Dimethylphenol	350	U	350	56
120-83-2	2,4-Dichlorophenol	350	U	350	56
111-91-1	Bis(2-chloroethoxy)methane	350	U	350	50
91-20-3	Naphthalene	350	U	350	52
106-47-8	4-Chloroaniline	350	U	350	44
87-68-3	Hexachlorobutadiene	71	U	71	14
105-60-2	Caprolactam	350	U	350	48
59-50-7	4-Chloro-3-methylphenol	350	U	350	59
91-57-6	2-Methylnaphthalene	350	U	350	51
118-74-1	Hexachlorobenzene	35	U	35	4.9
77-47-4	Hexachlorocyclopentadiene	350	U	350	100
88-06-2	2,4,6-Trichlorophenol	350	U	350	63
95-95-4	2,4,5-Trichlorophenol	350	U	350	68
92-52-4	Diphenyl	350	U	350	58
91-58-7	2-Chloronaphthalene	350	U	350	50
88-74-4	2-Nitroaniline	710	U	710	96
606-20-2	2,6-Dinitrotoluene	71	U	71	9.0
131-11-3	Dimethyl phthalate	350	U	350	48
208-96-8	Acenaphthylene	350	U	350	50
99-09-2	3-Nitroaniline	710	U	710	80
83-32-9	Acenaphthene	350	U	350	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-2-VD-S (3.5-4.0) | Lab Sample ID: 460-30837-1

Matrix: Solid | Lab File ID: p19377.d

Analysis Method: 8270C | Date Collected: 09/08/2011 16:15

Extract. Method: 3541 | Date Extracted: 09/16/2011 07:35

Sample wt/vol: 15.00(g) | Date Analyzed: 09/18/2011 04:25

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.: 86671 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1100	U	1100	91
51-28-5	2,4-Dinitrophenol	1100	U	1100	75
132-64-9	Dibenzofuran	350	U	350	53
84-66-2	Diethyl phthalate	350	U	350	47
86-73-7	Fluorene	350	U	350	60
206-44-0	Fluoranthene	350	U	350	59
84-74-2	Di-n-butyl phthalate	350	U	350	54
121-14-2	2,4-Dinitrotoluene	71	U	71	10
7005-72-3	4-Chlorophenyl phenyl ether	350	U	350	61
100-01-6	4-Nitroaniline	710	U	710	73
534-52-1	4,6-Dinitro-2-methylphenol	1100	U	1100	170
101-55-3	4-Bromophenyl phenyl ether	350	U	350	63
1912-24-9	Atrazine	350	U	350	66
120-12-7	Anthracene	350	U	350	62
86-74-8	Carbazole	350	U	350	56
85-01-8	Phenanthrene	350	U	350	61
87-86-5	Pentachlorophenol	1100	U	1100	170
129-00-0	Pyrene	350	U	350	61
218-01-9	Chrysene	350	U	350	51
207-08-9	Benzo[k]fluoranthene	35	U	35	4.9
191-24-2	Benzo[g,h,i]perylene	350	U	350	37
205-99-2	Benzo[b]fluoranthene	35	U	35	5.2
50-32-8	Benzo[a]pyrene	35	U	35	4.3
56-55-3	Benzo[a]anthracene	35	U	35	6.5
86-30-6	N-Nitrosodiphenylamine	350	U	350	57
85-68-7	Butyl benzyl phthalate	350	U	350	41
117-81-7	Bis(2-ethylhexyl) phthalate	350	U	350	47
117-84-0	Di-n-octyl phthalate	350	U	350	42
193-39-5	Indeno[1,2,3-cd]pyrene	35	U	35	5.6
53-70-3	Dibenz(a,h)anthracene	35	U	35	4.2
91-94-1	3,3'-Dichlorobenzidine	710	U	710	78
95-94-3	1,2,4,5-Tetrachlorobenzene	350	U	350	47
58-90-2	2,3,4,6-Tetrachlorophenol	350	U	350	71

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-2-VD-S (3.5-4.0) Lab Sample ID: 460-30837-1

Matrix: Solid Lab File ID: p19377.d

Analysis Method: 8270C Date Collected: 09/08/2011 16:15

Extract. Method: 3541 Date Extracted: 09/16/2011 07:35

Sample wt/vol: 15.00(g) Date Analyzed: 09/18/2011 04:25

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.: 86671 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	91		38-105
4165-62-2	Phenol-d5	77		41-118
1718-51-0	Terphenyl-d14	81		16-151
118-79-6	2,4,6-Tribromophenol	72		10-120
367-12-4	2-Fluorophenol	80		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.: 460-30837-1

SDG No.:

Client Sample ID: PMP-2-VD-S (3.5-4.0) | Lab Sample ID: 460-30837-1

Matrix: Solid | Lab File ID: p19377.d

Analysis Method: 8270C | Date Collected: 09/08/2011 16:15

Extract. Method: 3541 | Date Extracted: 09/16/2011 07:35

Sample wt/vol: 15.00(g) | Date Analyzed: 09/18/2011 04:25

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.: 86671 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 58300

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-1	6.31	2000	J
	Unknown Alkane-3	6.93	5600	J
	Unknown-1	7.02	1500	J
	Unknown Alkane-4	7.07	1300	J
	Unknown-2	7.13	1300	J
	Unknown-3	7.33	2300	J
	Unknown Alkane-5	7.39	4000	J
	Unknown Alkane-6	7.49	1500	J
	Unknown-4	7.54	2600	J
	Unknown Alkane-7	7.60	2800	J
	Unknown Alkane-8	7.92	1500	J
	Unknown-5	8.03	1600	J
	Unknown Alkane-9	8.09	2000	J
	Unknown Alkane-10	8.31	5700	J
	Unknown Alkane-11	8.58	7400	J
	Unknown Alkane-12	8.75	2100	J
	Unknown Alkane-13	8.79	1800	J
593-45-3	n-Octadecane	9.01	1700	
	Unknown Alkane-14	9.03	7600	J
	Unknown Alkane-15	9.60	2000	J

Data File: /chem/BNAMS10.i/8270/09-17-11/18sep11.b/p19377.d
Report Date: 20-Sep-2011 13:39

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/09-17-11/18sep11.b/p19377.d
Lab Smp Id: 460-30837-F-1-E Client Smp ID: PMP-2-VD-S (3.5-4.0
Inj Date : 18-SEP-2011 04:25
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-30837-F-1-E
Misc Info : 460-30837-F-1-E
Comment   :
Method   : /chem/BNAMS10.i/8270/09-17-11/18sep11.b/8270C_08SP.m
Meth Date : 18-Sep-2011 06:59 asfawa Quant Type: ISTD
Cal Date : 17-SEP-2011 05:31 Cal File: p19351.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	15.00000	Weight of sample extracted (g)
M	6.14203	% 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	3.030	(0.690)	1282252	80.2662	5700
$	17 Phenol-d5 (SUR)	99	4.070	4.070	(0.914)	1524719	76.7233	5400
	113 n-decane	43	4.299	4.305	(0.966)	4312	0.31578	22(a)
	21 1,3-Dichlorobenzene	146	4.387	4.393	(0.985)	3942	0.19293	14(a)
*	79 1,4-Dichlorobenzene-d4	152	4.452	4.452	(1.000)	518351	40.0000	
	22 1,4-Dichlorobenzene	146	4.470	4.470	(1.004)	15822	0.76169	54(a)
	23 1,2-Dichlorobenzene	146	4.634	4.640	(1.041)	3497	0.18482	13(a)
$	76 Nitrobenzene-d5 (SUR)	82	5.051	5.057	(0.869)	784615	45.6214	3200
	6 2,4-Dimethylphenol	122	5.457	5.486	(0.938)	6435	0.53523	38(a)
	30 1,2,4-Trichlorobenzene	180	5.762	5.762	(0.991)	55813	3.98863	280
*	80 Naphthalene-d8	136	5.815	5.815	(1.000)	1465885	40.0000	
$	77 2-Fluorobiphenyl (SUR)	172	6.943	6.943	(0.912)	1077271	45.5614	3200
*	82 Acenaphthene-d10	164	7.613	7.607	(1.000)	686352	40.0000	

Data File: /chem/BNAMS10.i/8270/09-17-11/18sep11.b/p19377.d
Report Date: 20-Sep-2011 13:39

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 18 2,4,6-Tribromophenol (SUR)	330	8.394	8.395	(1.103)	223468	72.0083	5100
115 n-Octadecane	57	9.006	8.994	(0.992)	207991	24.5661	1700
* 83 Phenanthrene-d10	188	9.082	9.076	(1.000)	828351	40.0000	
$ 78 Terphenyl-d14	244	10.651	10.645	(0.904)	565846	40.6223	2900
* 81 Chrysene-d12	240	11.779	11.785	(1.000)	517833	40.0000	
* 84 Perylene-d12	264	13.641	13.641	(1.000)	493761	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS10.i/8270/09-17-11/18sep11.b/p19377.d
Report Date: 20-Sep-2011 13:39

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/09-17-11/18sep11.b/p19377.d
Lab Smp Id: 460-30837-F-1-E Client Smp ID: PMP-2-VD-S (3.5-4.0
Inj Date : 18-SEP-2011 04:25
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-30837-F-1-E
Misc Info : 460-30837-F-1-E
Comment   :
Method   : /chem/BNAMS10.i/8270/09-17-11/18sep11.b/8270C_08SP.m
Meth Date : 18-Sep-2011 06:59 asfawa Quant Type: ISTD
Cal Date : 17-SEP-2011 05:31 Cal File: p19351.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	15.00000	Weight of sample extracted (g)
M	6.14203	% Moisture

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 80 Naphthalene-d8	5.815	4373676	40.000
* 82 Acenaphthene-d10	7.613	3616889	40.000
* 83 Phenanthrene-d10	9.082	2675035	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane-1				CAS #:			
6.315	3013638	27.5616014	2000	0	0		80

Data File: /chem/BNAMS10.i/8270/09-17-11/18sep11.b/p19377.d
Report Date: 20-Sep-2011 13:39

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane-2					CAS #:		
6.485	1662958	15.2087882	1100	0		0	80
Unknown Alkane-3					CAS #:		
6.931	7075162	78.2458041	5600	0		0	82
Unknown-1					CAS #:		
7.020	1938280	21.4358797	1500	0		0	82
Unknown Alkane-4					CAS #:		
7.067	1683701	18.6204315	1300	0		0	82
Unknown-2					CAS #:		
7.131	1671171	18.4818574	1300	0		0	82
Unknown-3					CAS #:		
7.331	2906725	32.1461242	2300	0		0	82
Unknown Alkane-5					CAS #:		
7.390	5144087	56.8896114	4000	0		0	82
Unknown Alkane-6					CAS #:		
7.490	1901499	21.0291025	1500	0		0	82
Unknown-4					CAS #:		
7.537	3344532	36.9879291	2600	0		0	82
Unknown Alkane-7					CAS #:		
7.601	3599750	39.8104483	2800	0		0	82(L)
Unknown Alkane-8					CAS #:		
7.919	1928568	21.3284702	1500	0		0	82
Unknown-5					CAS #:		
8.030	2032796	22.4811512	1600	0		0	82
Unknown Alkane-9					CAS #:		
8.095	2530229	27.9823710	2000	0		0	82
Unknown Alkane-10					CAS #:		
8.312	7216435	79.8081780	5700	0		0	82
Unknown Alkane-11					CAS #:		
8.577	6946027	103.864430	7400	0		0	83

Data File: /chem/BNAMS10.i/8270/09-17-11/18sep11.b/p19377.d
Report Date: 20-Sep-2011 13:39

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane-12				CAS #:			
8.753	1963129	29.3548016	2100	0		0	83
Unknown Alkane-13				CAS #:			
8.788	1649983	24.6723092	1800	0		0	83
Unknown Alkane-14				CAS #:			
9.035	7169389	107.204381	7600	0		0	83
Unknown Alkane-15				CAS #:			
9.599	1902732	28.4516842	2000	0		0	83

QC Flag Legend

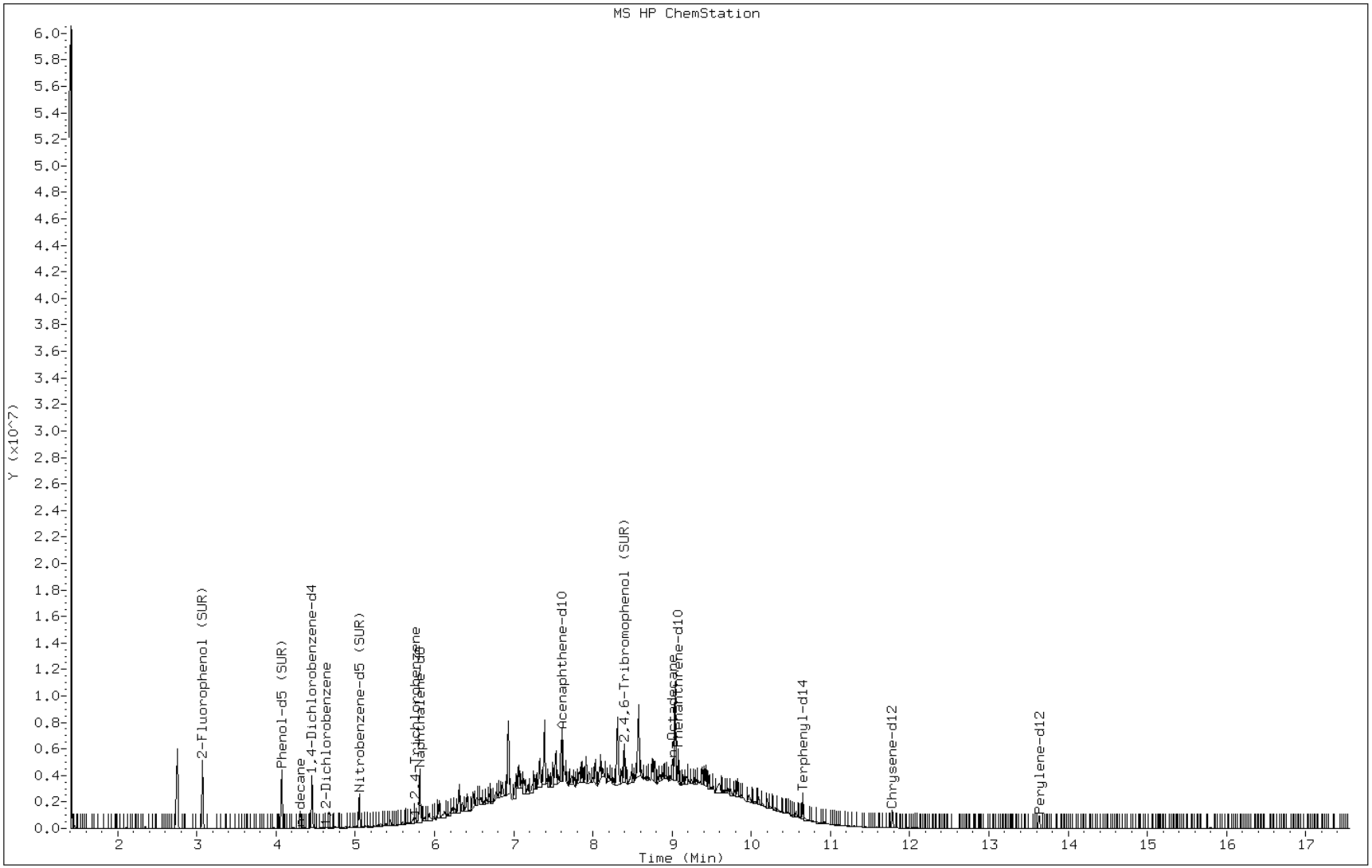
L - Operator selected an alternate library search match.

Data File: p19377.d

Date: 18-SEP-2011 04:25

Client ID: PMP-2-VD-S (3.5-4.0 Instrument: BNAMS10.i

Sample Info: 460-30837-F-1-E Operator: BNAMS 4



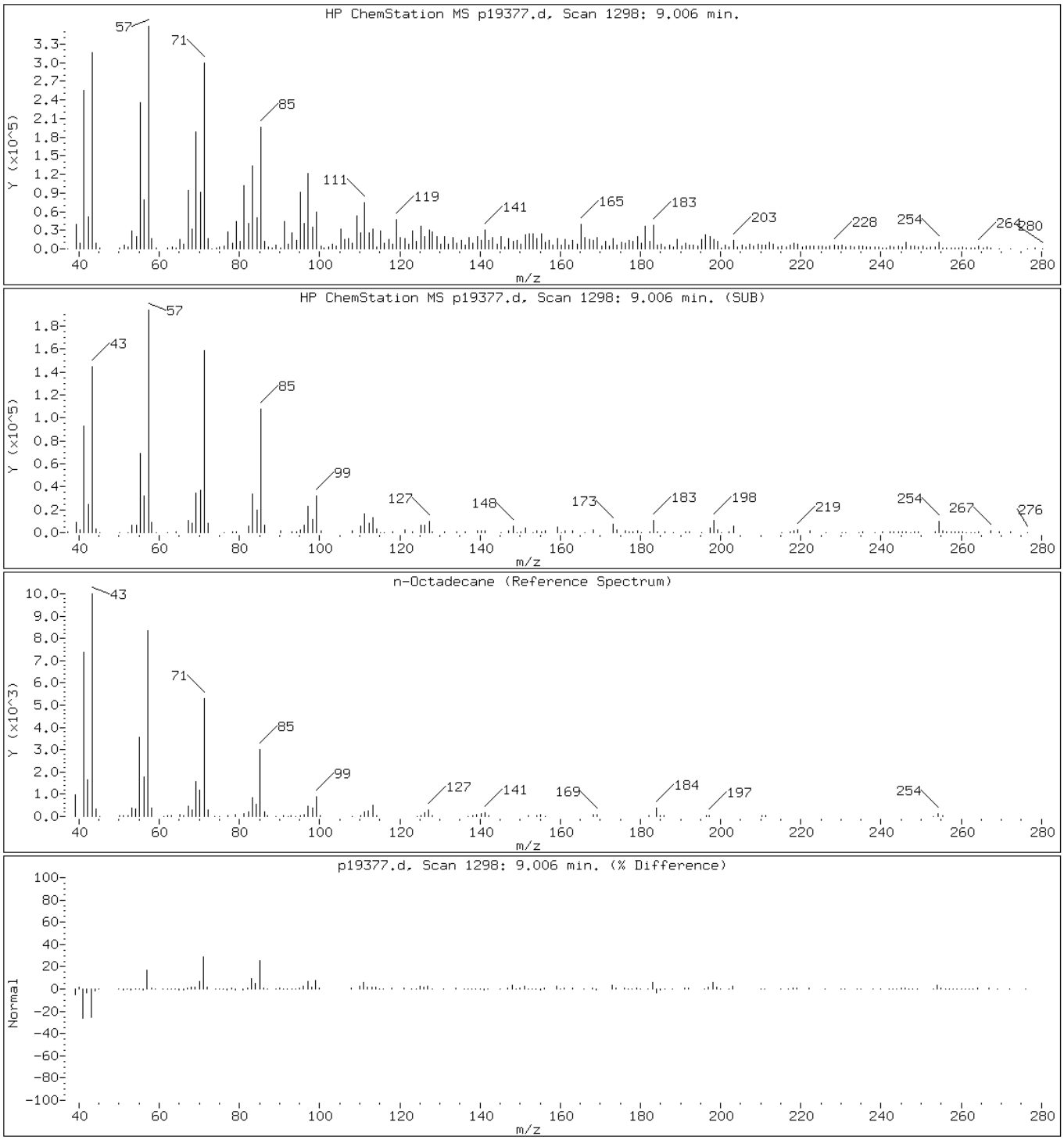
Data File: p19377.d

Date: 18-SEP-2011 04:25

Client ID: PMP-2-VD-S (3.5-4.0 Instrument: BNAMS10.i

Sample Info: 460-30837-F-1-E Operator: BNAMS 4

115 n-Octadecane



Data File: p19377.d

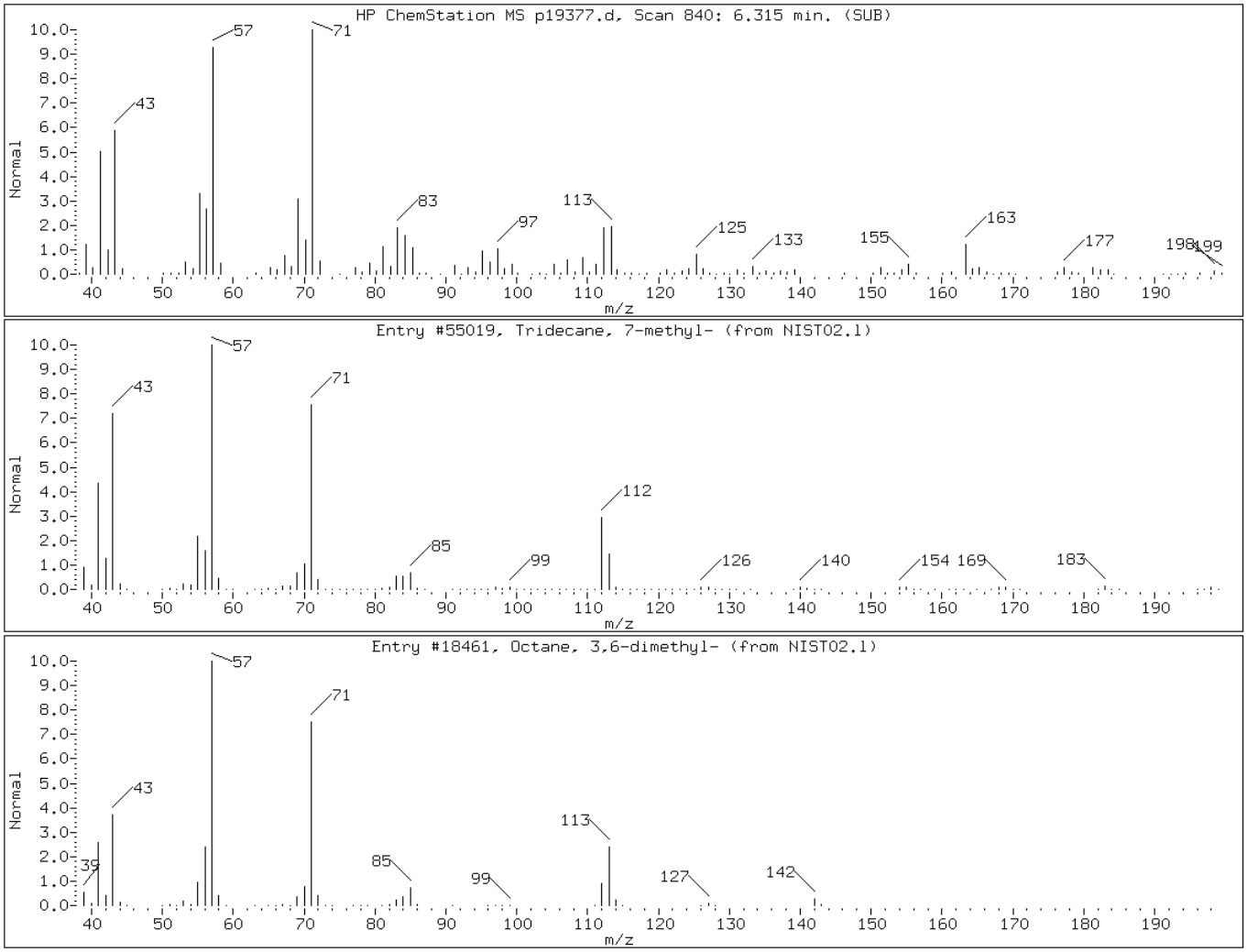
Date: 18-SEP-2011 04:25

Client ID: PMP-2-VD-S (3.5-4.0 Instrument: BNAMS10.i

Sample Info: 460-30837-F-1-E Operator: BNAMS 4

Retention Time: 6.31

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Tridecane, 7-methyl-	26730-14-3	NIST02.l	55019	53	C14H30	198
Octane, 3,6-dimethyl-	15869-94-0	NIST02.l	18461	52	C10H22	142



Data File: p19377.d

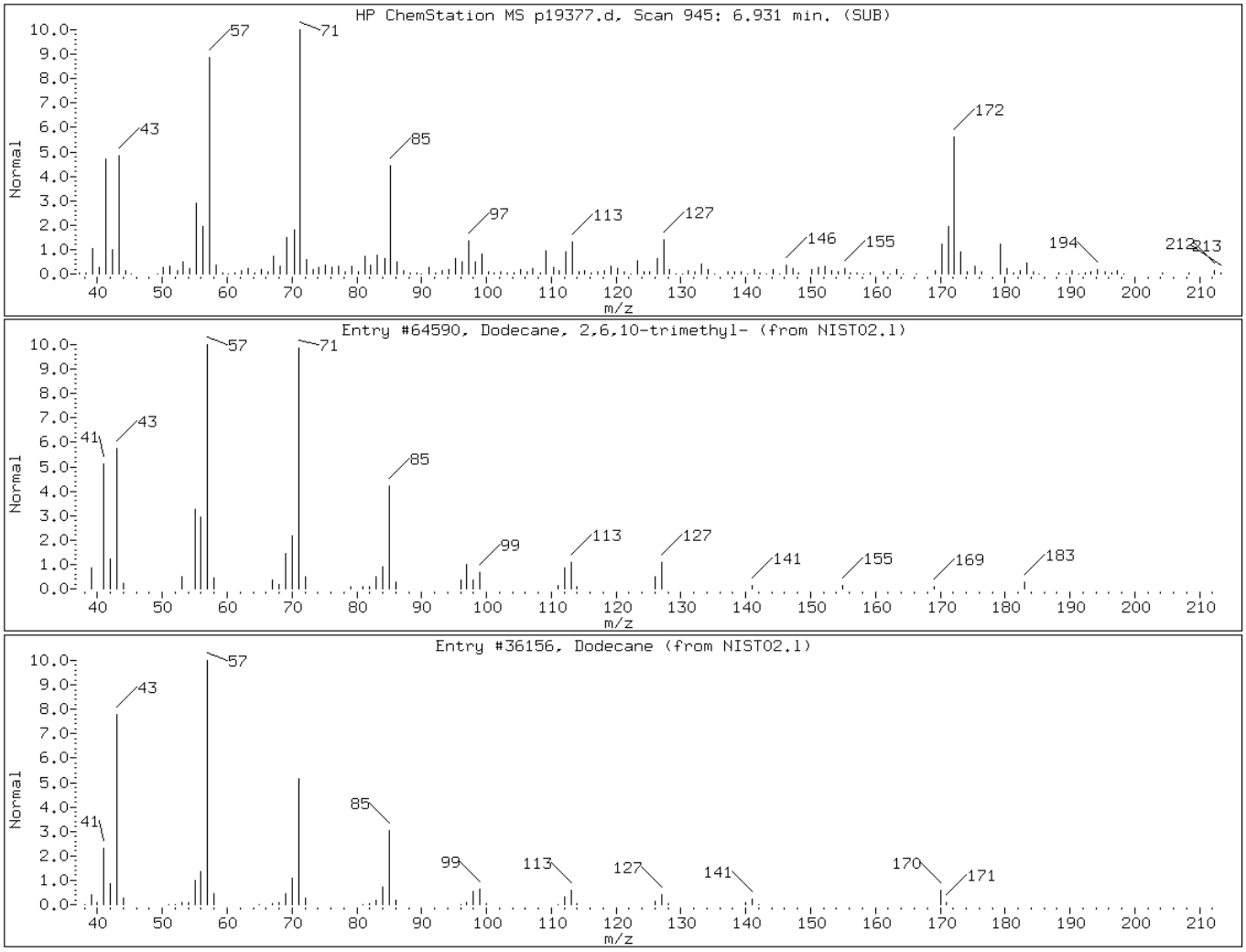
Date: 18-SEP-2011 04:25

Client ID: PMP-2-VD-S (3.5-4.0 Instrument: BNAMS10.i

Sample Info: 460-30837-F-1-E Operator: BNAMS 4

Retention Time: 6.93

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	53	C15H32	212
Dodecane	112-40-3	NIST02.l	36156	52	C12H26	170



Data File: p19377.d

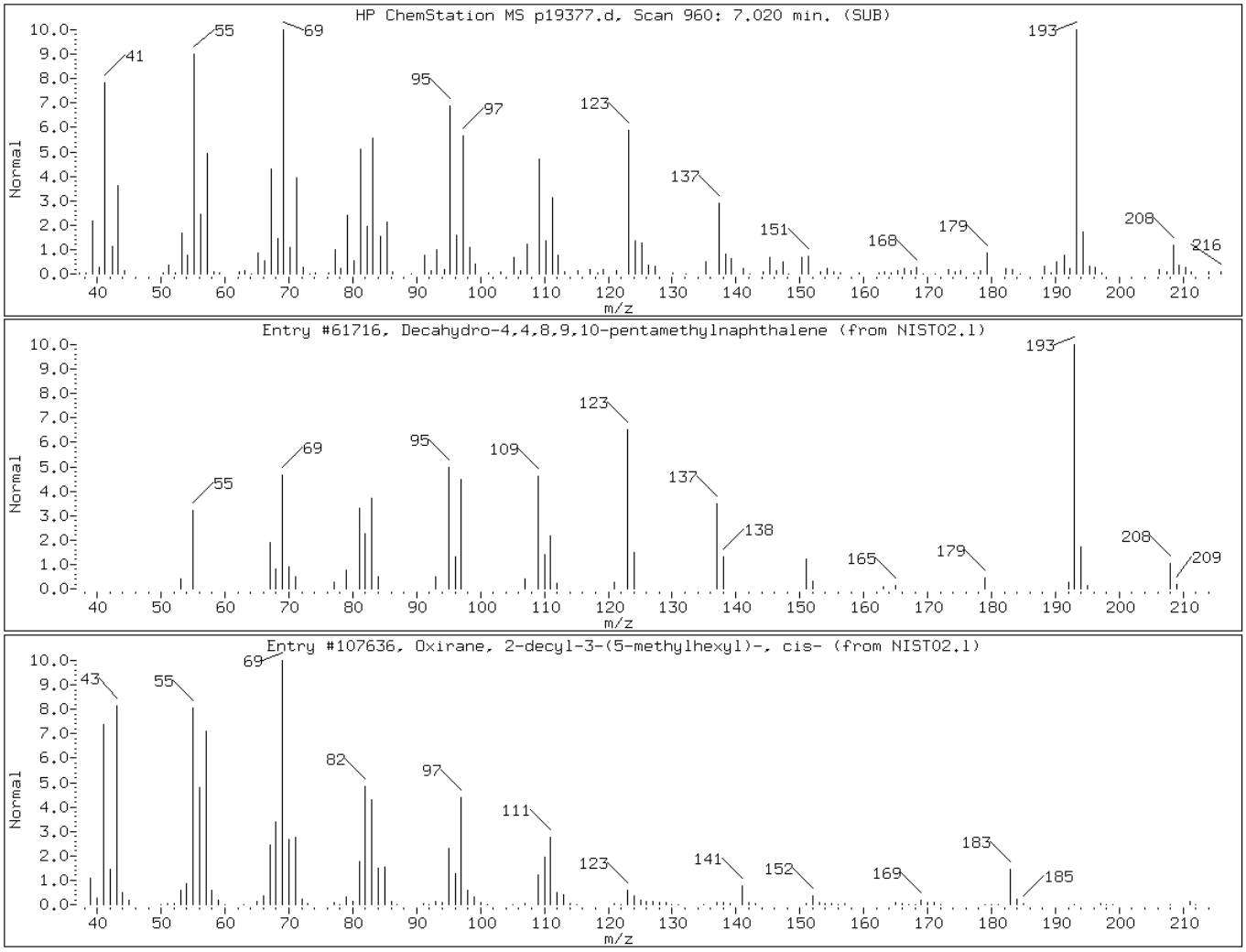
Date: 18-SEP-2011 04:25

Client ID: PMP-2-VD-S (3.5-4.0 Instrument: BNAMS10.i

Sample Info: 460-30837-F-1-E Operator: BNAMS 4

Retention Time: 7.02

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	93	C15H28	208
Oxirane, 2-decyl-3-(5-methylhexyl)	29804-22-6	NIST02.l	107636	35	C19H38O	282



Data File: p19377.d

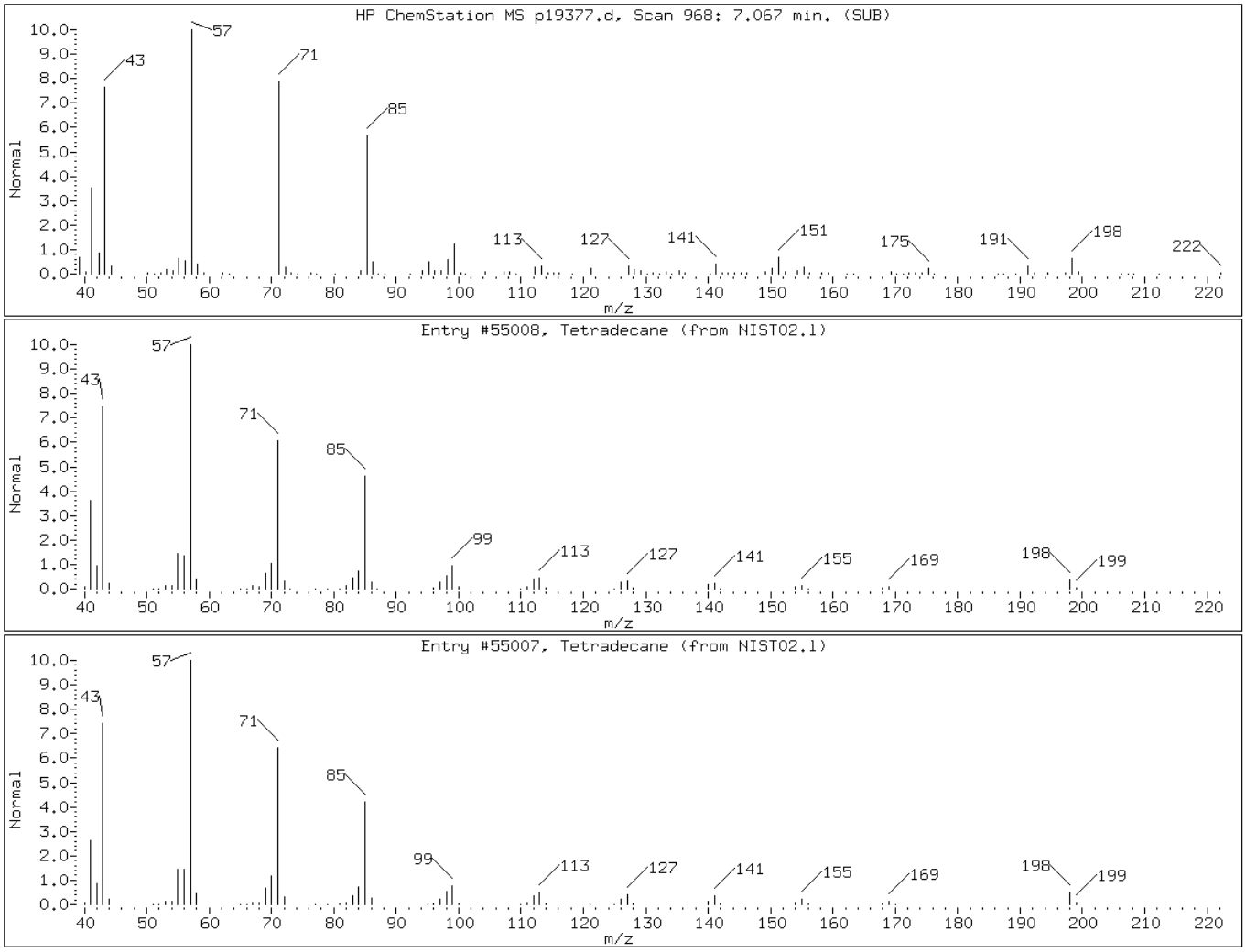
Date: 18-SEP-2011 04:25

Client ID: PMP-2-VD-S (3.5-4.0 Instrument: BNAMS10.i

Sample Info: 460-30837-F-1-E Operator: BNAMS 4

Retention Time: 7.07

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Tetradecane	629-59-4	NIST02.l	55008	90	C14H30	198
Tetradecane	629-59-4	NIST02.l	55007	86	C14H30	198



Data File: p19377.d

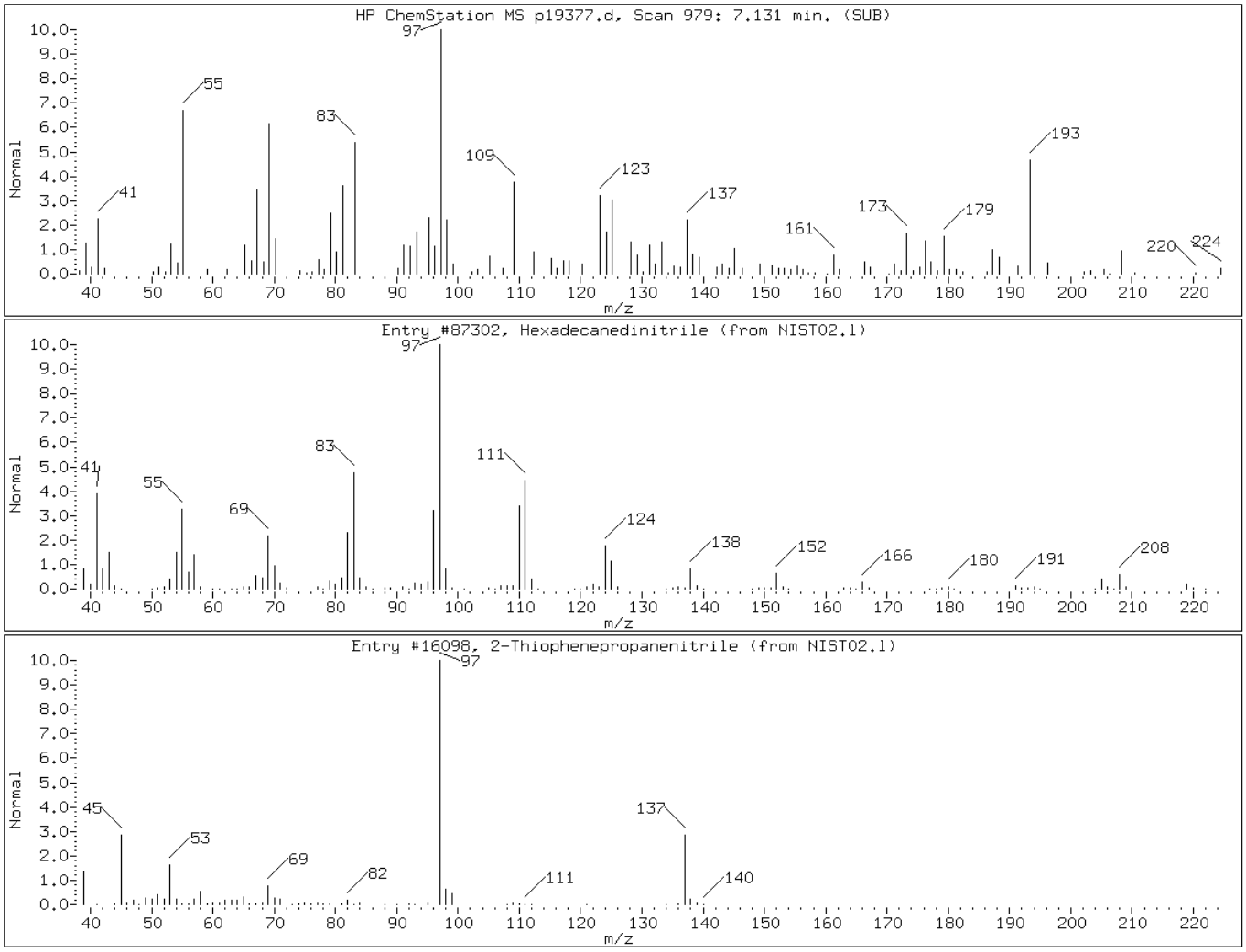
Date: 18-SEP-2011 04:25

Client ID: PMP-2-VD-S (3.5-4.0 Instrument: BNAMS10.i

Sample Info: 460-30837-F-1-E Operator: BNAMS 4

Retention Time: 7.13

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
Hexadecanedinitrile	6812-44-8	NIST02.l	87302	35	C16H28N2	248
2-Thiophenepropanenitrile	5722-13-4	NIST02.l	16098	22	C7H7NS	137



Data File: p19377.d

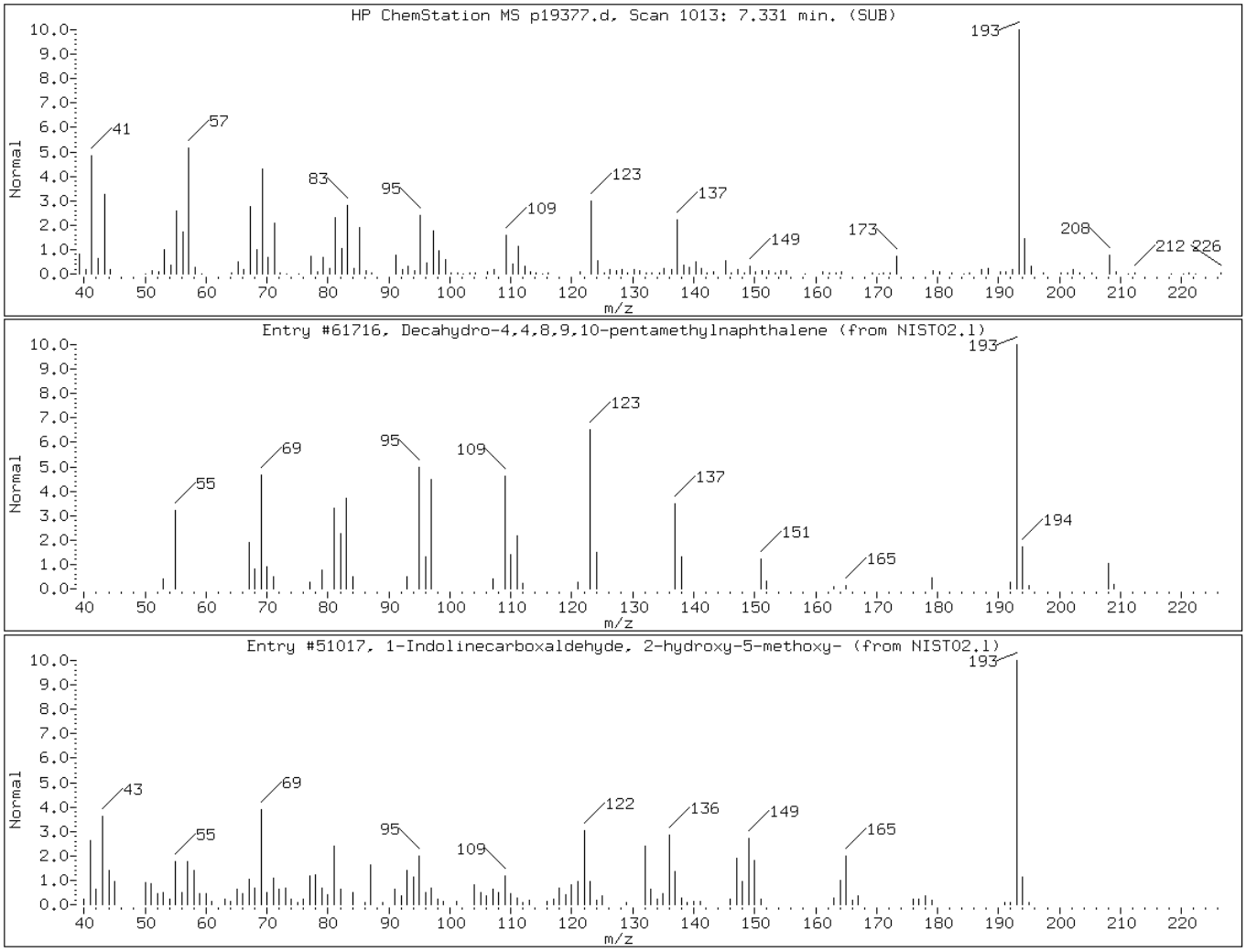
Date: 18-SEP-2011 04:25

Client ID: PMP-2-VD-S (3.5-4.0 Instrument: BNAMS10.i

Sample Info: 460-30837-F-1-E Operator: BNAMS 4

Retention Time: 7.33

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	50	C15H28	208
1-Indolinecarboxaldehyde, 2-hydrox	13303-70-3	NIST02.l	51017	40	C10H11NO3	193



Data File: p19377.d

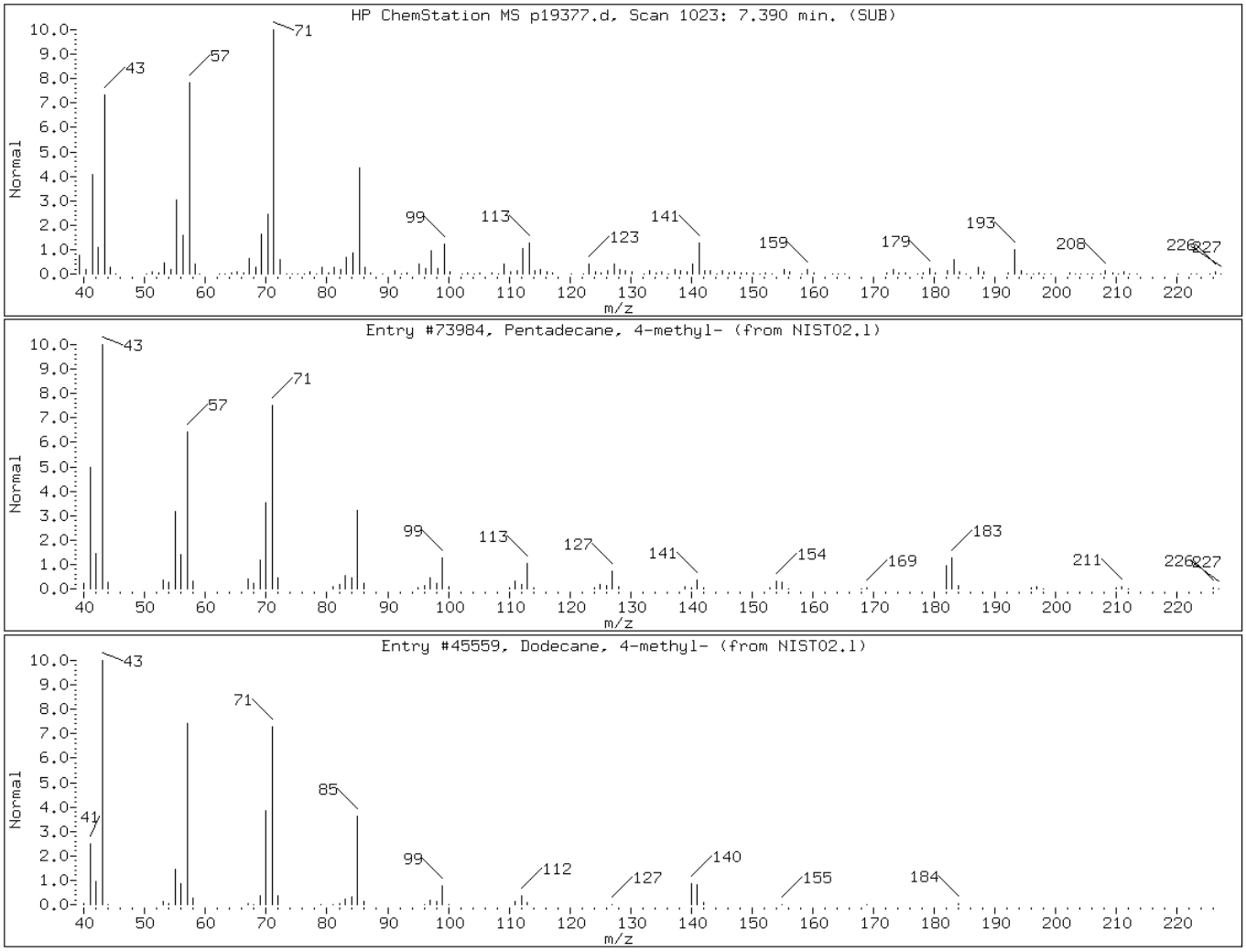
Date: 18-SEP-2011 04:25

Client ID: PMP-2-VD-S (3.5-4.0 Instrument: BNAMS10.i

Sample Info: 460-30837-F-1-E Operator: BNAMS 4

Retention Time: 7.39

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Pentadecane, 4-methyl-	2801-87-8	NIST02.l	73984	81	C16H34	226
Dodecane, 4-methyl-	6117-97-1	NIST02.l	45559	76	C13H28	184



Data File: p19377.d

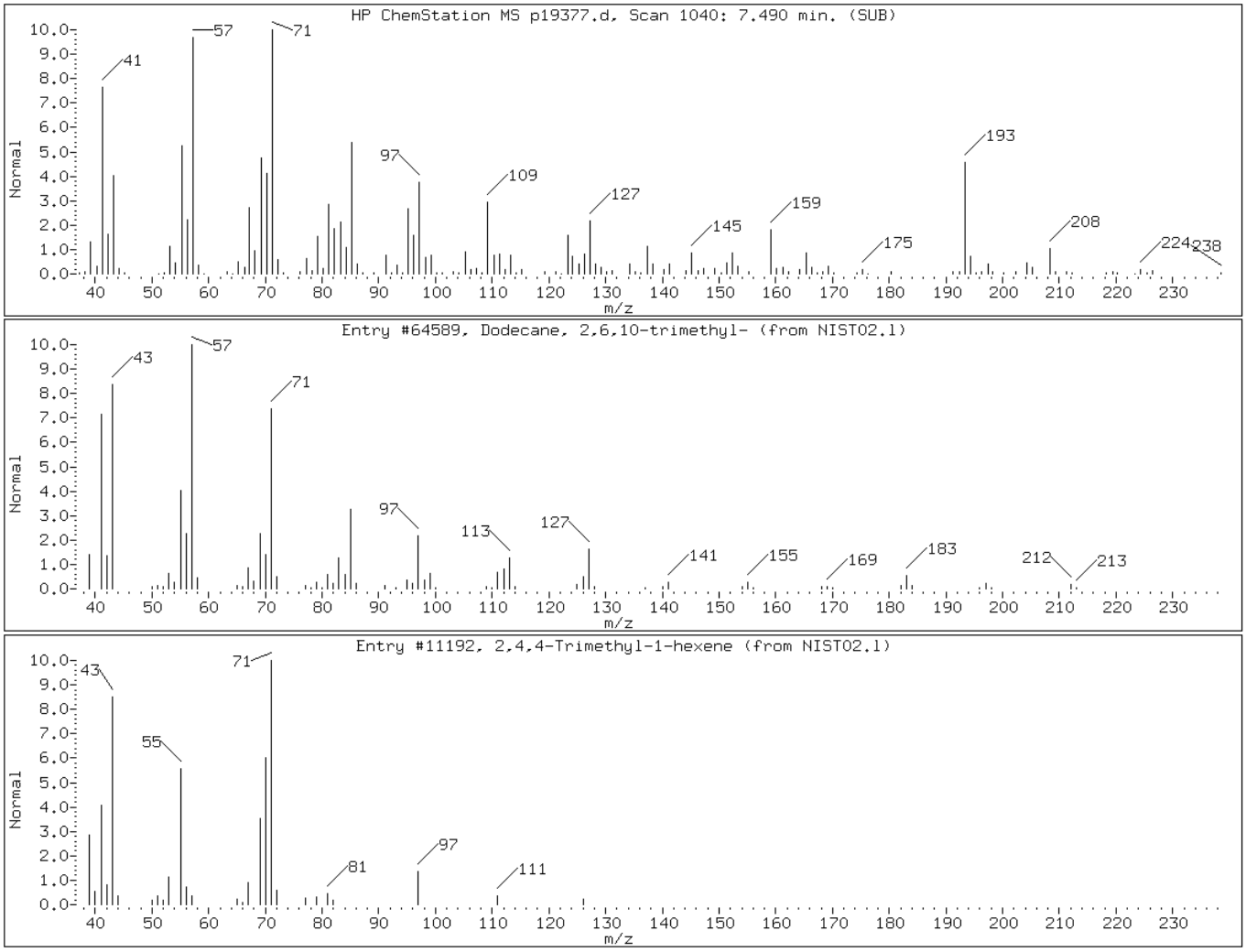
Date: 18-SEP-2011 04:25

Client ID: PMP-2-VD-S (3.5-4.0 Instrument: BNAMS10.i

Sample Info: 460-30837-F-1-E Operator: BNAMS 4

Retention Time: 7.49

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.l	64589	38	C15H32	212
2,4,4-Trimethyl-1-hexene	51174-12-0	NIST02.l	11192	35	C9H18	126



Data File: p19377.d

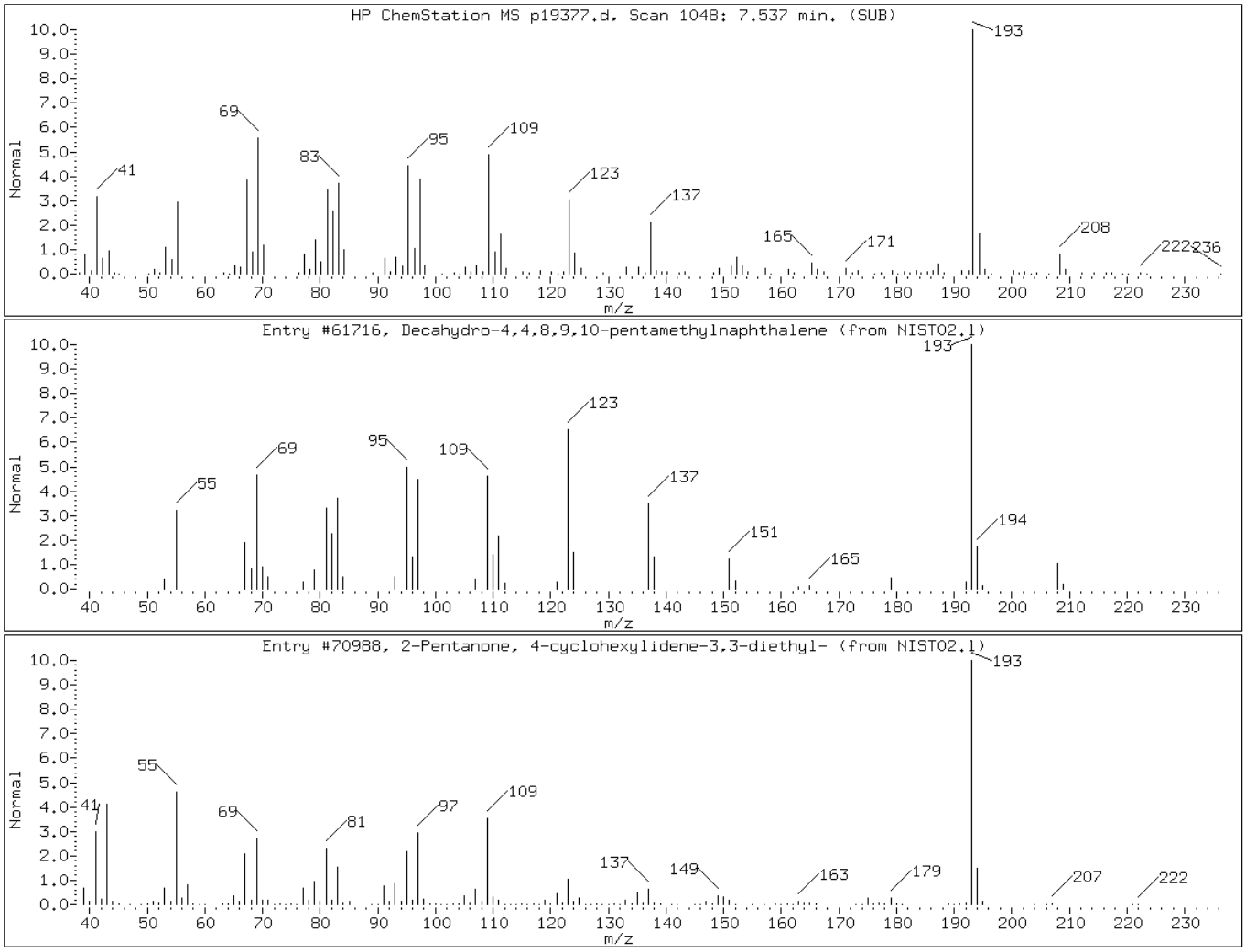
Date: 18-SEP-2011 04:25

Client ID: PMP-2-VD-S (3.5-4.0 Instrument: BNAMS10.i

Sample Info: 460-30837-F-1-E Operator: BNAMS 4

Retention Time: 7.54

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-4						
Decahydro-4,4,8,9,10-pentamethylna	80655-44-3	NIST02.l	61716	62	C15H28	208
2-Pentanone, 4-cyclohexylidene-3,3	313253-65-5	NIST02.l	70988	53	C15H26O	222



Data File: p19377.d

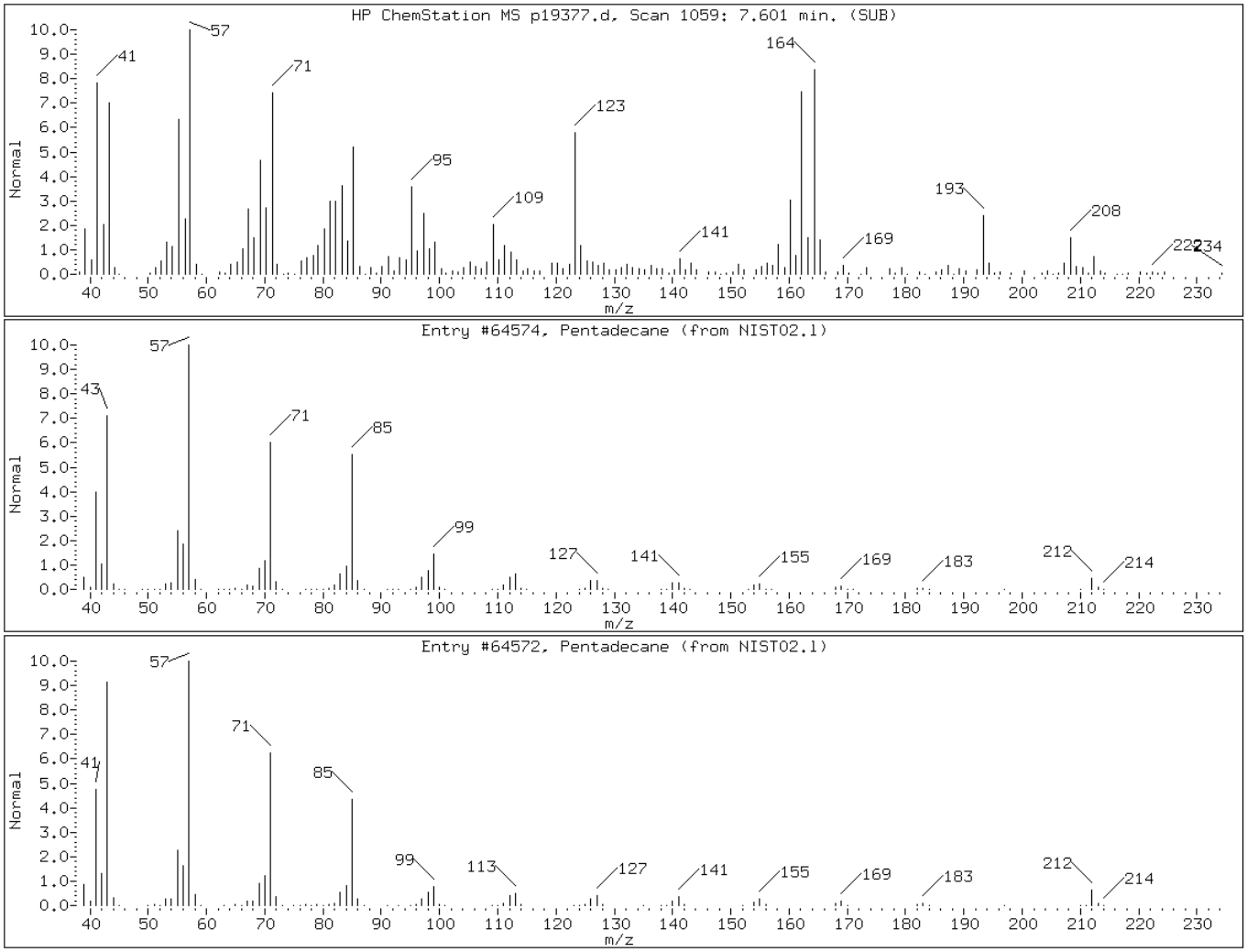
Date: 18-SEP-2011 04:25

Client ID: PMP-2-VD-S (3.5-4.0 Instrument: BNAMS10.i

Sample Info: 460-30837-F-1-E Operator: BNAMS 4

Retention Time: 7.60

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Pentadecane	629-62-9	NIST02.l	64574	68	C15H32	212
Pentadecane	629-62-9	NIST02.l	64572	35	C15H32	212



Data File: p19377.d

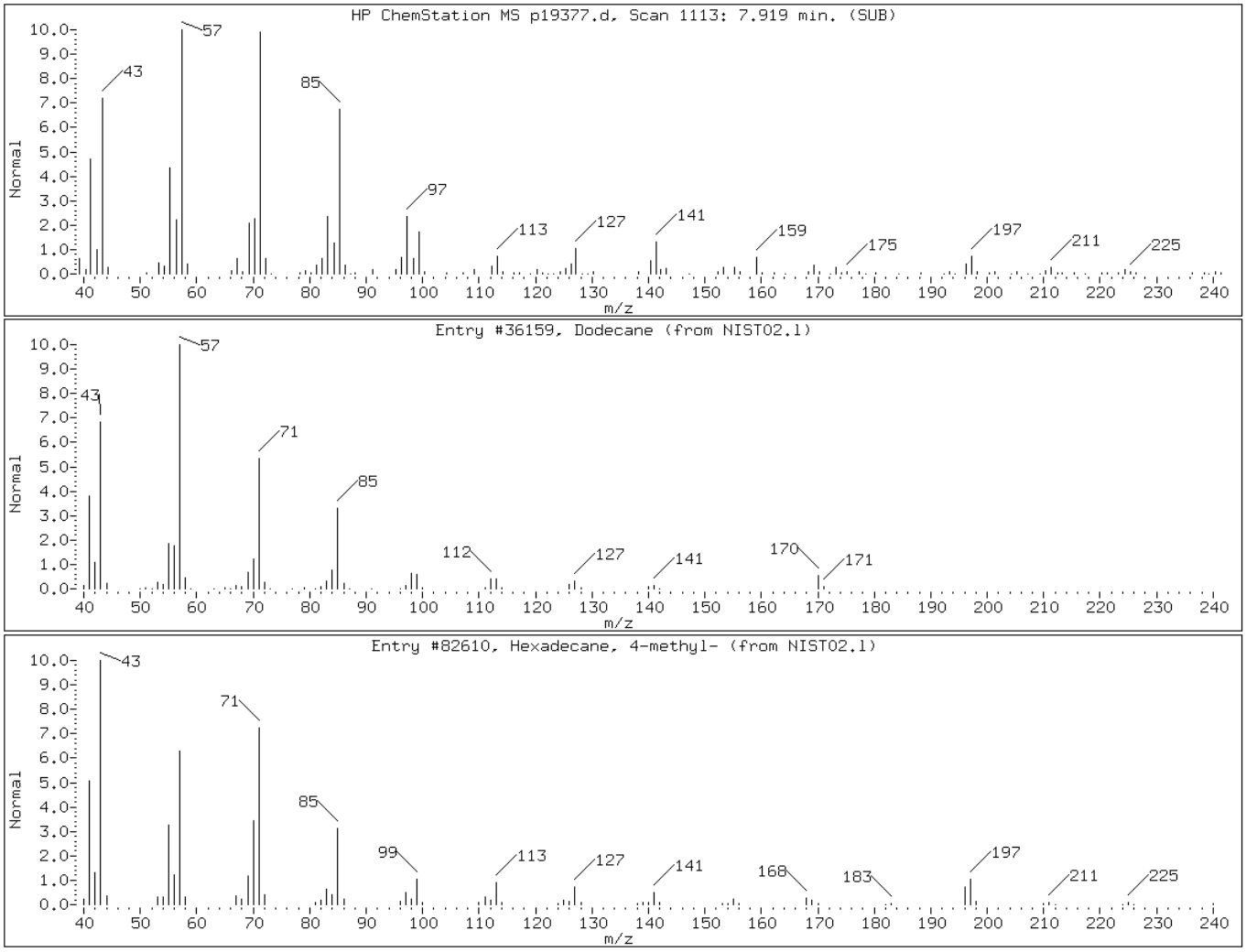
Date: 18-SEP-2011 04:25

Client ID: PMP-2-VD-S (3.5-4.0 Instrument: BNAMS10.i

Sample Info: 460-30837-F-1-E Operator: BNAMS 4

Retention Time: 7.92

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-8						
Dodecane	112-40-3	NIST02.l	36159	68	C12H26	170
Hexadecane, 4-methyl-	25117-26-4	NIST02.l	82610	62	C17H36	240



Data File: p19377.d

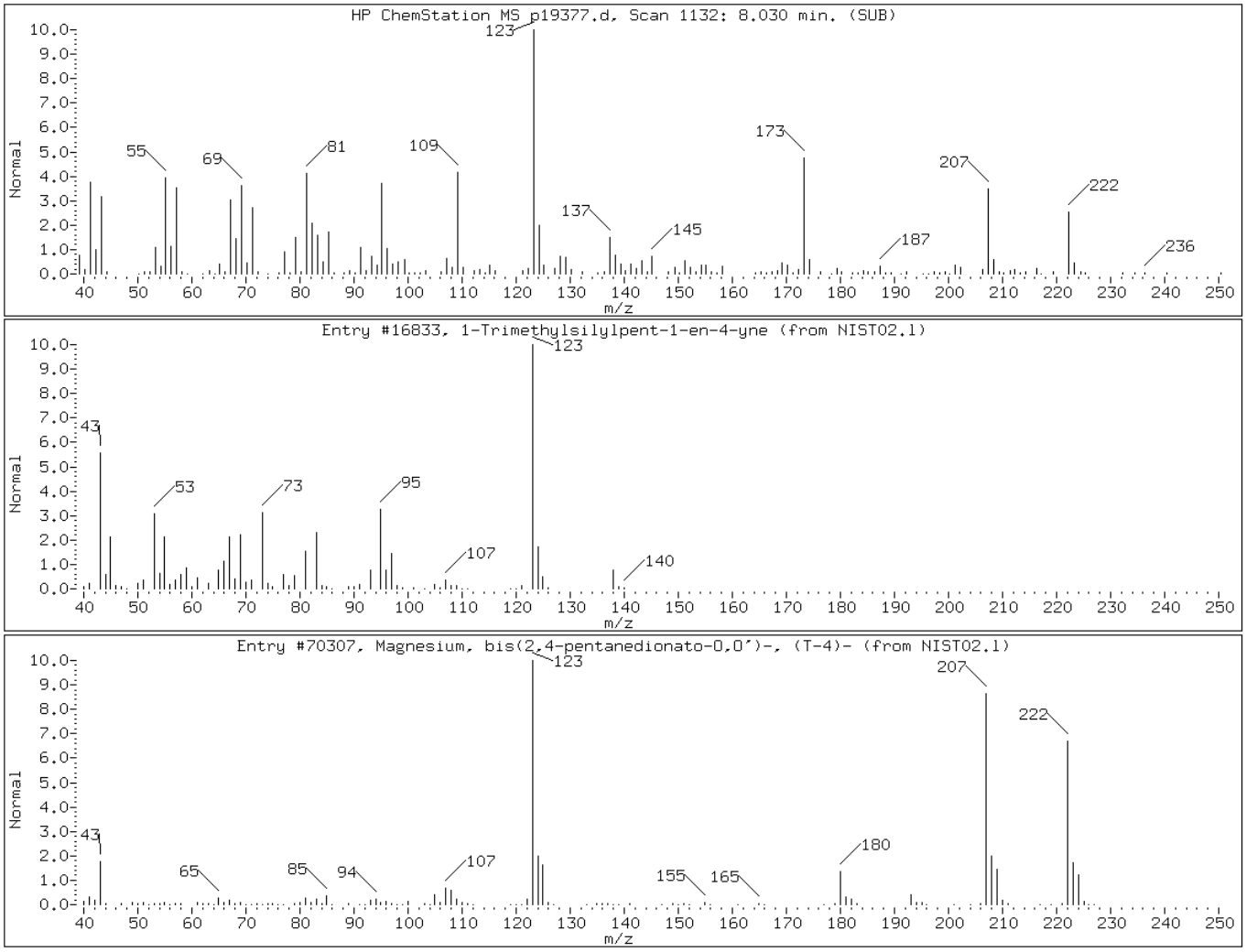
Date: 18-SEP-2011 04:25

Client ID: PMP-2-VD-S (3.5-4.0 Instrument: BNAMS10.i

Sample Info: 460-30837-F-1-E Operator: BNAMS 4

Retention Time: 8.03

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-5						
1-Trimethylsilylpent-1-en-4-yne	79516-25-9	NIST02.l	16833	38	C8H14Si	138
Magnesium, bis(2,4-pentanedionato-	14024-56-7	NIST02.l	70307	38	C10H14MgO4	222



Data File: p19377.d

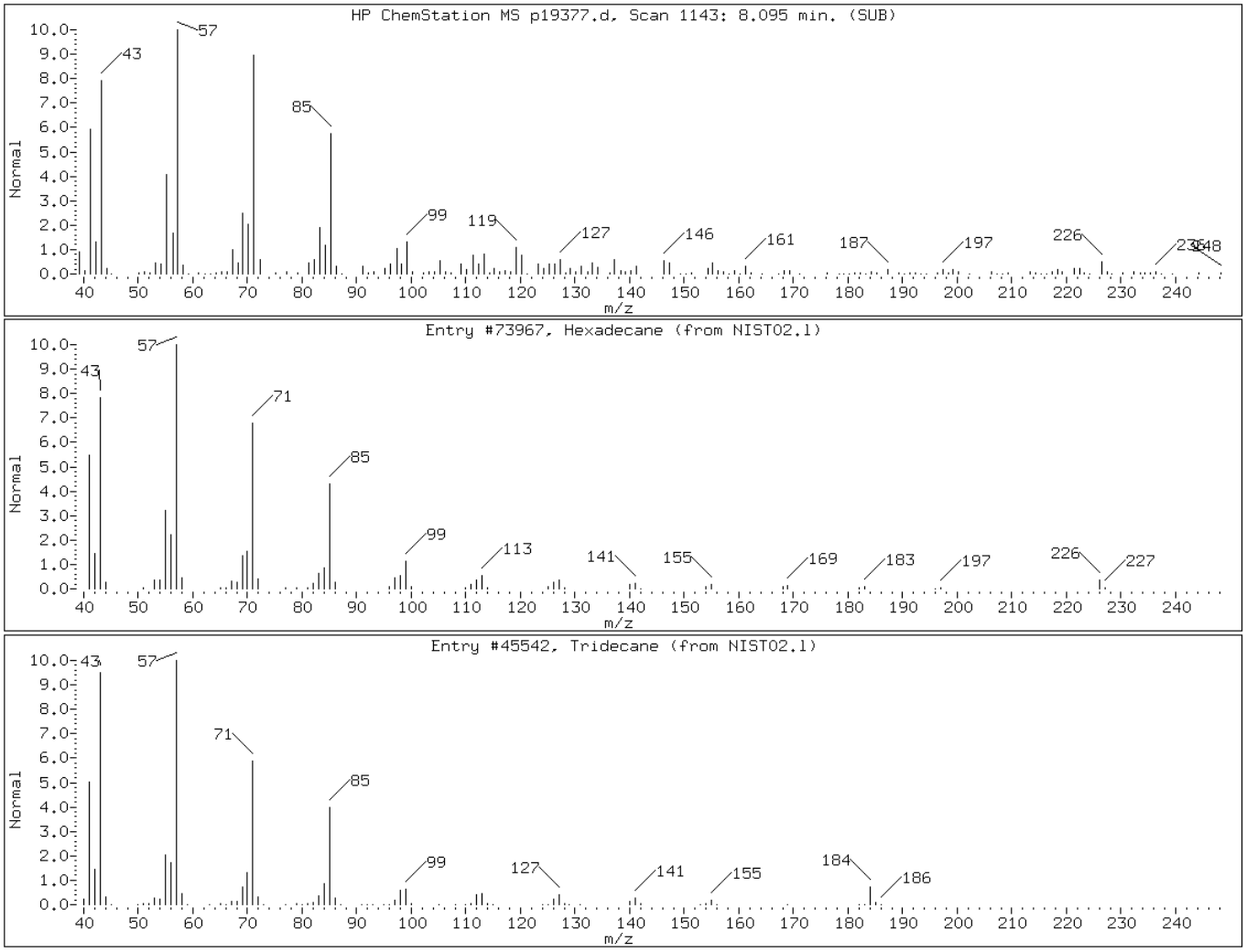
Date: 18-SEP-2011 04:25

Client ID: PMP-2-VD-S (3.5-4.0 Instrument: BNAMS10.i

Sample Info: 460-30837-F-1-E Operator: BNAMS 4

Retention Time: 8.09

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-9						
Hexadecane	544-76-3	NIST02.l	73967	91	C16H34	226
Tridecane	629-50-5	NIST02.l	45542	90	C13H28	184



Data File: p19377.d

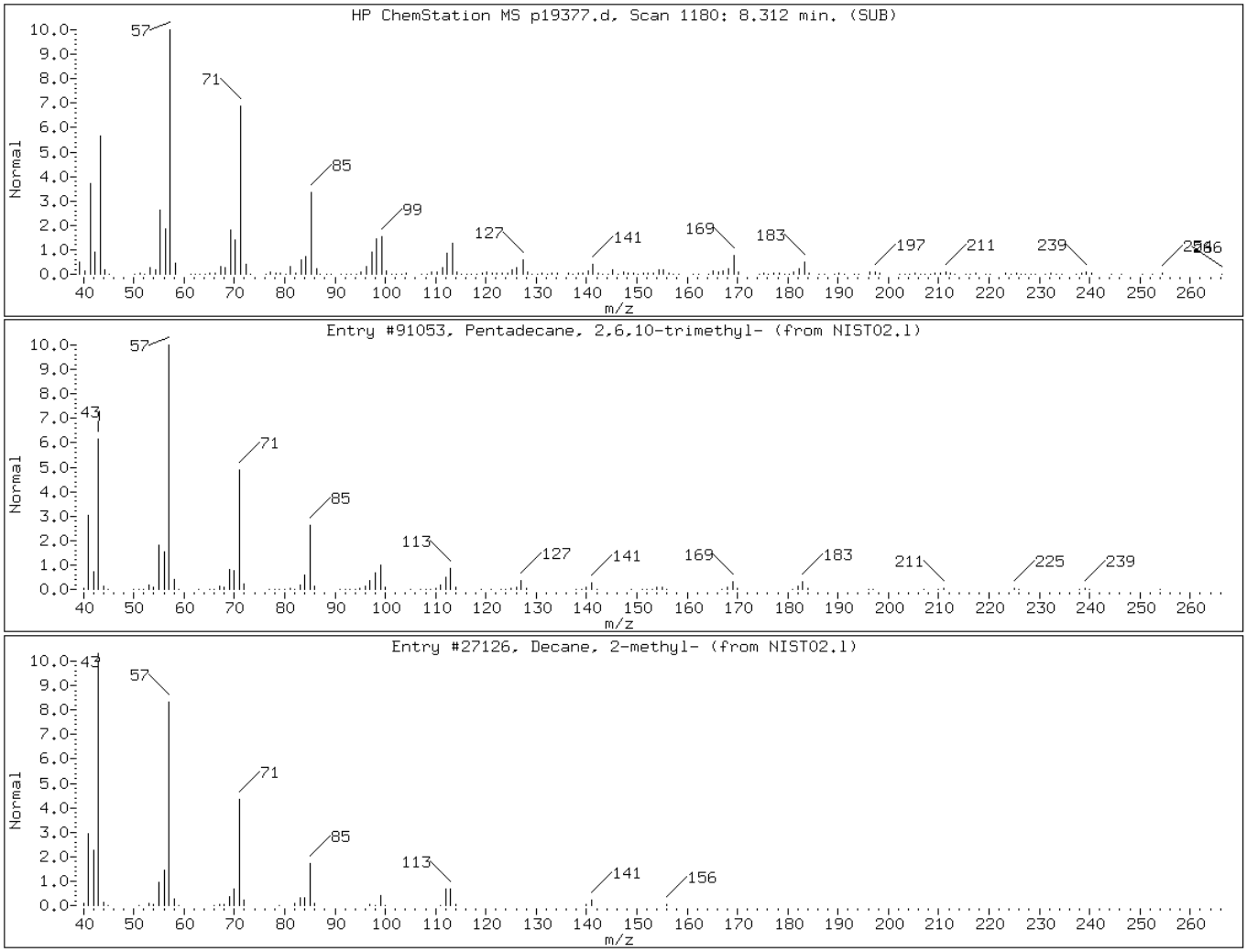
Date: 18-SEP-2011 04:25

Client ID: PMP-2-VD-S (3.5-4.0 Instrument: BNAMS10.i

Sample Info: 460-30837-F-1-E Operator: BNAMS 4

Retention Time: 8.31

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-10						
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.l	91053	83	C18H38	254
Decane, 2-methyl-	6975-98-0	NIST02.l	27126	76	C11H24	156



Data File: p19377.d

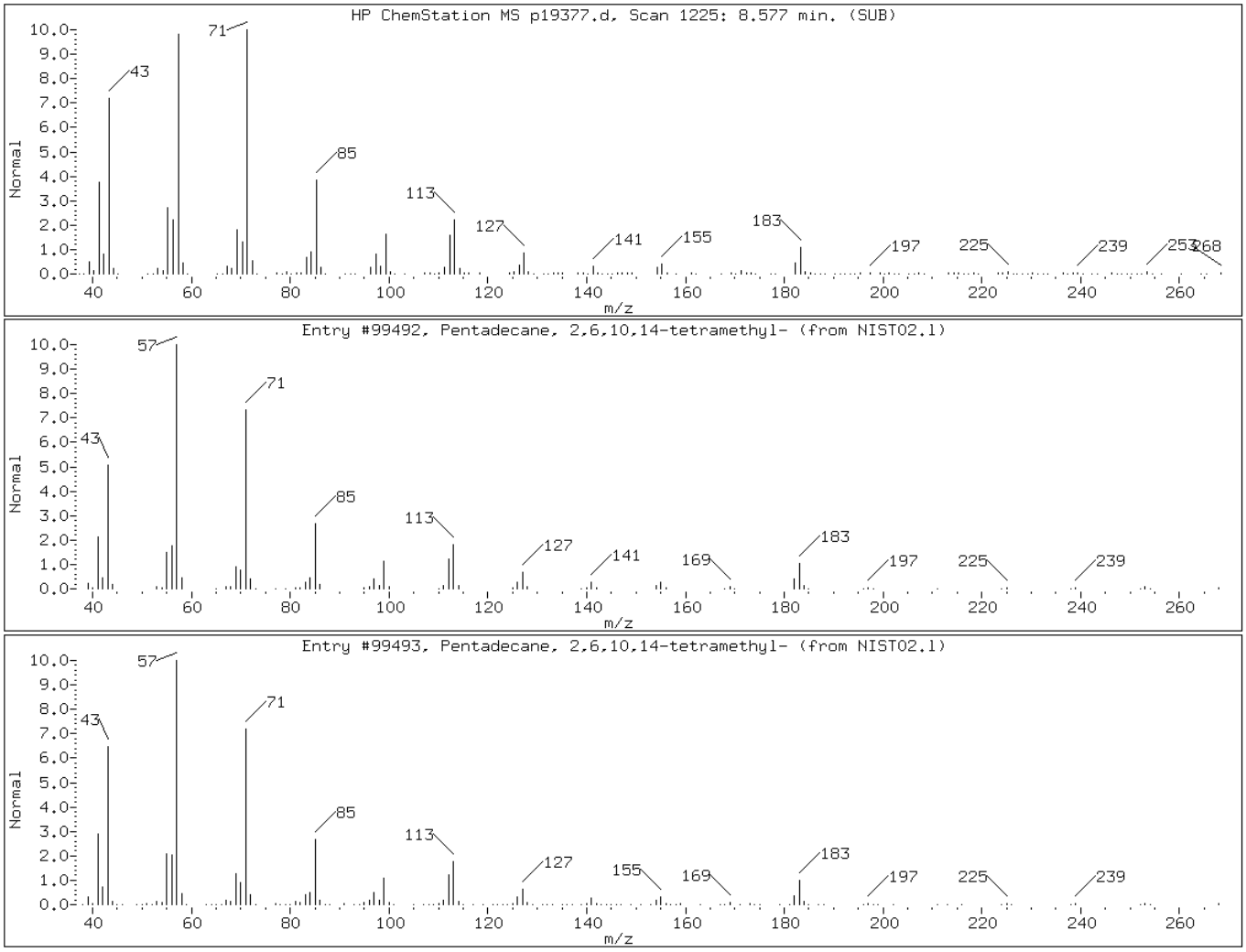
Date: 18-SEP-2011 04:25

Client ID: PMP-2-VD-S (3.5-4.0 Instrument: BNAMS10.i

Sample Info: 460-30837-F-1-E Operator: BNAMS 4

Retention Time: 8.58

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-11						
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99492	95	C19H40	268
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	95	C19H40	268



Data File: p19377.d

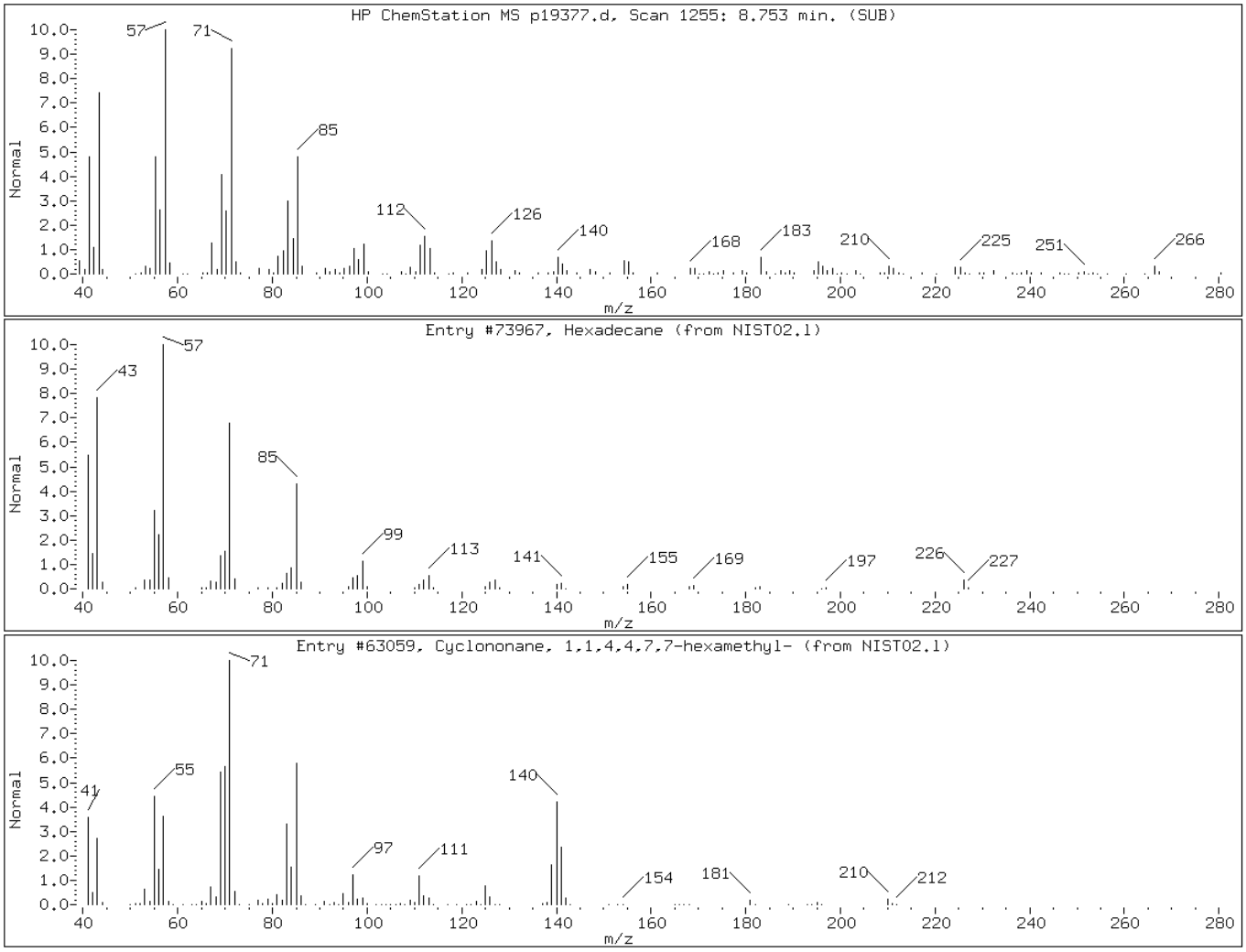
Date: 18-SEP-2011 04:25

Client ID: PMP-2-VD-S (3.5-4.0 Instrument: BNAMS10.i

Sample Info: 460-30837-F-1-E Operator: BNAMS 4

Retention Time: 8.75

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-12						
Hexadecane	544-76-3	NIST02.l	73967	93	C16H34	226
Cyclononane, 1,1,4,4,7,7-hexamethy	149331-19-1	NIST02.l	63059	90	C15H30	210



Data File: p19377.d

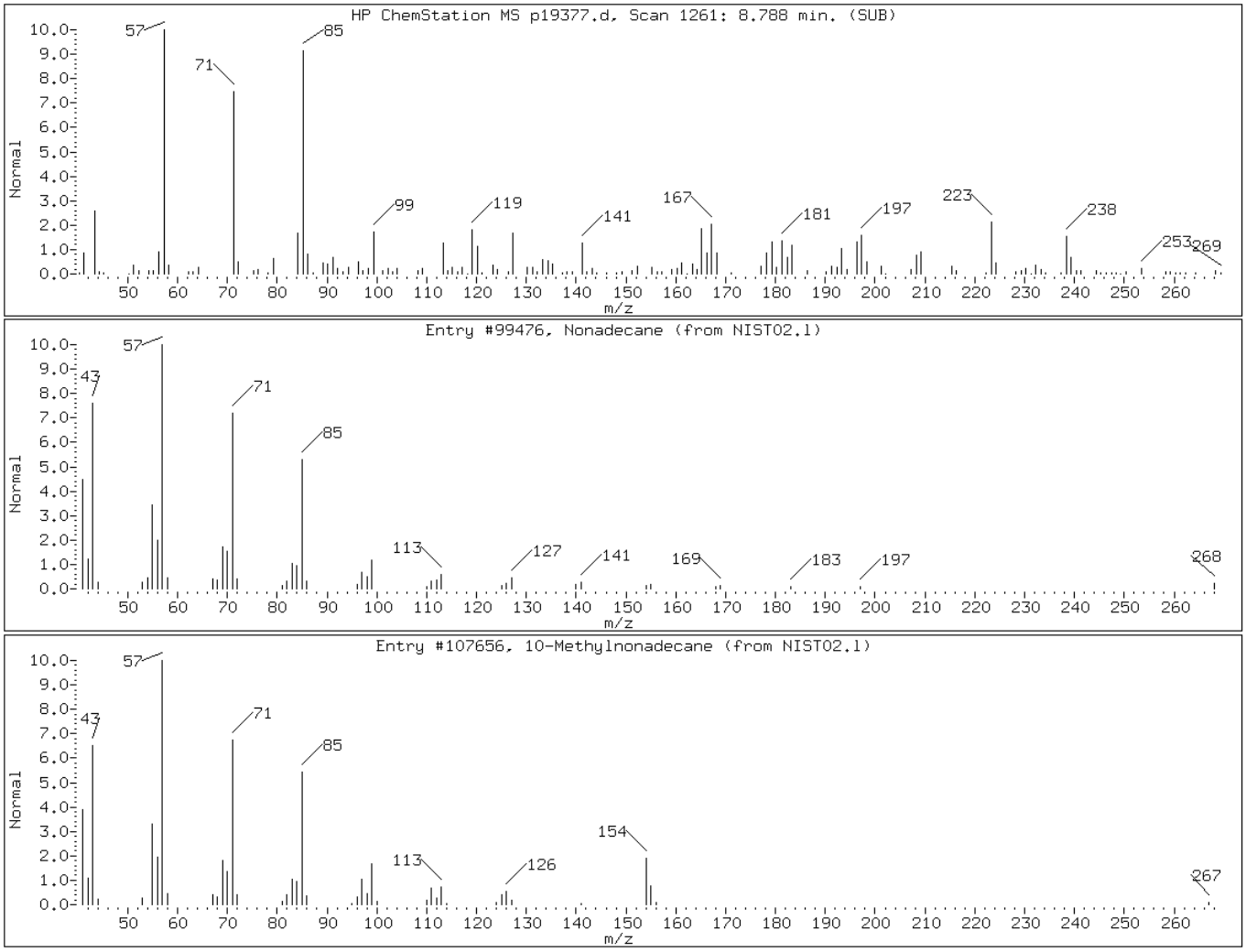
Date: 18-SEP-2011 04:25

Client ID: PMP-2-VD-S (3.5-4.0 Instrument: BNAMS10.i

Sample Info: 460-30837-F-1-E Operator: BNAMS 4

Retention Time: 8.79

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-13						
Nonadecane	629-92-5	NIST02.l	99476	50	C19H40	268
10-Methylnonadecane	56862-62-5	NIST02.l	107656	50	C20H42	282



Data File: p19377.d

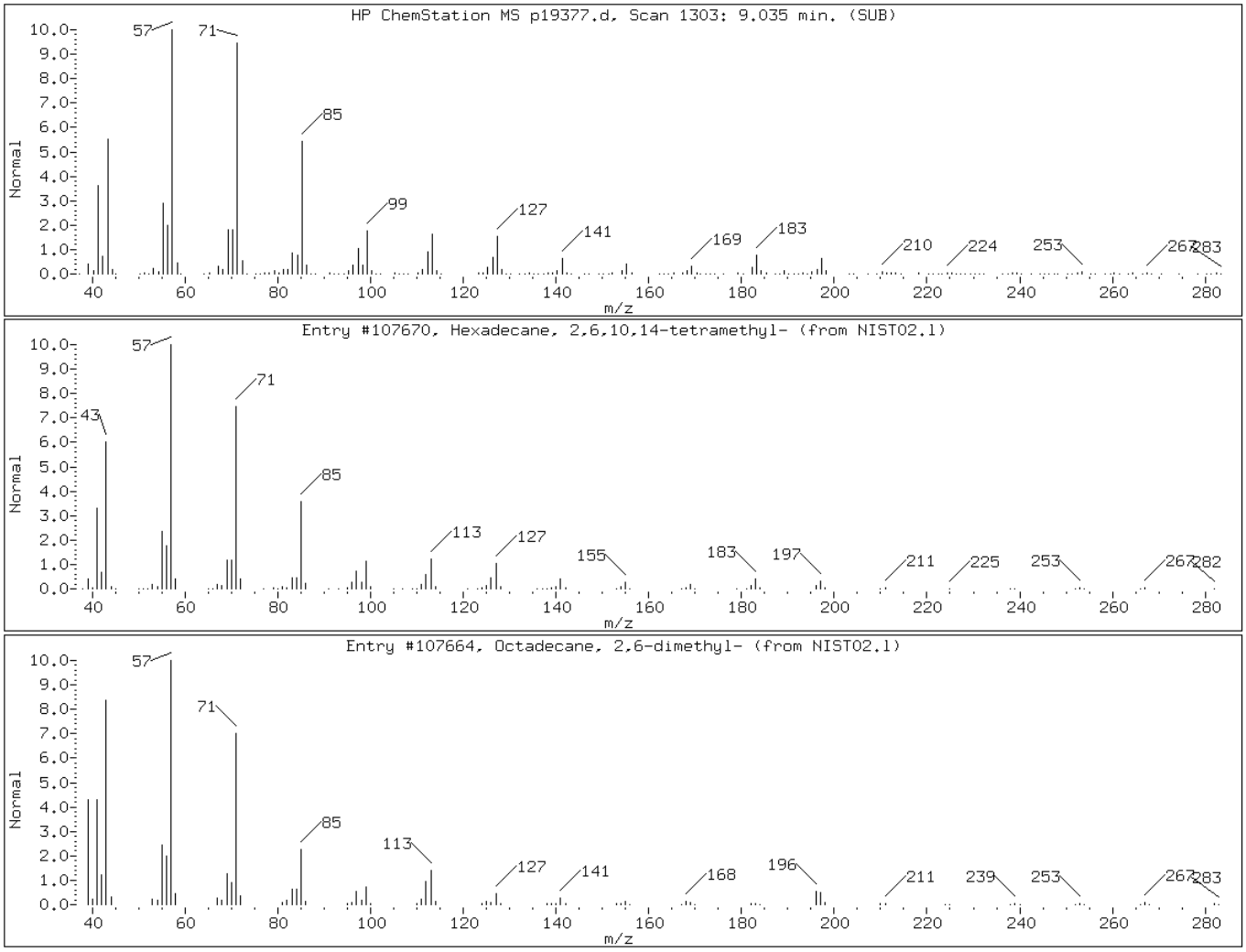
Date: 18-SEP-2011 04:25

Client ID: PMP-2-VD-S (3.5-4.0 Instrument: BNAMS10.i

Sample Info: 460-30837-F-1-E Operator: BNAMS 4

Retention Time: 9.03

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-14						
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107670	96	C20H42	282
Octadecane, 2,6-dimethyl-	75163-97-2	NIST02.l	107664	91	C20H42	282



Data File: p19377.d

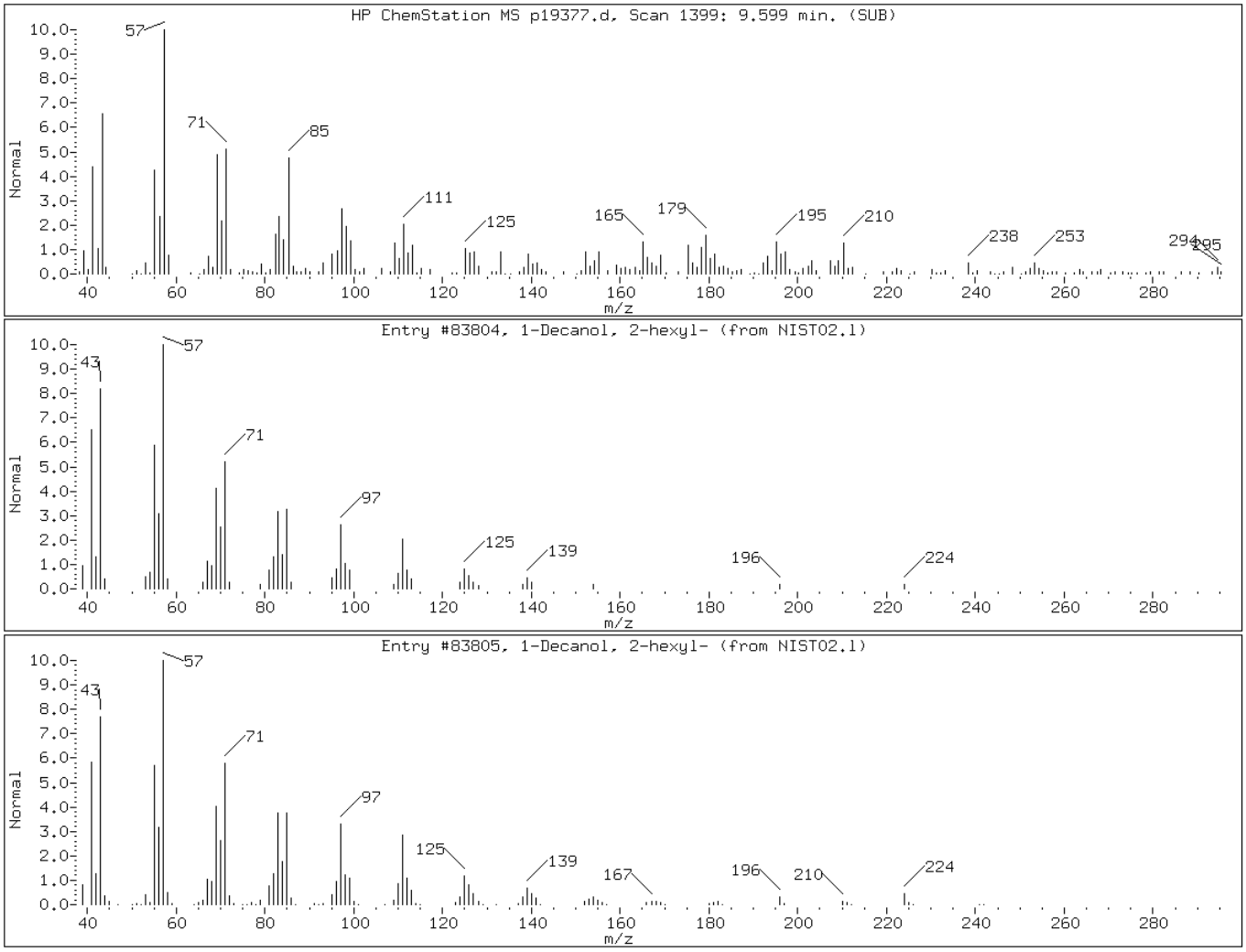
Date: 18-SEP-2011 04:25

Client ID: PMP-2-VD-S (3.5-4.0 Instrument: BNAMS10.i

Sample Info: 460-30837-F-1-E Operator: BNAMS 4

Retention Time: 9.60

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-15						
1-Decanol, 2-hexyl-	2425-77-6	NIST02.l	83804	53	C16H34O	242
1-Decanol, 2-hexyl-	2425-77-6	NIST02.l	83805	53	C16H34O	242



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-2-WT-S (8.0-8.5) | Lab Sample ID: 460-30837-2

Matrix: Solid | Lab File ID: p19440.d

Analysis Method: 8270C | Date Collected: 09/08/2011 16:20

Extract. Method: 3541 | Date Extracted: 09/16/2011 07:35

Sample wt/vol: 15.03(g) | Date Analyzed: 09/20/2011 18:03

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86818 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	750	U	750	92
95-57-8	2-Chlorophenol	750	U	750	100
95-48-7	2-Methylphenol	750	U	750	110
106-44-5	4-Methylphenol	750	U	750	120
100-52-7	Benzaldehyde	750	U	750	47
98-86-2	Acetophenone	750	U	750	110
111-44-4	Bis(2-chloroethyl)ether	75	U	75	16
108-60-1	2,2'-oxybis[1-chloropropane]	750	U	750	99
621-64-7	N-Nitrosodi-n-propylamine	75	U	75	10
98-95-3	Nitrobenzene	75	U	75	17
67-72-1	Hexachloroethane	75	U	75	13
78-59-1	Isophorone	750	U	750	87
88-75-5	2-Nitrophenol	750	U	750	120
105-67-9	2,4-Dimethylphenol	750	U	750	120
120-83-2	2,4-Dichlorophenol	750	U	750	120
111-91-1	Bis(2-chloroethoxy)methane	750	U	750	110
91-20-3	Naphthalene	3400		750	110
106-47-8	4-Chloroaniline	750	U	750	95
87-68-3	Hexachlorobutadiene	150	U	150	31
105-60-2	Caprolactam	750	U	750	100
59-50-7	4-Chloro-3-methylphenol	750	U	750	130
91-57-6	2-Methylnaphthalene	11000		750	110
118-74-1	Hexachlorobenzene	75	U	75	10
77-47-4	Hexachlorocyclopentadiene	750	U	750	220
88-06-2	2,4,6-Trichlorophenol	750	U	750	130
95-95-4	2,4,5-Trichlorophenol	750	U	750	150
92-52-4	Diphenyl	750	U	750	120
91-58-7	2-Chloronaphthalene	750	U	750	110
88-74-4	2-Nitroaniline	1500	U	1500	210
606-20-2	2,6-Dinitrotoluene	150	U	150	19
131-11-3	Dimethyl phthalate	750	U	750	100
208-96-8	Acenaphthylene	750	U	750	110
99-09-2	3-Nitroaniline	1500	U	1500	170
83-32-9	Acenaphthene	750	U	750	110

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-2-WT-S (8.0-8.5) | Lab Sample ID: 460-30837-2

Matrix: Solid | Lab File ID: p19440.d

Analysis Method: 8270C | Date Collected: 09/08/2011 16:20

Extract. Method: 3541 | Date Extracted: 09/16/2011 07:35

Sample wt/vol: 15.03(g) | Date Analyzed: 09/20/2011 18:03

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86818 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	2300	U	2300	190
51-28-5	2,4-Dinitrophenol	2300	U	2300	160
132-64-9	Dibenzofuran	750	U	750	110
84-66-2	Diethyl phthalate	750	U	750	100
86-73-7	Fluorene	620	J	750	130
206-44-0	Fluoranthene	750	U	750	130
84-74-2	Di-n-butyl phthalate	750	U	750	120
121-14-2	2,4-Dinitrotoluene	150	U	150	22
7005-72-3	4-Chlorophenyl phenyl ether	750	U	750	130
100-01-6	4-Nitroaniline	1500	U	1500	160
534-52-1	4,6-Dinitro-2-methylphenol	2300	U	2300	360
101-55-3	4-Bromophenyl phenyl ether	750	U	750	130
1912-24-9	Atrazine	750	U	750	140
120-12-7	Anthracene	750	U	750	130
86-74-8	Carbazole	750	U	750	120
85-01-8	Phenanthrene	1900		750	130
87-86-5	Pentachlorophenol	2300	U	2300	370
129-00-0	Pyrene	130	J	750	130
218-01-9	Chrysene	750	U	750	110
207-08-9	Benzo[k]fluoranthene	75	U	75	11
191-24-2	Benzo[g,h,i]perylene	750	U	750	80
205-99-2	Benzo[b]fluoranthene	75	U	75	11
50-32-8	Benzo[a]pyrene	75	U	75	9.3
56-55-3	Benzo[a]anthracene	75	U	75	14
86-30-6	N-Nitrosodiphenylamine	750	U	750	120
85-68-7	Butyl benzyl phthalate	750	U	750	88
117-81-7	Bis(2-ethylhexyl) phthalate	750	U	750	100
117-84-0	Di-n-octyl phthalate	750	U	750	90
193-39-5	Indeno[1,2,3-cd]pyrene	75	U	75	12
53-70-3	Dibenz(a,h)anthracene	75	U	75	9.1
91-94-1	3,3'-Dichlorobenzidine	1500	U	1500	170
95-94-3	1,2,4,5-Tetrachlorobenzene	750	U	750	100
58-90-2	2,3,4,6-Tetrachlorophenol	750	U	750	150

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-2-WT-S (8.0-8.5) Lab Sample ID: 460-30837-2

Matrix: Solid Lab File ID: p19440.d

Analysis Method: 8270C Date Collected: 09/08/2011 16:20

Extract. Method: 3541 Date Extracted: 09/16/2011 07:35

Sample wt/vol: 15.03(g) Date Analyzed: 09/20/2011 18:03

Con. Extract Vol.: 1(mL) Dilution Factor: 2

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 12.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86818 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	99		38-105
4165-62-2	Phenol-d5	87		41-118
1718-51-0	Terphenyl-d14	84		16-151
118-79-6	2,4,6-Tribromophenol	44		10-120
367-12-4	2-Fluorophenol	86		37-125
321-60-8	2-Fluorobiphenyl	74		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-2-WT-S (8.0-8.5) | Lab Sample ID: 460-30837-2

Matrix: Solid | Lab File ID: p19440.d

Analysis Method: 8270C | Date Collected: 09/08/2011 16:20

Extract. Method: 3541 | Date Extracted: 09/16/2011 07:35

Sample wt/vol: 15.03(g) | Date Analyzed: 09/20/2011 18:03

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86818 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 172200

CAS NO.	COMPOUND NAME	RT	RESULT	Q
106-46-7	1,4-Dichlorobenzene	4.36	2500	
	Unknown Alkane-1	5.04	2600	J
	C10H12/C10H14 Aromatics	5.45	3300	J
	Unknown Alkane-2	5.76	4900	J
	Unknown Alkane-3	5.84	3400	J
	Unknown Alkane-4	6.23	6300	J
	Unknown Alkane-5	6.40	11000	J
90-12-0	1-Methylnaphthalene	6.56	7500	
	Unknown Cycloalkane	6.70	1500	J
	Unknown Alkane-6	6.98	5300	J
575-41-7	1,3-Dimethylnaphthalene	7.18	10000	
	Unknown Alkane-7	7.30	4300	J
	Trimethylnaphthalene isomer-2	7.73	1500	J
	Unknown Alkane-9	8.01	4600	J
	Unknown Alkane-10	8.22	2600	J
	Unknown Alkane-11	8.48	27000	J
	Unknown-5	8.49	26000	J
593-45-3	n-Octadecane	8.91	21000	E
	Unknown-6	8.94	17000	J
	Trichloro-1,1-biphenyl isomer	9.33	9900	J

Data File: /chem/BNAMS10.i/8270/09-17-11/20sep11.b/p19440.d
Report Date: 21-Sep-2011 13:24

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/09-17-11/20sep11.b/p19440.d
Lab Smp Id: 460-30837-F-2-C Client Smp ID: PMP-2-WT-S (8.0-8.5
Inj Date : 20-SEP-2011 18:03
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-30837-F-2-C
Misc Info : 460-30837-F-2-C
Comment   :
Method   : /chem/BNAMS10.i/8270/09-17-11/20sep11.b/8270C_08SP.m
Meth Date : 20-Sep-2011 10:37 monica Quant Type: ISTD
Cal Date : 17-SEP-2011 05:31 Cal File: p19351.d
Als bottle: 19
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	15.03000	Weight of sample extracted (g)
M	12.45614	% 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	2.942	2.930	(0.678)	620998	42.8250	6500
$	17 Phenol-d5 (SUR)	99	3.953	3.964	(0.911)	780469	43.2654	6600
	113 n-decane	43	4.194	4.199	(0.966)	94539	7.62728	1200
	21 1,3-Dichlorobenzene	146	4.276	4.282	(0.985)	72036	3.88397	590(a)
*	79 1,4-Dichlorobenzene-d4	152	4.341	4.346	(1.000)	470518	40.0000	
	22 1,4-Dichlorobenzene	146	4.358	4.364	(1.004)	311937	16.5436	2500
	23 1,2-Dichlorobenzene	146	4.529	4.529	(1.043)	157169	9.15104	1400
$	76 Nitrobenzene-d5 (SUR)	82	4.940	4.952	(0.864)	426047	24.7619	3800
	30 1,2,4-Trichlorobenzene	180	5.663	5.657	(0.991)	111092	7.93569	1200
*	80 Naphthalene-d8	136	5.715	5.710	(1.000)	1466514	40.0000	
	31 Naphthalene	128	5.733	5.733	(1.003)	851089	22.4983	3400
	34 2-Methylnaphthalene	142	6.467	6.456	(1.132)	1884448	75.1534	11000
	120 1-Methylnaphthalene	142	6.561	6.556	(1.148)	1267375	49.4263	7500

Data File: /chem/BNAMS10.i/8270/09-17-11/20sep11.b/p19440.d
Report Date: 21-Sep-2011 13:24

						CONCENTRATIONS	
	QUANT SIG					ON-COLUMN	FINAL
Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/Kg)
$ 77 2-Fluorobiphenyl (SUR)	172	6.844	6.838	(0.911)	619953	18.4090	2800
125 1,3-Dimethylnaphthalene	156	7.184	7.173	(0.956)	1659036	68.9199	10000
* 82 Acenaphthene-d10	164	7.513	7.502	(1.000)	977572	40.0000	
47 Fluorene	166	8.060	8.048	(1.073)	128565	4.11015	620(aH)
$ 18 2,4,6-Tribromophenol (SUR)	330	8.295	8.289	(1.104)	96446	21.8197	3300
115 n-Octadecane	57	8.912	8.900	(0.993)	1132254	136.742	21000(A)
* 83 Phenanthrene-d10	188	8.976	8.970	(1.000)	810120	40.0000	
52 Phenanthrene	178	9.000	8.994	(1.003)	281266	12.5125	1900
57 Pyrene	202	10.381	10.381	(0.891)	17210	0.87740	130(a)
$ 78 Terphenyl-d14	244	10.539	10.545	(0.904)	285443	20.9614	3200
* 81 Chrysene-d12	240	11.656	11.661	(1.000)	506238	40.0000	
* 84 Perylene-d12	264	13.483	13.489	(1.000)	462244	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.
H - Operator selected an alternate compound hit.

Data File: /chem/BNAMS10.i/8270/09-17-11/20sep11.b/p19440.d
Report Date: 21-Sep-2011 13:24

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/09-17-11/20sep11.b/p19440.d
Lab Smp Id: 460-30837-F-2-C Client Smp ID: PMP-2-WT-S (8.0-8.5
Inj Date : 20-SEP-2011 18:03
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-30837-F-2-C
Misc Info : 460-30837-F-2-C
Comment   :
Method   : /chem/BNAMS10.i/8270/09-17-11/20sep11.b/8270C_08SP.m
Meth Date : 20-Sep-2011 10:37 monica Quant Type: ISTD
Cal Date : 17-SEP-2011 05:31 Cal File: p19351.d
Als bottle: 19
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	15.03000	Weight of sample extracted (g)
M	12.45614	% Moisture

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 80 Naphthalene-d8	5.715	14396396	40.000
* 82 Acenaphthene-d10	7.513	37617755	40.000
* 83 Phenanthrene-d10	8.976	4953732	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane-1				CAS #:			
5.040	6221730	17.2869084	2600	0	0		80

Data File: /chem/BNAMS10.i/8270/09-17-11/20sep11.b/p19440.d
Report Date: 21-Sep-2011 13:24

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
C10H12/C10H14 Aromatics					CAS #:		
5.451	7750539	21.5346652	3300	0		0	80
Unknown Alkane-2					CAS #:		
5.762	11686449	32.4704848	4900	0		0	80
Unknown Alkane-3					CAS #:		
5.845	8057814	22.3884197	3400	0		0	80
Unknown Alkane-4					CAS #:		
6.227	14910355	41.4280208	6300	0		0	80
Unknown Alkane-5					CAS #:		
6.403	24999814	69.4613105	10000	0		0	80
Unknown Cycloalkane					CAS #:		
6.697	9543934	10.1483286	1500	0		0	82
Unknown-1					CAS #:		
6.926	5095807	5.41851244	820	0		0	82
Unknown Alkane-6					CAS #:		
6.985	32937174	35.0230086	5300	0		0	82
Ethylnaphthalene isomer					CAS #:		
7.037	5682517	6.04237806	920	0		0	82
Dimethylnaphthalene isomer					CAS #:		
7.108	8341265	8.86949773	1300	0		0	82
Unknown-2					CAS #:		
7.208	6717755	7.14317494	1100	0		0	82
Unknown-3					CAS #:		
7.237	7667899	8.15348962	1200	0		0	82
Unknown Alkane-7					CAS #:		
7.302	26608066	28.2930924	4300	0		0	82
Unknown-4					CAS #:		
7.437	5459229	5.80494891	880	0		0	82
Trimethylnaphthalene isomer-1					CAS #:		
7.631	5665158	6.02391914	920	0		0	82

Data File: /chem/BNAMS10.i/8270/09-17-11/20sep11.b/p19440.d
Report Date: 21-Sep-2011 13:24

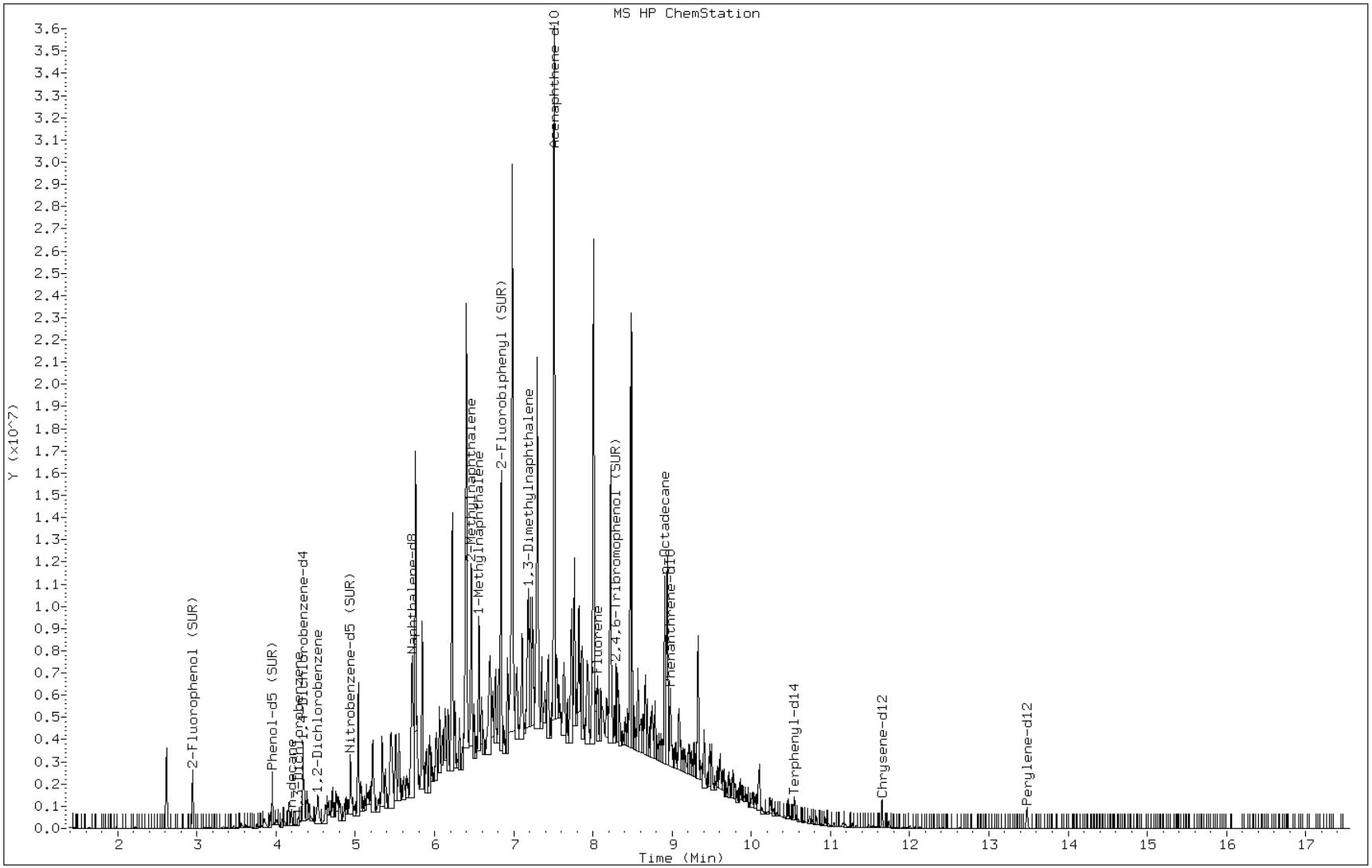
	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Trimethylnaphthalene isomer-2					CAS #:		
7.731	9276789	9.86426633	1500	0		0	82
Trimethylnaphthalene isomer-3					CAS #:		
7.766	7434931	7.90576789	1200	0		0	82
Unknown Alkane-8					CAS #:		
7.860	5577698	5.93092066	900	0		0	82
Trimethylnaphthalene isomer-4					CAS #:		
7.930	6952112	7.39237260	1100	0		0	82
Unknown Alkane-9					CAS #:		
8.013	28544569	30.3522301	4600	0		0	82
Unknown Alkane-10					CAS #:		
8.224	16069454	17.0870948	2600	0		0	82
Unknown Alkane-11					CAS #:		
8.477	22010356	177.727437	27000	0		0	83
Unknown-5					CAS #:		
8.489	21031675	169.824860	26000	0		0	83
Unknown-6					CAS #:		
8.941	13569933	109.573393	17000	0		0	83
Trichloro-1,1-biphenyl isomer					CAS #:		
9.329	8030621	64.8450086	9800	0		0	83

Data File: p19440.d

Date: 20-SEP-2011 18:03

Client ID: PMP-2-WT-S (8.0-8.5 Instrument: BNAMS10.i

Sample Info: 460-30837-F-2-C Operator: BNAMS 4



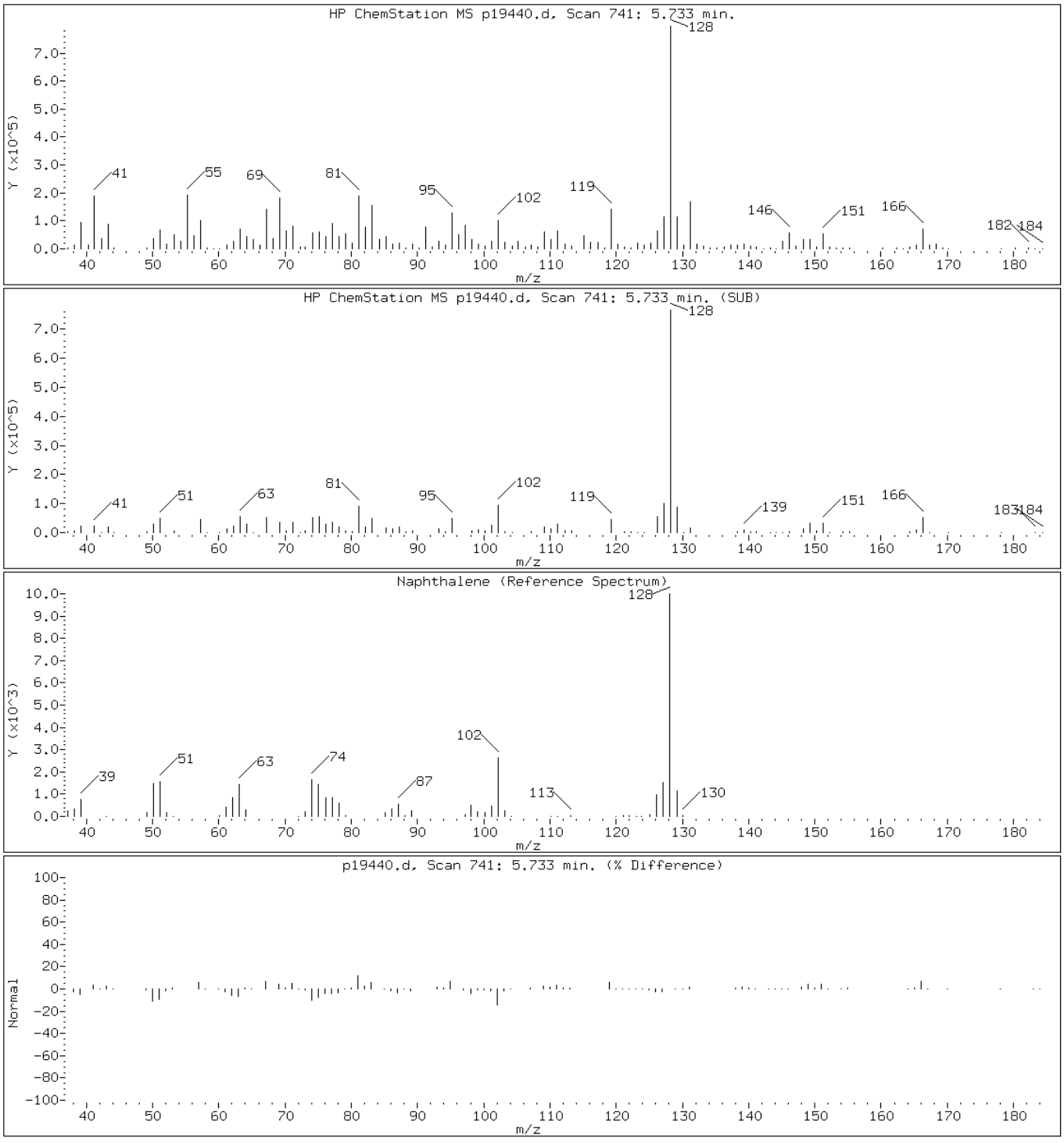
Data File: p19440.d

Date: 20-SEP-2011 18:03

Client ID: PMP-2-WT-S (8.0-8.5 Instrument: BNAMS10.i

Sample Info: 460-30837-F-2-C Operator: BNAMS 4

31 Naphthalene



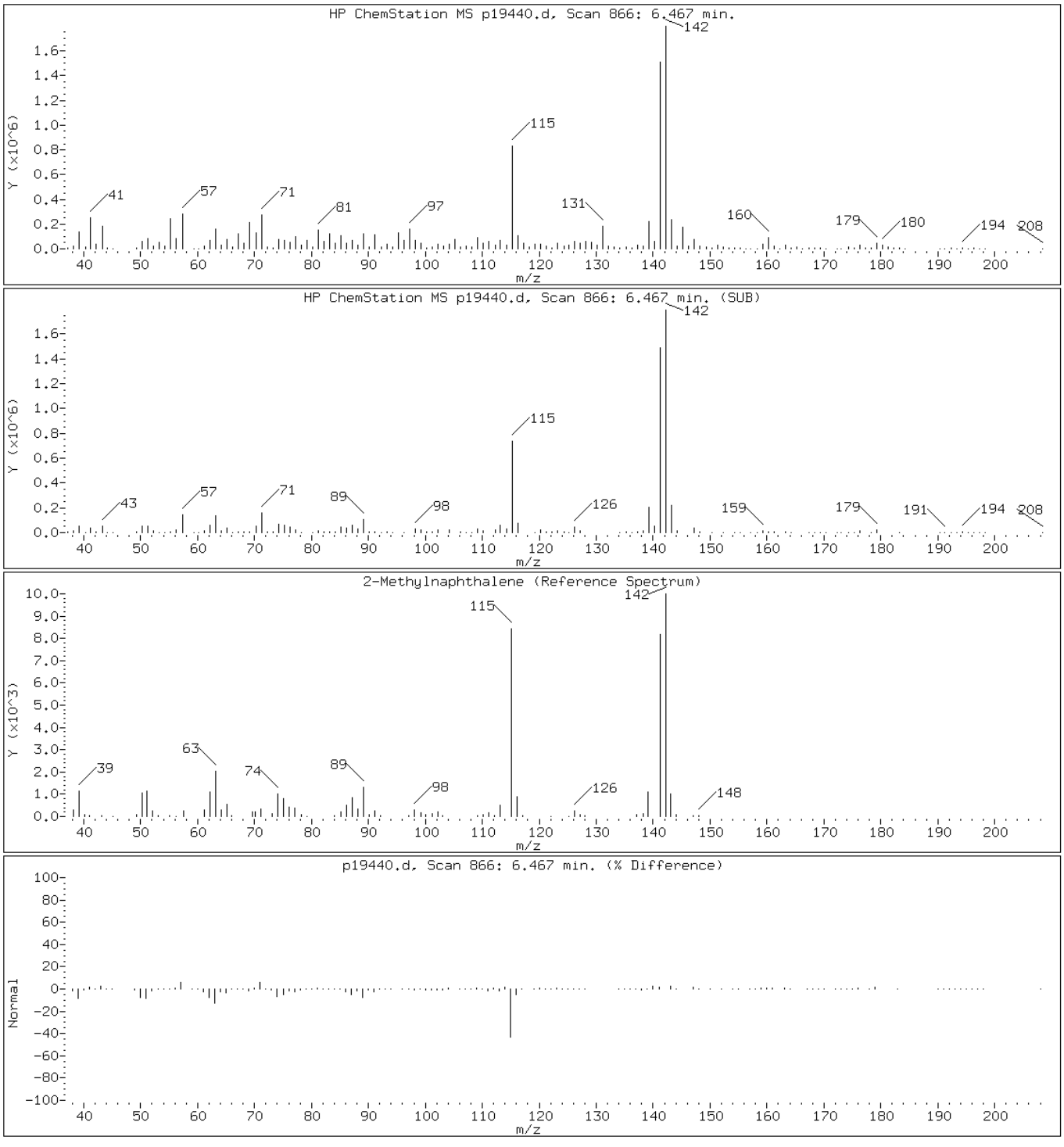
Data File: p19440.d

Date: 20-SEP-2011 18:03

Client ID: PMP-2-WT-S (8.0-8.5 Instrument: BNAMS10.i

Sample Info: 460-30837-F-2-C Operator: BNAMS 4

34 2-Methylnaphthalene



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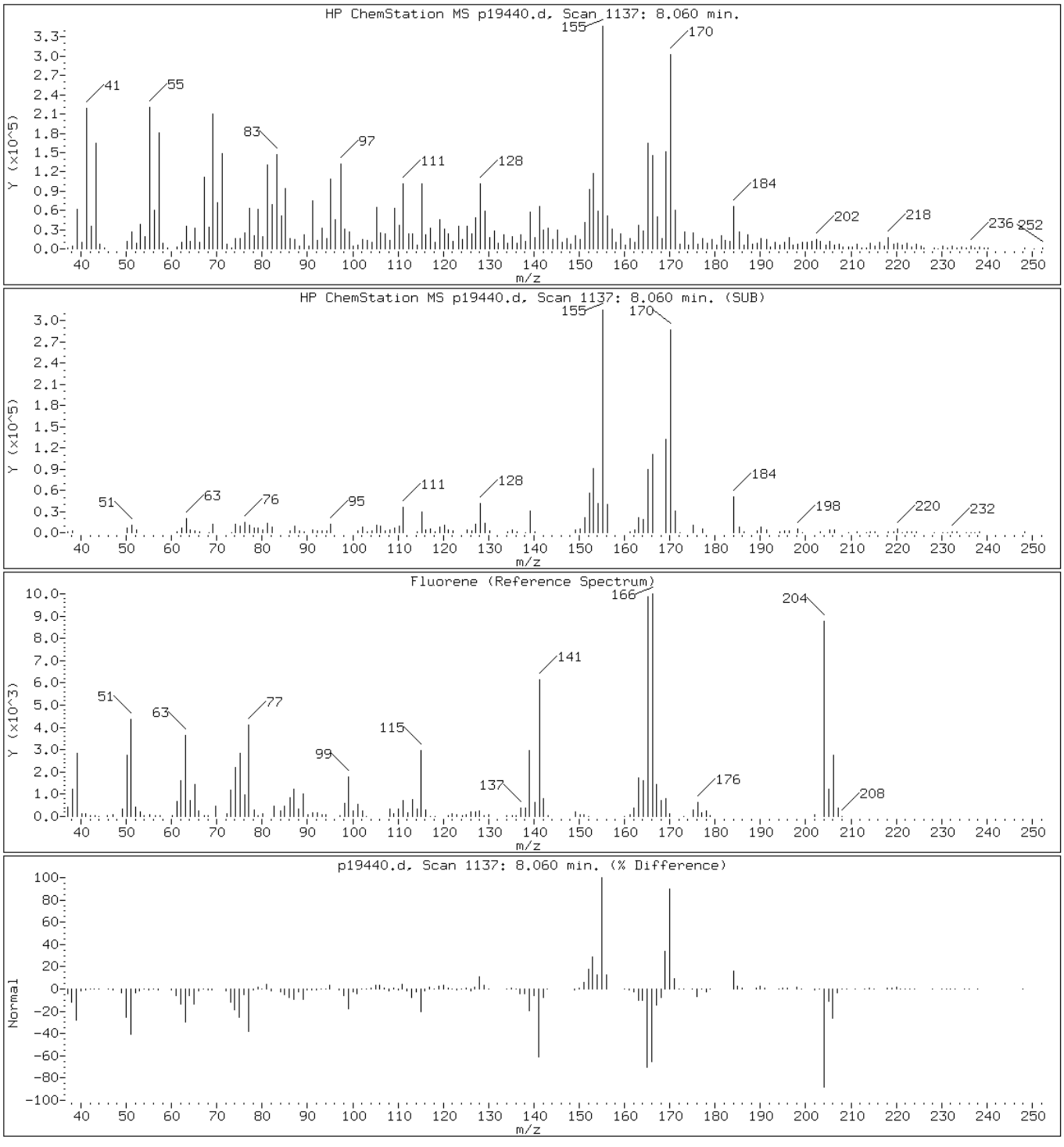
Date: 20-SEP-2011 18:03

Client ID: PMP-2-WT-S (8.0-8.5 Instrument: BNAMS10.i

Sample Info: 460-30837-F-2-C Operator: BNAMS 4

47 Fluorene



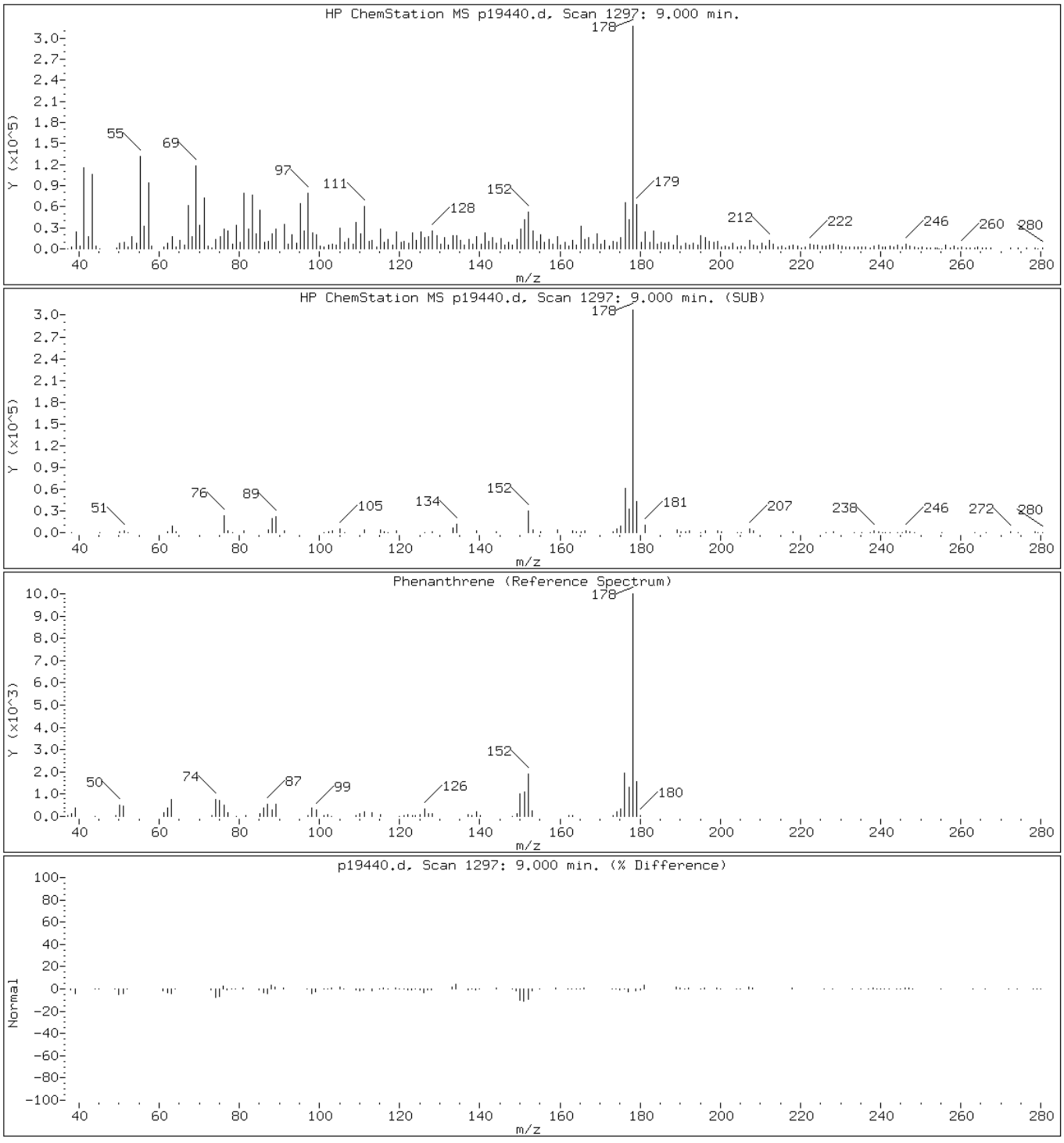
Data File: p19440.d

Date: 20-SEP-2011 18:03

Client ID: PMP-2-WT-S (8.0-8.5 Instrument: BNAMS10.i

Sample Info: 460-30837-F-2-C Operator: BNAMS 4

52 Phenanthrene



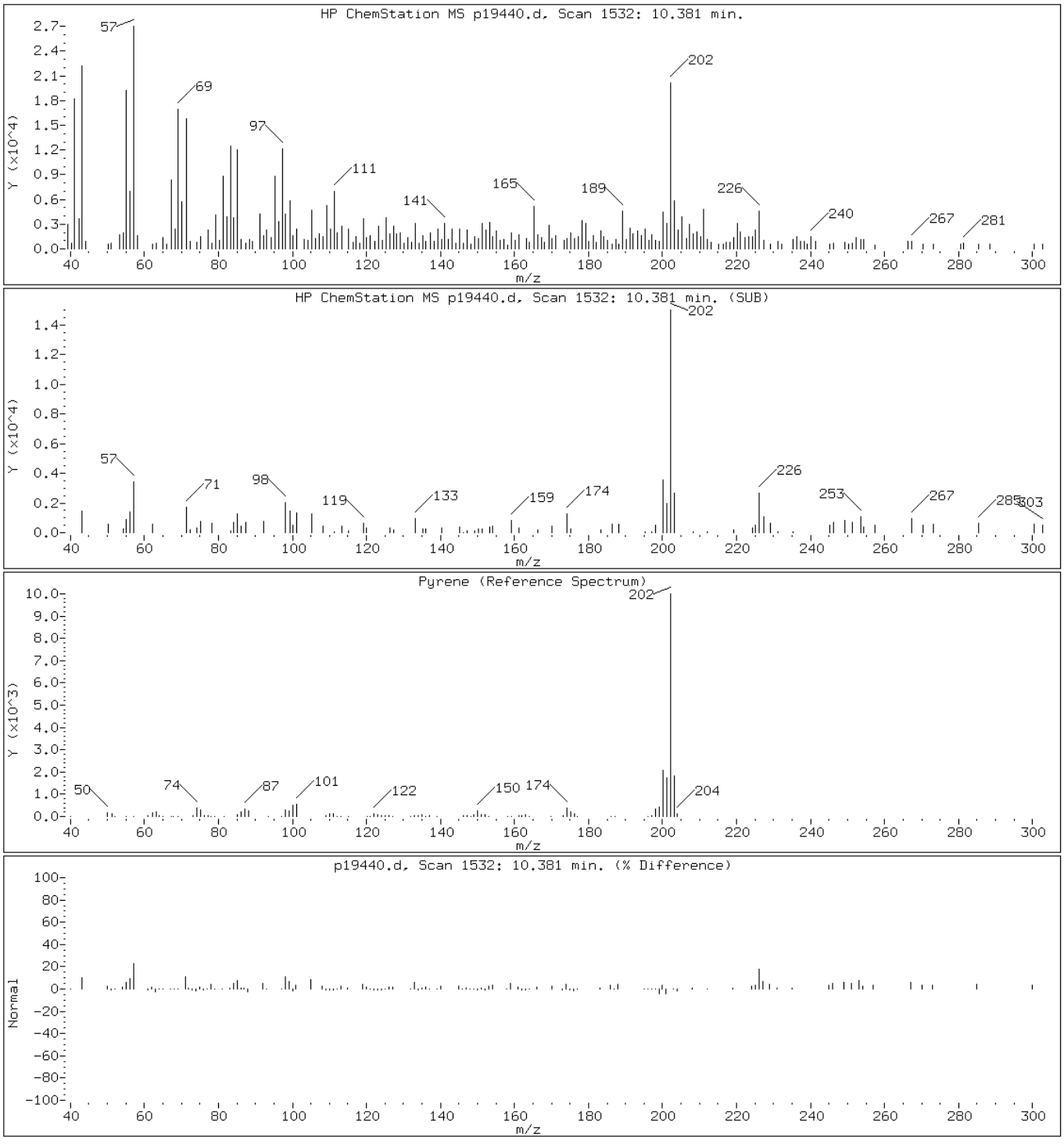
Data File: p19440.d

Date: 20-SEP-2011 18:03

Client ID: PMP-2-WT-S (8.0-8.5 Instrument: BNAMS10.i

Sample Info: 460-30837-F-2-C Operator: BNAMS 4

57 Pyrene



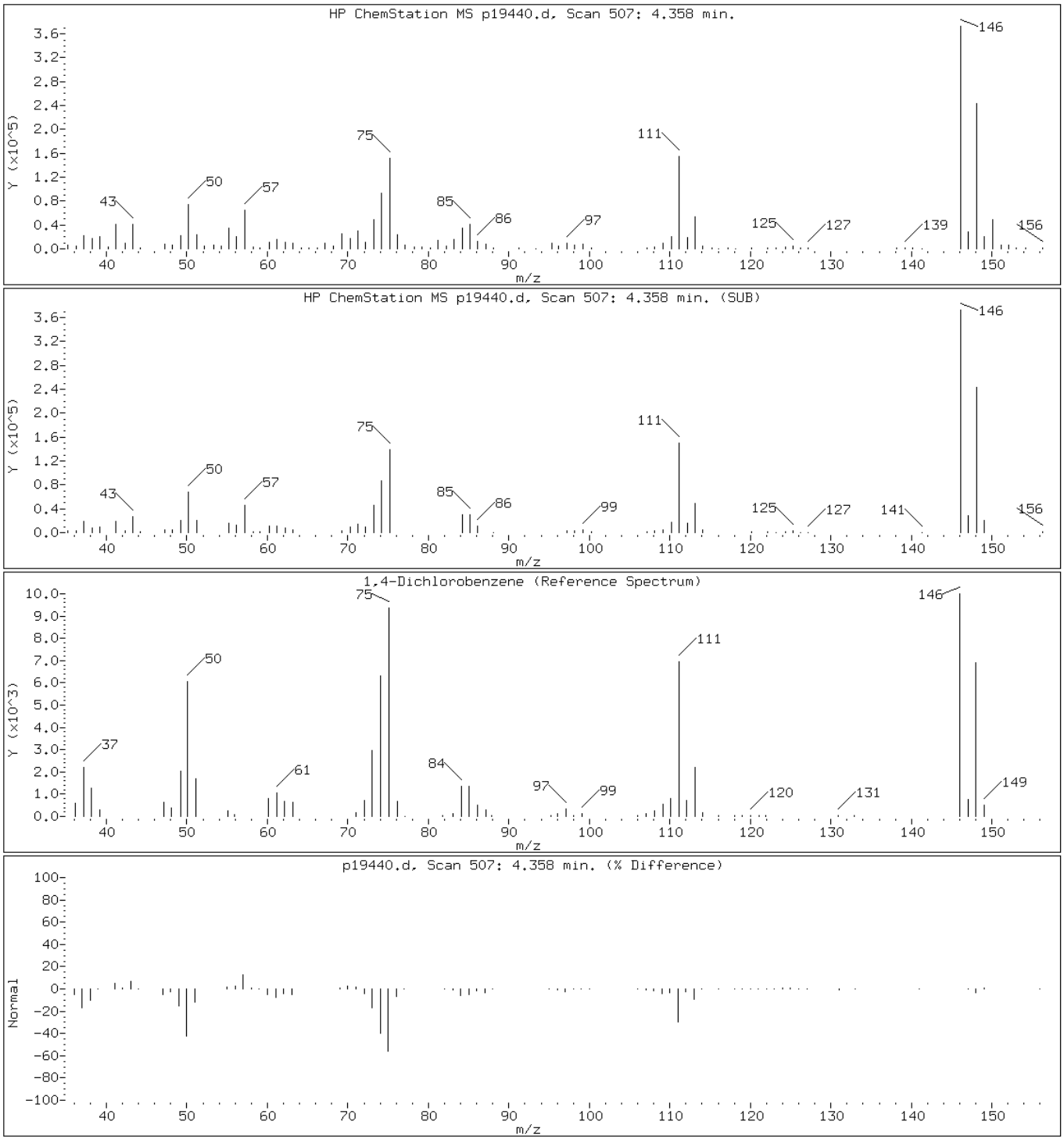
Data File: p19440.d

Date: 20-SEP-2011 18:03

Client ID: PMP-2-WT-S (8.0-8.5 Instrument: BNAMS10.i

Sample Info: 460-30837-F-2-C Operator: BNAMS 4

22 1,4-Dichlorobenzene



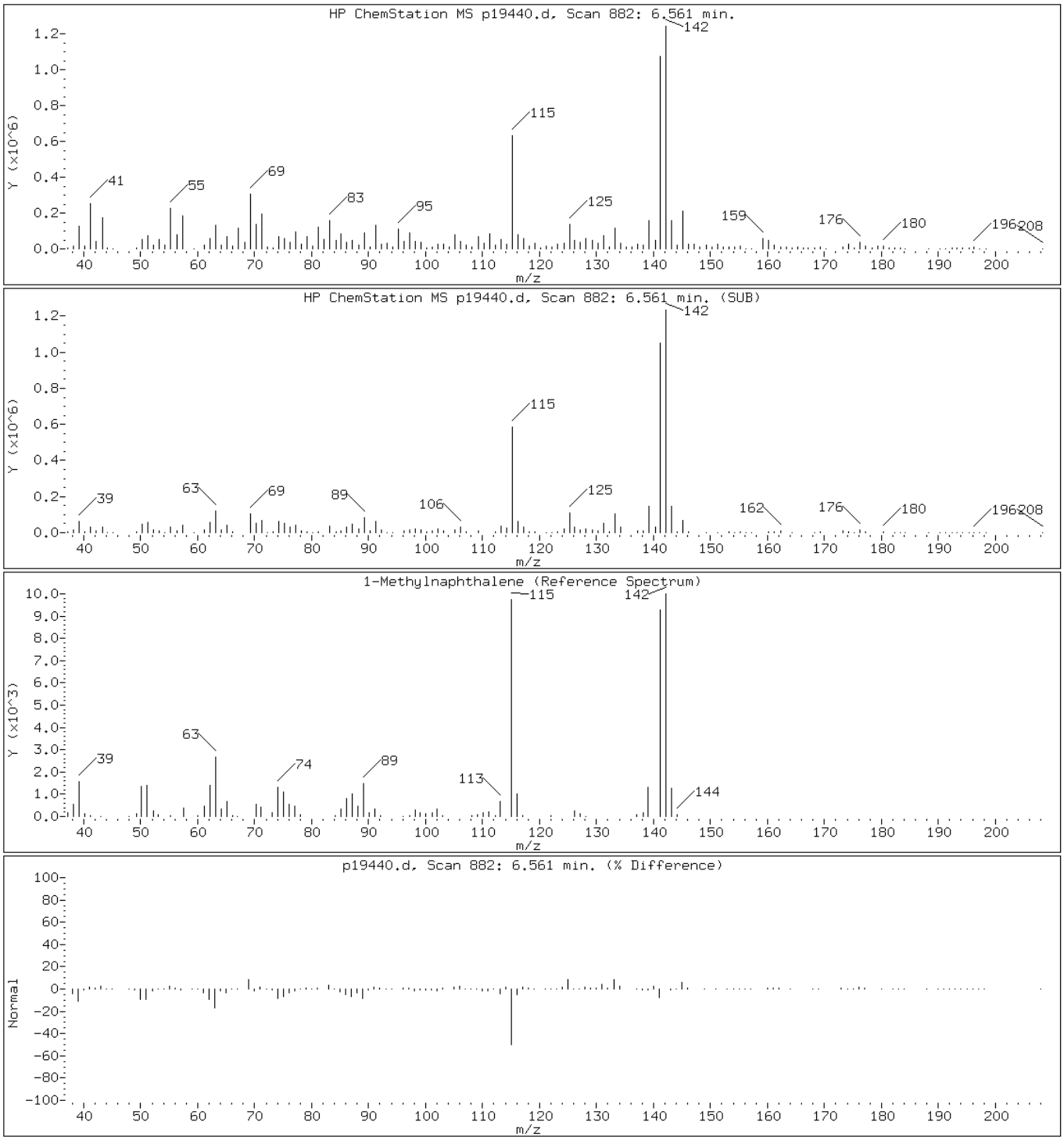
Data File: p19440.d

Date: 20-SEP-2011 18:03

Client ID: PMP-2-WT-S (8.0-8.5 Instrument: BNAMS10.i

Sample Info: 460-30837-F-2-C Operator: BNAMS 4

120 1-Methylnaphthalene



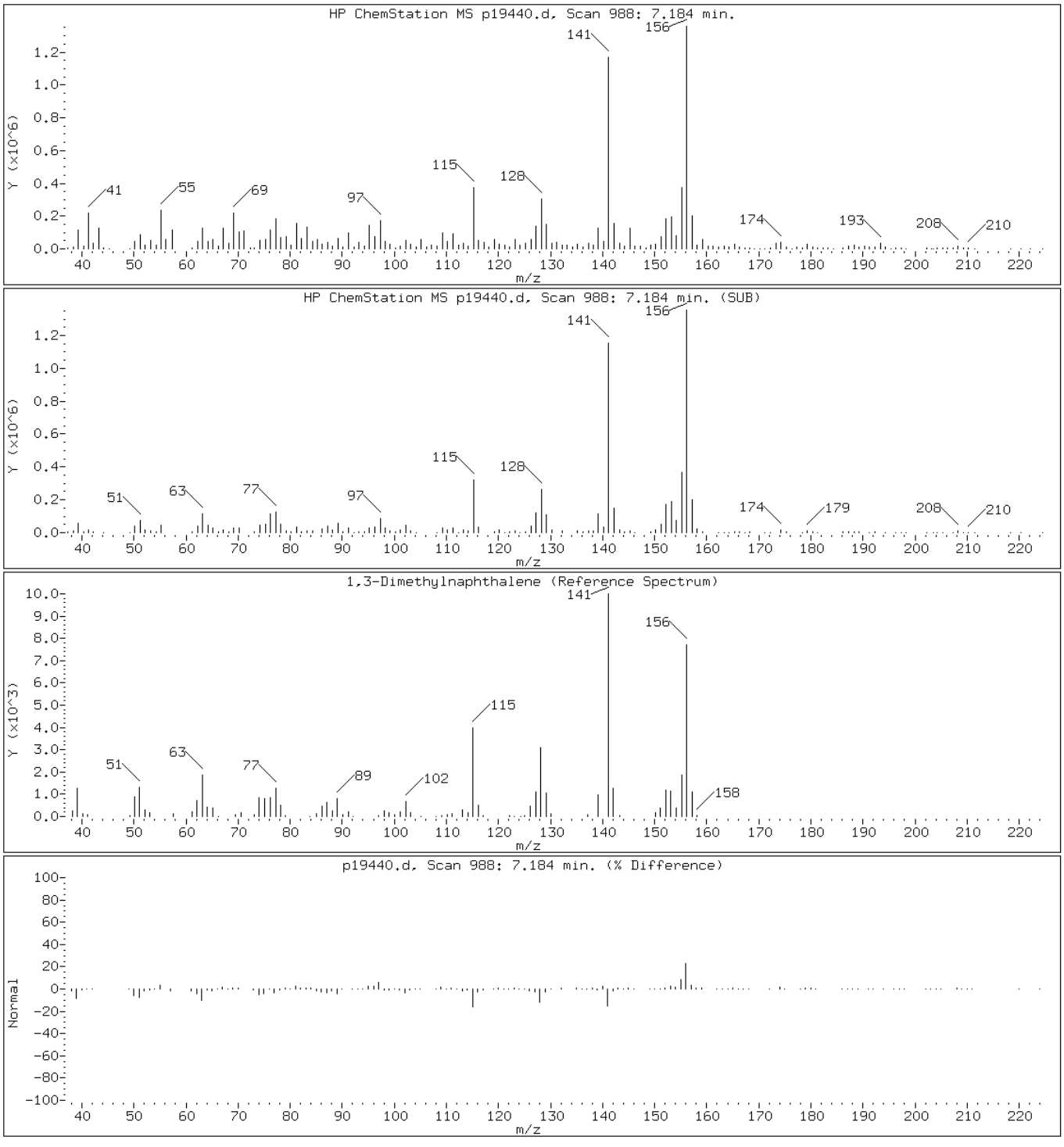
Data File: p19440.d

Date: 20-SEP-2011 18:03

Client ID: PMP-2-WT-S (8.0-8.5 Instrument: BNAMS10.i

Sample Info: 460-30837-F-2-C Operator: BNAMS 4

125 1,3-Dimethylnaphthalene



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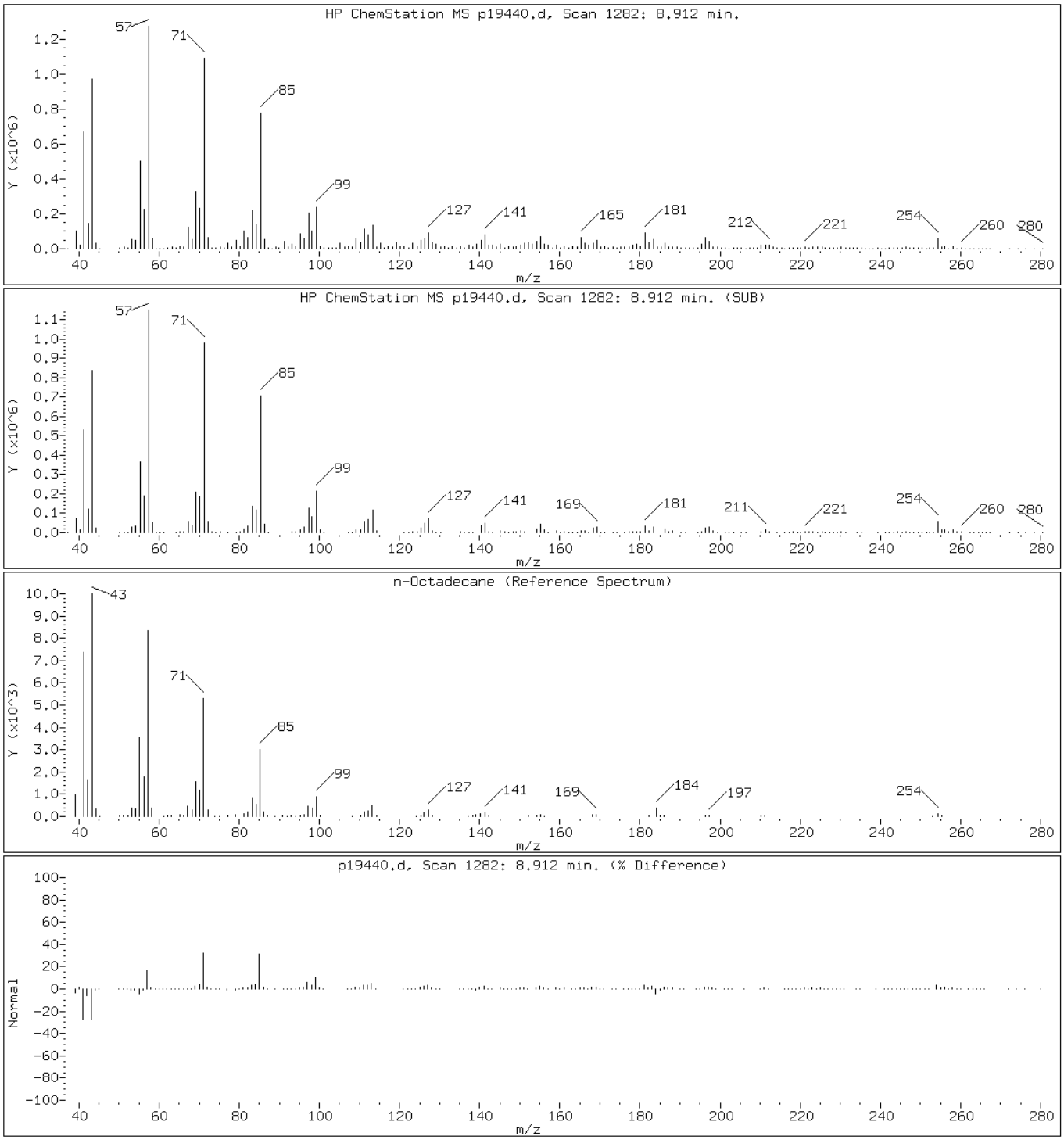
Date: 20-SEP-2011 18:03

Client ID: PMP-2-WT-S (8.0-8.5 Instrument: BNAMS10.i

Sample Info: 460-30837-F-2-C Operator: BNAMS 4

115 n-Octadecane



Data File: p19440.d

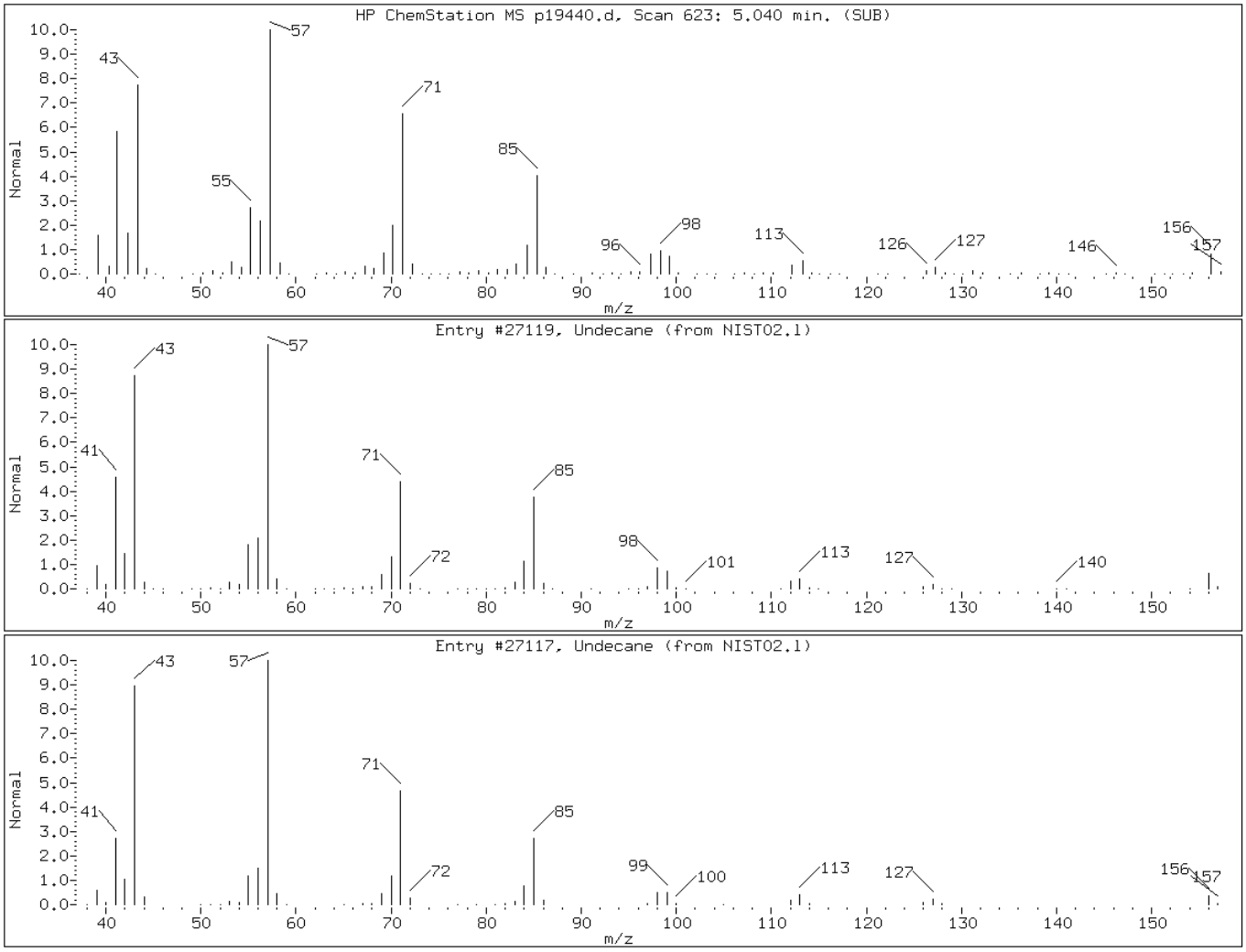
Date: 20-SEP-2011 18:03

Client ID: PMP-2-WT-S (8.0-8.5 Instrument: BNAMS10.i

Sample Info: 460-30837-F-2-C Operator: BNAMS 4

Retention Time: 5.04

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Undecane	1120-21-4	NIST02.l	27119	93	C11H24	156
Undecane	1120-21-4	NIST02.l	27117	91	C11H24	156



Data File: p19440.d

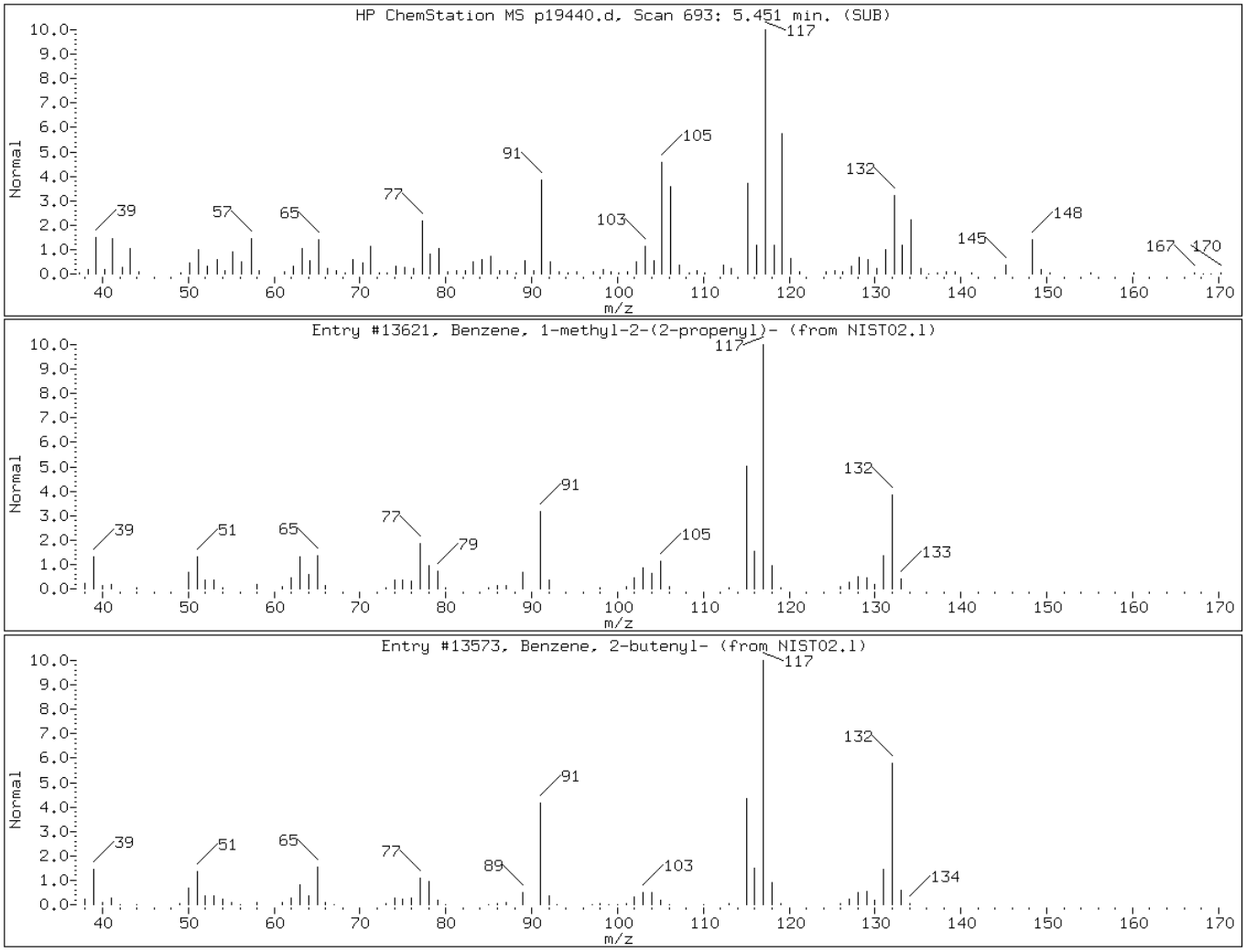
Date: 20-SEP-2011 18:03

Client ID: PMP-2-WT-S (8.0-8.5 Instrument: BNAMS10.i

Sample Info: 460-30837-F-2-C Operator: BNAMS 4

Retention Time: 5.45

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H12/C10H14 Aromatics						
Benzene, 1-methyl-2-(2-propenyl)-	1587-04-8	NIST02.l	13621	95	C10H12	132
Benzene, 2-butenyl-	1560-06-1	NIST02.l	13573	87	C10H12	132



Data File: p19440.d

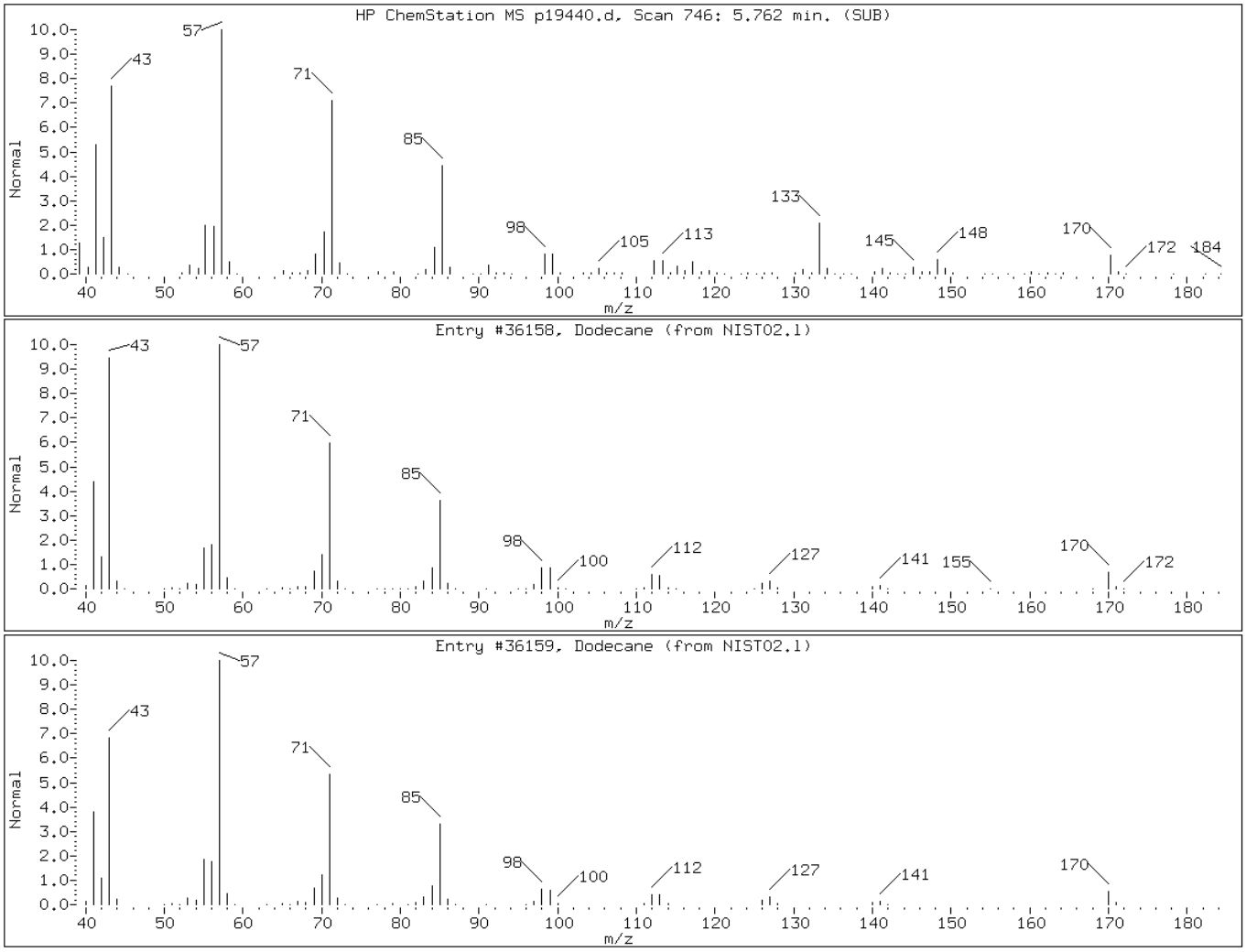
Date: 20-SEP-2011 18:03

Client ID: PMP-2-WT-S (8.0-8.5 Instrument: BNAMS10.i

Sample Info: 460-30837-F-2-C Operator: BNAMS 4

Retention Time: 5.76

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Dodecane	112-40-3	NIST02.l	36158	92	C12H26	170
Dodecane	112-40-3	NIST02.l	36159	90	C12H26	170



Data File: p19440.d

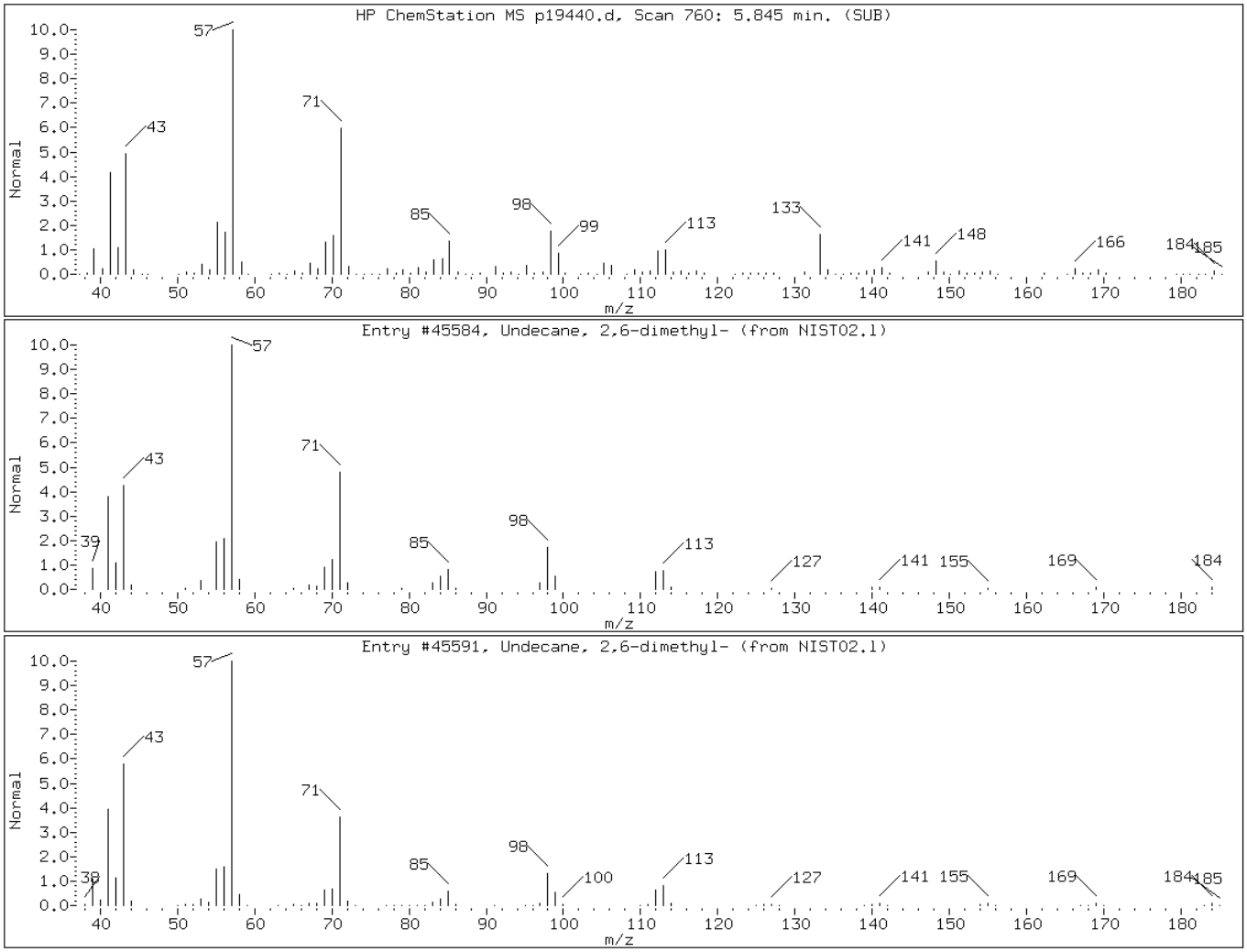
Date: 20-SEP-2011 18:03

Client ID: PMP-2-WT-S (8.0-8.5 Instrument: BNAMS10.i

Sample Info: 460-30837-F-2-C Operator: BNAMS 4

Retention Time: 5.84

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.l	45584	90	C13H28	184
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.l	45591	60	C13H28	184



Data File: p19440.d

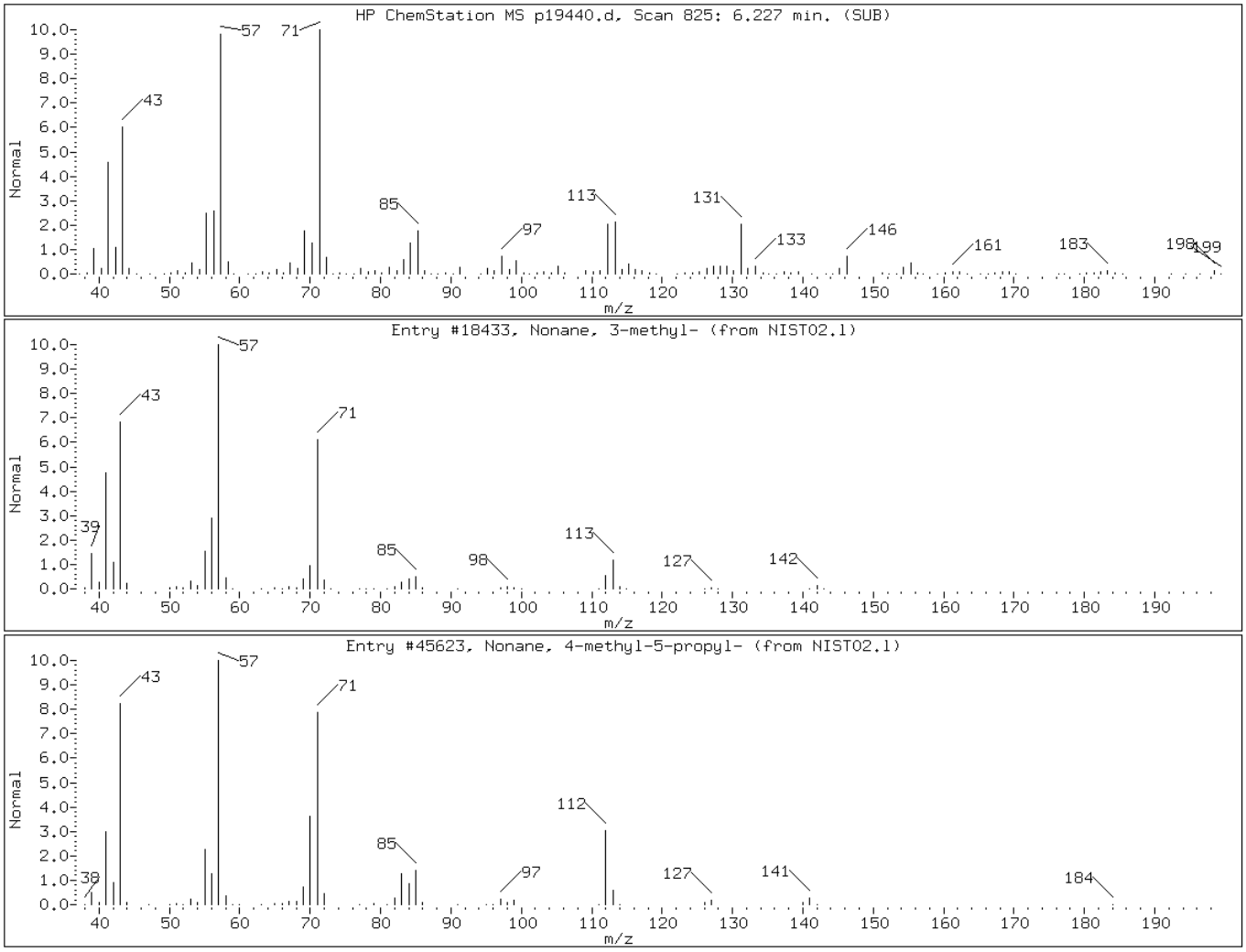
Date: 20-SEP-2011 18:03

Client ID: PMP-2-WT-S (8.0-8.5 Instrument: BNAMS10.i

Sample Info: 460-30837-F-2-C Operator: BNAMS 4

Retention Time: 6.23

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Nonane, 3-methyl-	5911-04-6	NIST02.l	18433	59	C10H22	142
Nonane, 4-methyl-5-propyl-	62185-55-1	NIST02.l	45623	52	C13H28	184



Data File: p19440.d

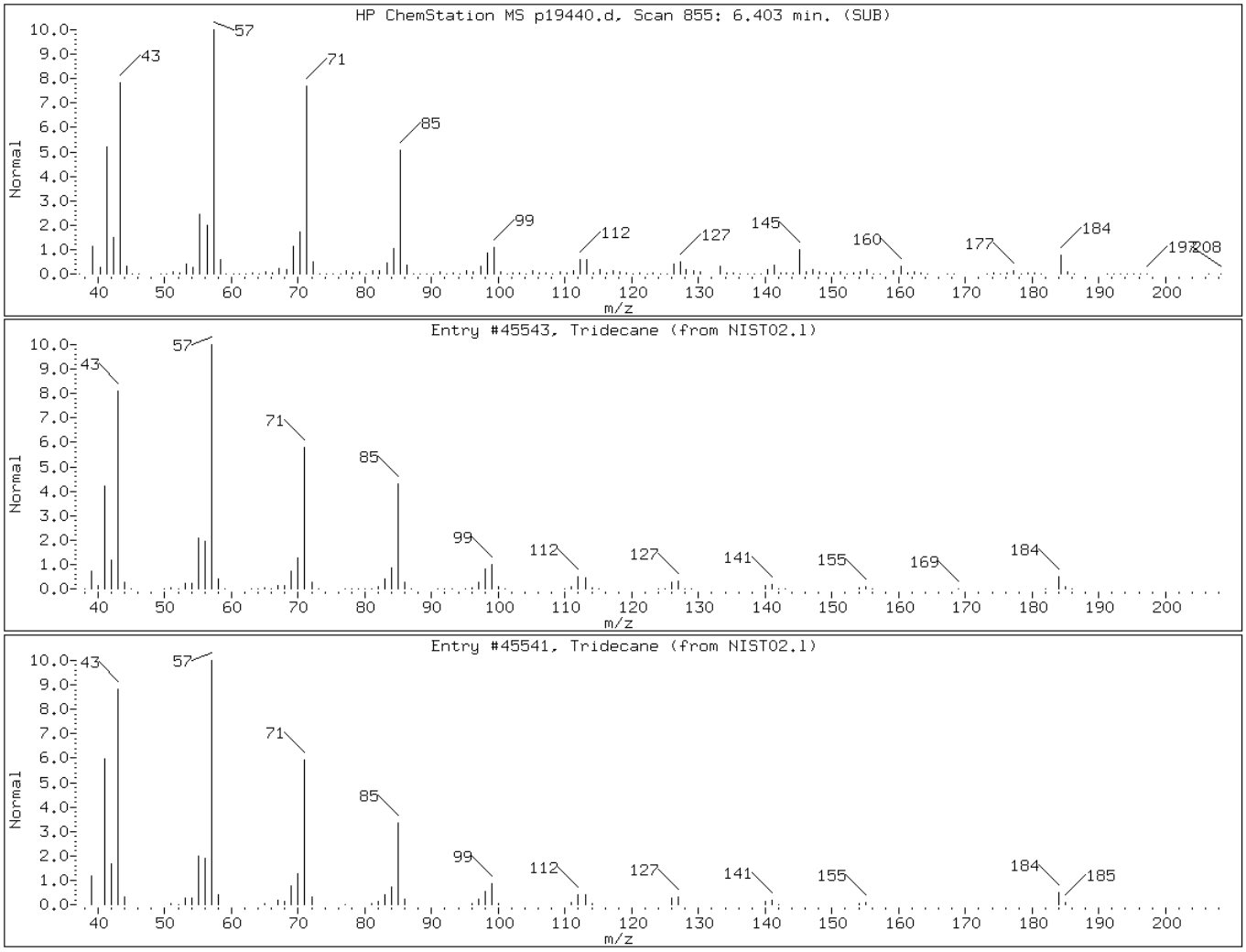
Date: 20-SEP-2011 18:03

Client ID: PMP-2-WT-S (8.0-8.5 Instrument: BNAMS10.i

Sample Info: 460-30837-F-2-C Operator: BNAMS 4

Retention Time: 6.40

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Tridecane	629-50-5	NIST02.l	45543	98	C13H28	184
Tridecane	629-50-5	NIST02.l	45541	95	C13H28	184



Data File: p19440.d

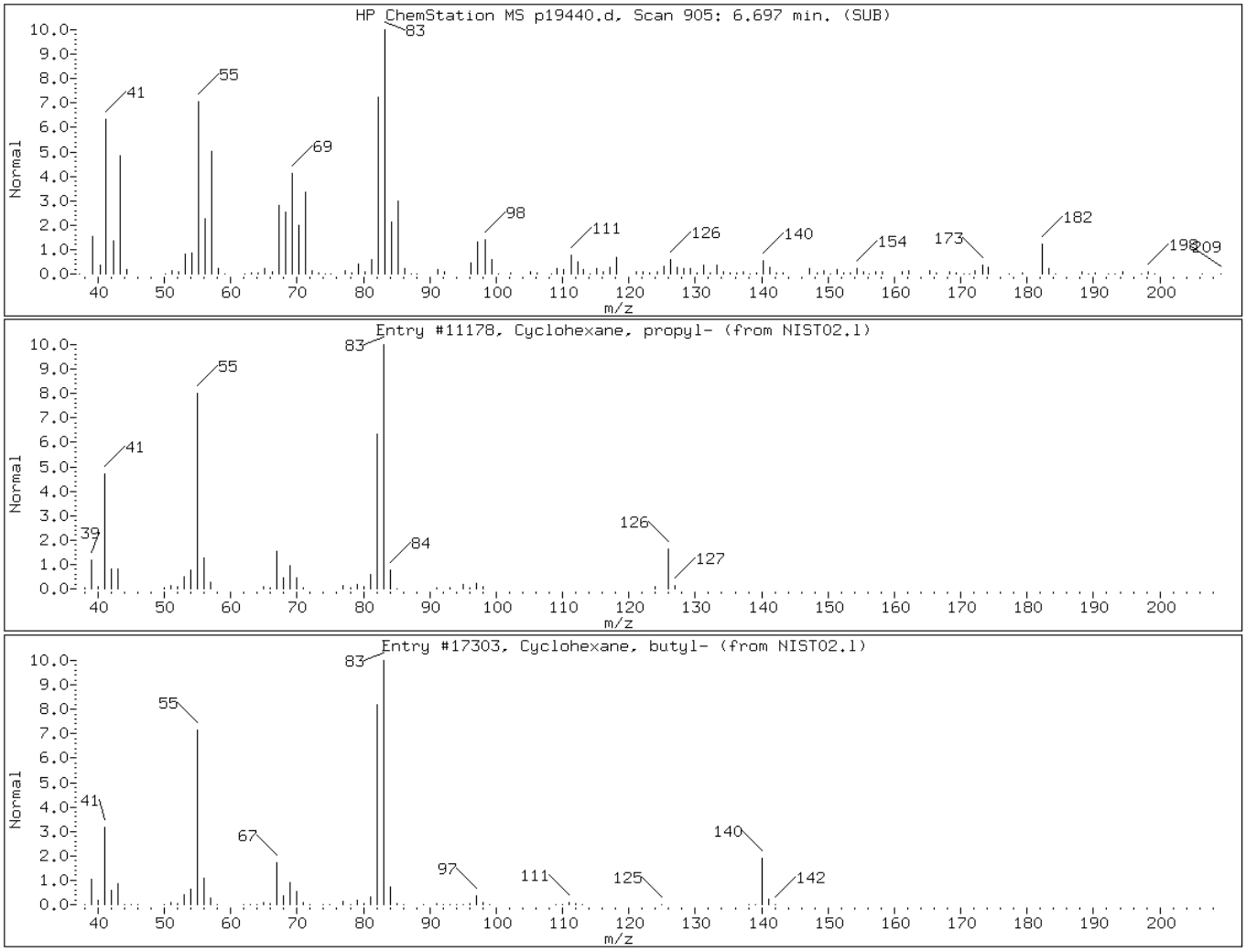
Date: 20-SEP-2011 18:03

Client ID: PMP-2-WT-S (8.0-8.5 Instrument: BNAMS10.i

Sample Info: 460-30837-F-2-C Operator: BNAMS 4

Retention Time: 6.70

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane						
Cyclohexane, propyl-	1678-92-8	NIST02.l	11178	43	C9H18	126
Cyclohexane, butyl-	1678-93-9	NIST02.l	17303	43	C10H20	140



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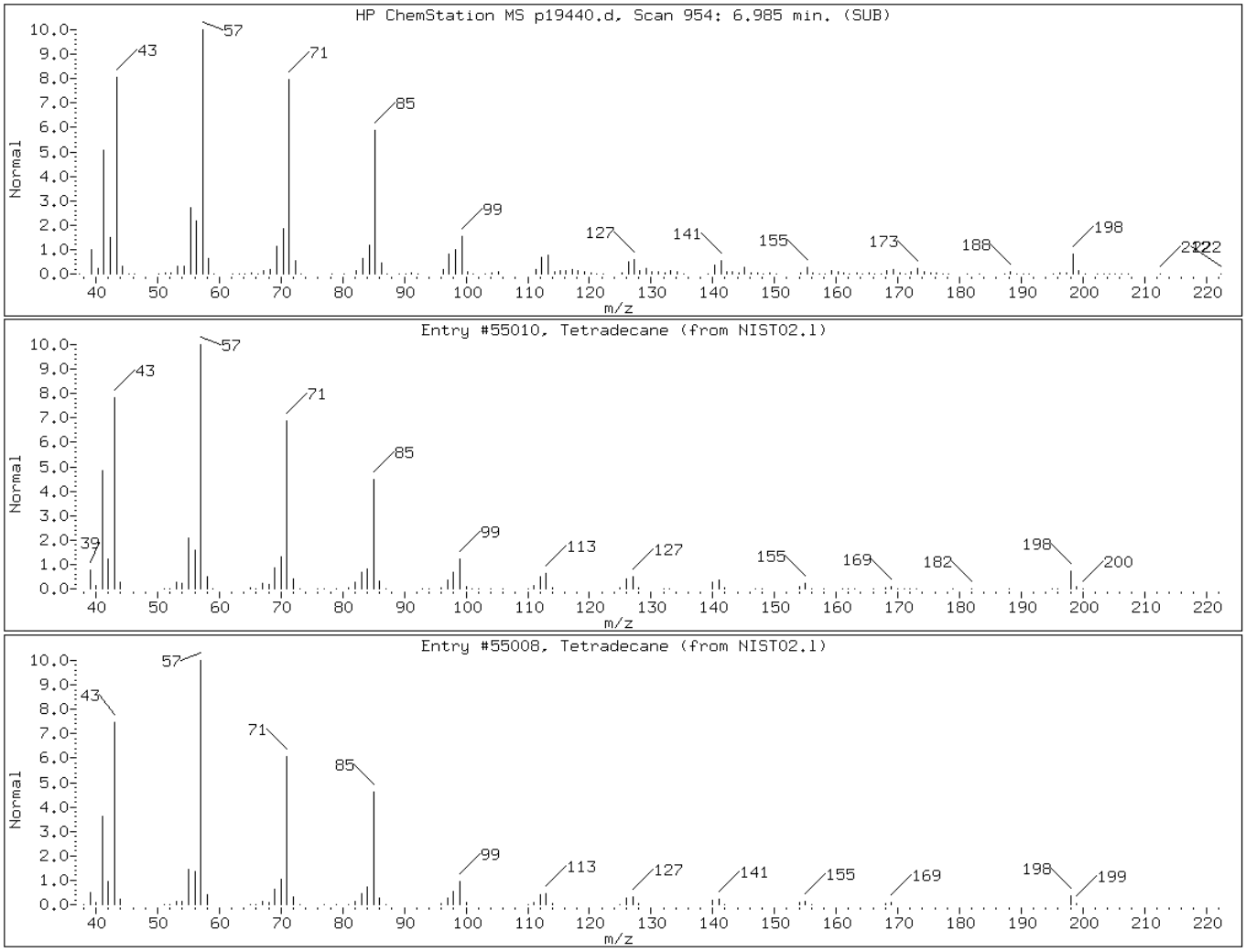
Date: 20-SEP-2011 18:03

Client ID: PMP-2-WT-S (8.0-8.5 Instrument: BNAMS10.i

Sample Info: 460-30837-F-2-C Operator: BNAMS 4

Retention Time: 6.98

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Tetradecane	629-59-4	NIST02.l	55010	98	C14H30	198
Tetradecane	629-59-4	NIST02.l	55008	97	C14H30	198



Data File: p19440.d

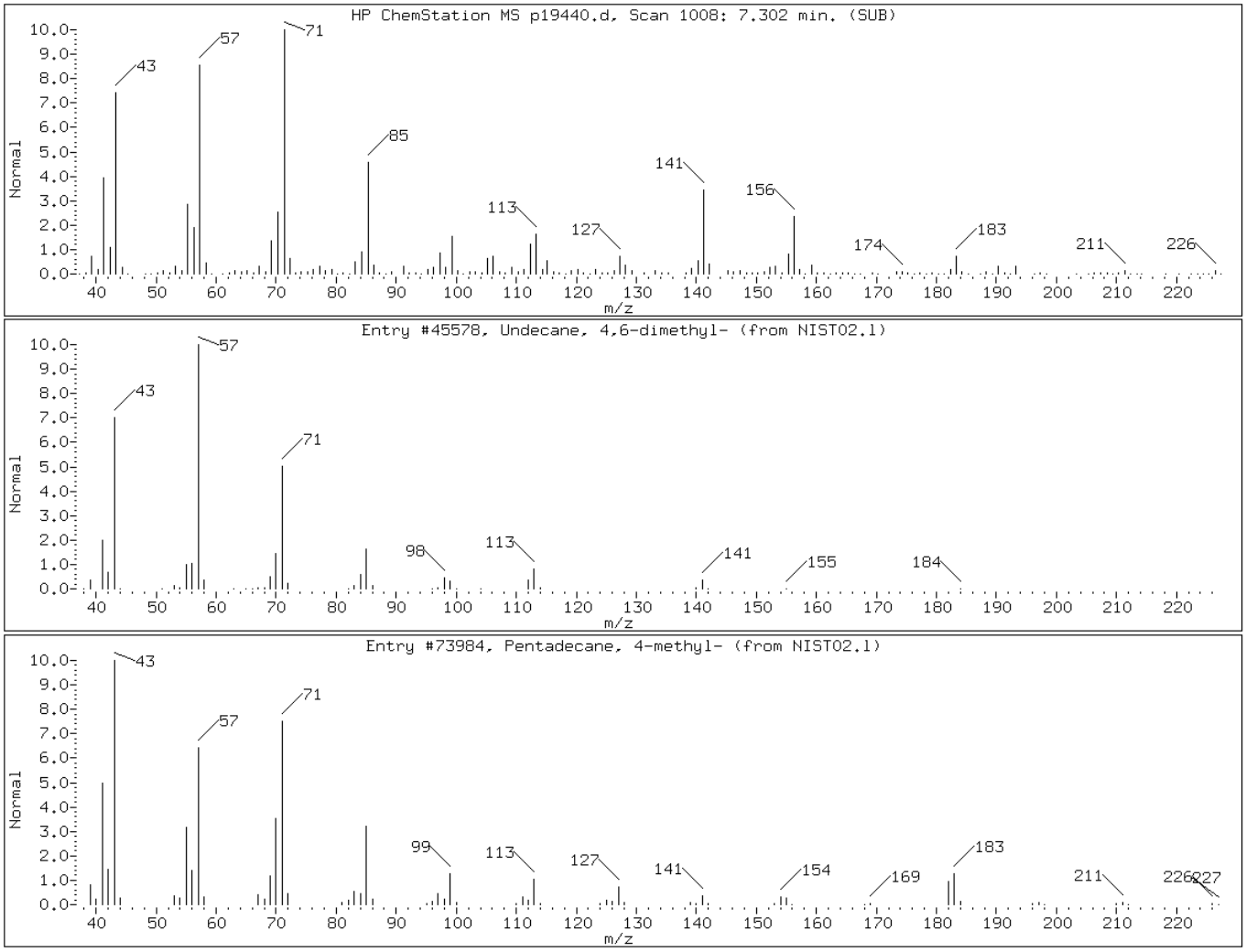
Date: 20-SEP-2011 18:03

Client ID: PMP-2-WT-S (8.0-8.5 Instrument: BNAMS10.i

Sample Info: 460-30837-F-2-C Operator: BNAMS 4

Retention Time: 7.30

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Undecane, 4,6-dimethyl-	17312-82-2	NIST02.l	45578	72	C13H28	184
Pentadecane, 4-methyl-	2801-87-8	NIST02.l	73984	70	C16H34	226



Data File: p19440.d

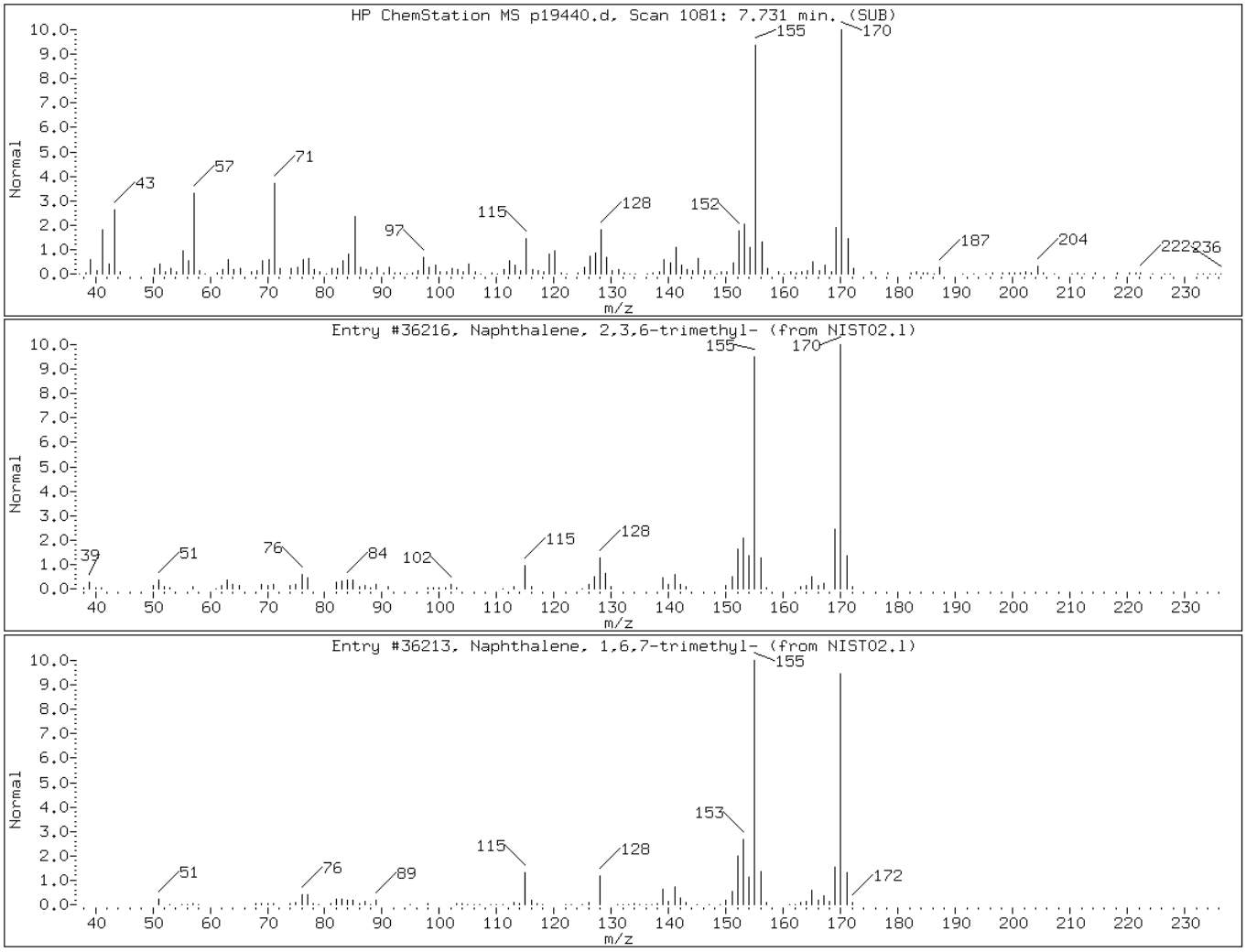
Date: 20-SEP-2011 18:03

Client ID: PMP-2-WT-S (8.0-8.5 Instrument: BNAMS10.i

Sample Info: 460-30837-F-2-C Operator: BNAMS 4

Retention Time: 7.73

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	97	C13H14	170
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.l	36213	97	C13H14	170



Data File: p19440.d

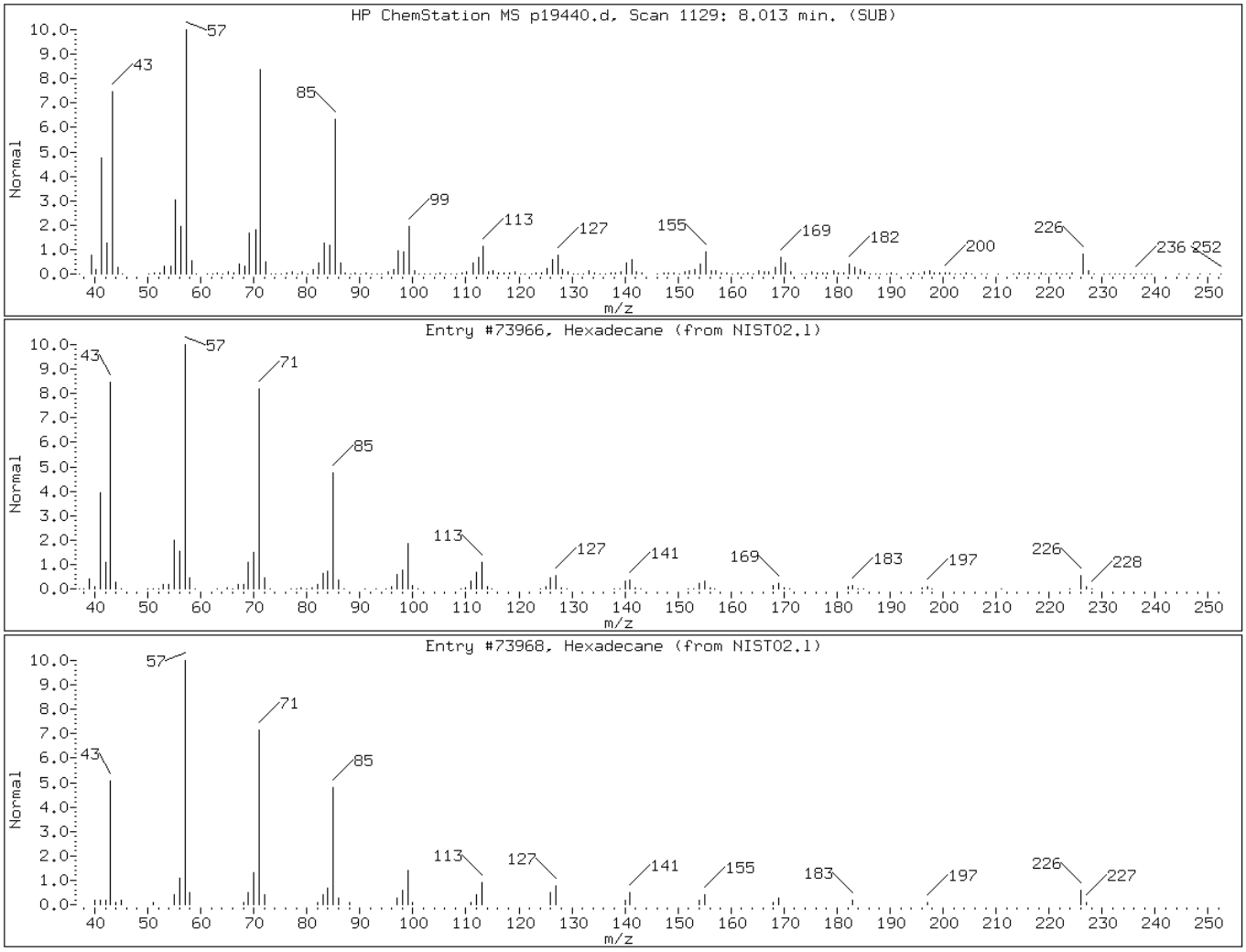
Date: 20-SEP-2011 18:03

Client ID: PMP-2-WT-S (8.0-8.5 Instrument: BNAMS10.i

Sample Info: 460-30837-F-2-C Operator: BNAMS 4

Retention Time: 8.01

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-9						
Hexadecane	544-76-3	NIST02.l	73966	98	C16H34	226
Hexadecane	544-76-3	NIST02.l	73968	96	C16H34	226



Data File: p19440.d

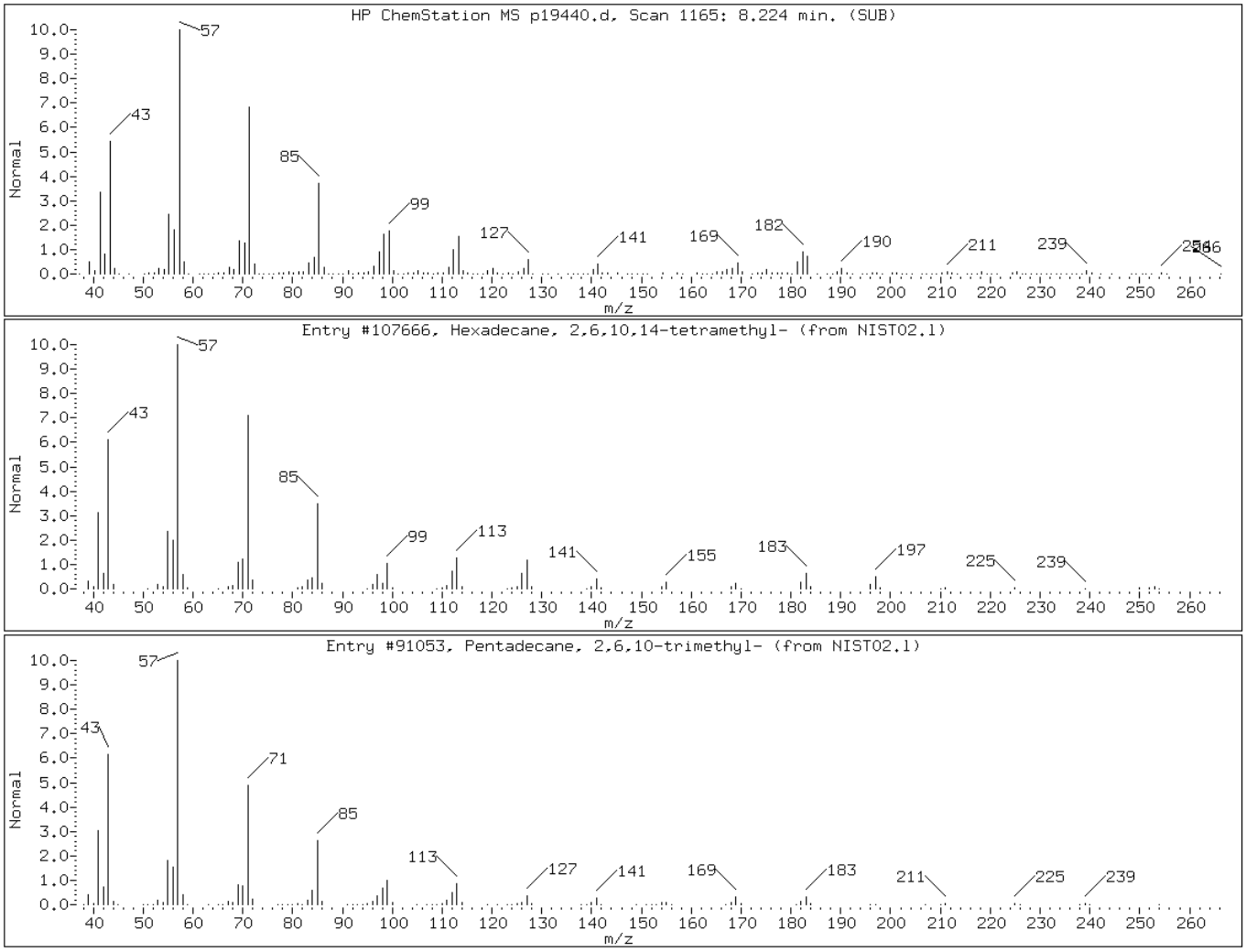
Date: 20-SEP-2011 18:03

Client ID: PMP-2-WT-S (8.0-8.5 Instrument: BNAMS10.i

Sample Info: 460-30837-F-2-C Operator: BNAMS 4

Retention Time: 8.22

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-10						
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107666	80	C20H42	282
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.l	91053	80	C18H38	254



Data File: p19440.d

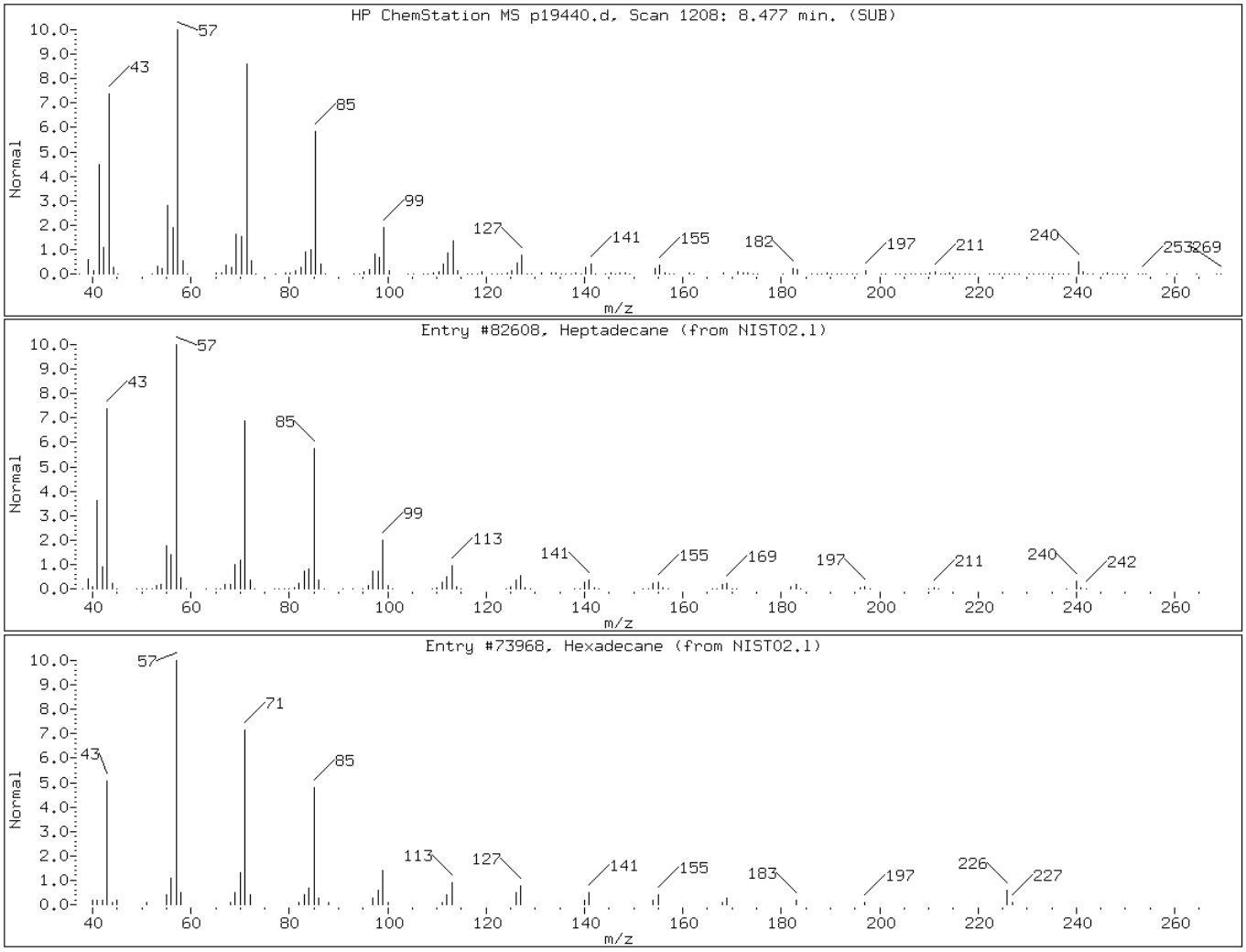
Date: 20-SEP-2011 18:03

Client ID: PMP-2-WT-S (8.0-8.5 Instrument: BNAMS10.i

Sample Info: 460-30837-F-2-C Operator: BNAMS 4

Retention Time: 8.48

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-11						
Heptadecane	629-78-7	NIST02.l	82608	98	C17H36	240
Hexadecane	544-76-3	NIST02.l	73968	95	C16H34	226



Data File: p19440.d

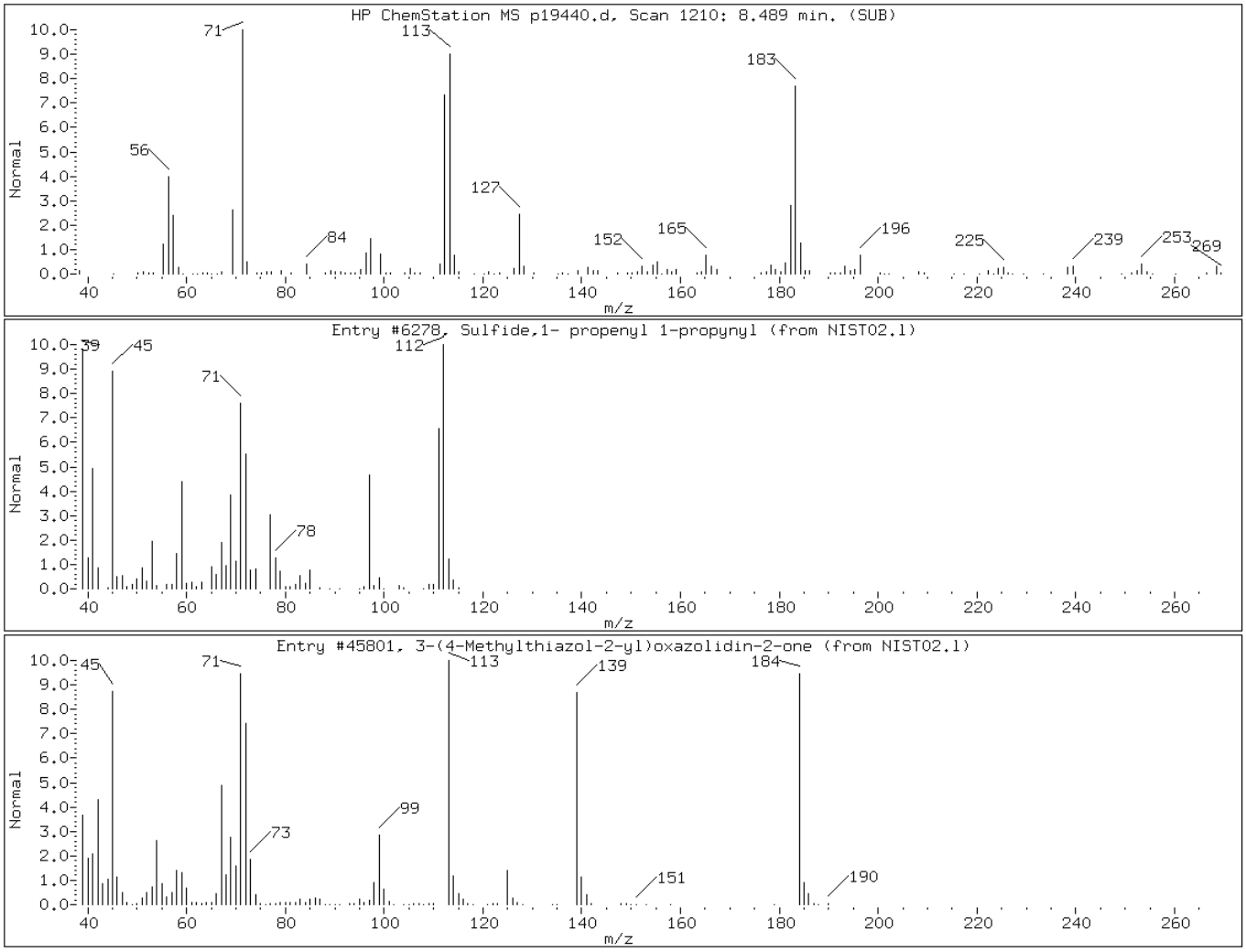
Date: 20-SEP-2011 18:03

Client ID: PMP-2-WT-S (8.0-8.5 Instrument: BNAMS10.i

Sample Info: 460-30837-F-2-C Operator: BNAMS 4

Retention Time: 8.49

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-5						
Sulfide,1- propenyl 1-propynyl	89533-93-7	NIST02.l	6278	27	C6H8S	112
3-(4-Methylthiazol-2-yl)oxazolidin	1000260-33-1	NIST02.l	45801	22	C7H8N2O2S	184



Data File: p19440.d

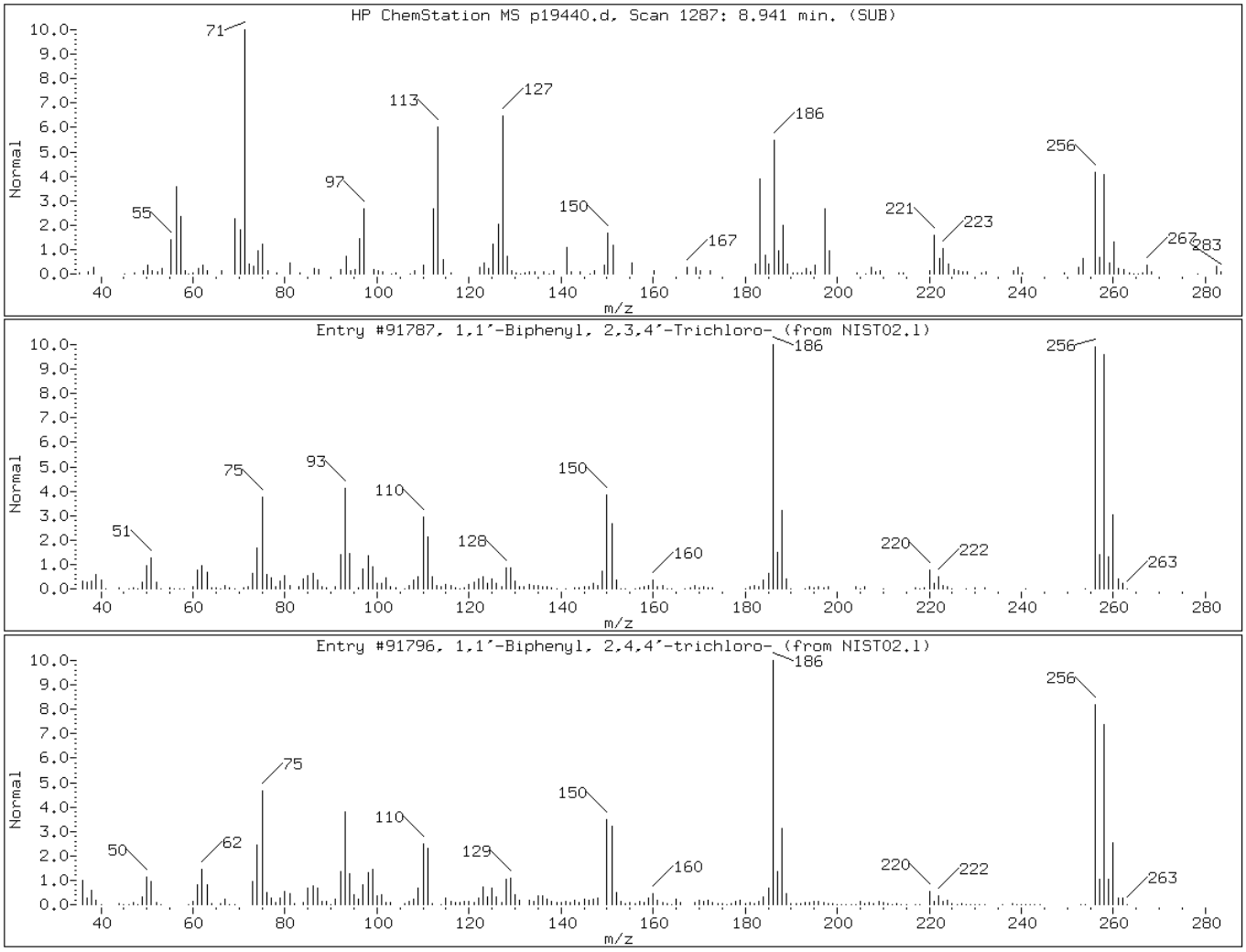
Date: 20-SEP-2011 18:03

Client ID: PMP-2-WT-S (8.0-8.5 Instrument: BNAMS10.i

Sample Info: 460-30837-F-2-C Operator: BNAMS 4

Retention Time: 8.94

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-6						
1,1'-Biphenyl, 2,3,4'-Trichloro-	38444-85-8	NIST02.l	91787	49	C12H7Cl3	256
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.l	91796	38	C12H7Cl3	256



Data File: p19440.d

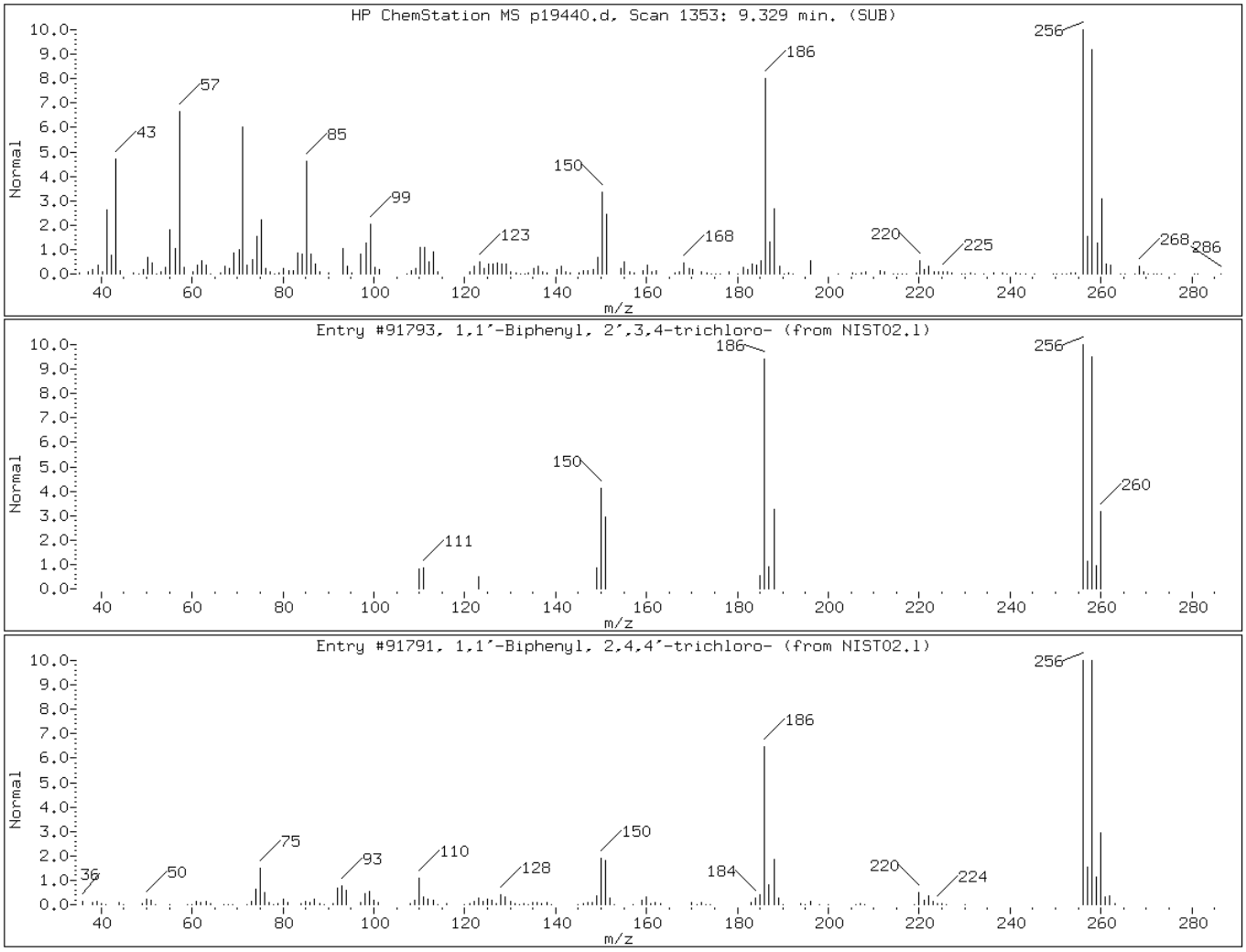
Date: 20-SEP-2011 18:03

Client ID: PMP-2-WT-S (8.0-8.5 Instrument: BNAMS10.i

Sample Info: 460-30837-F-2-C Operator: BNAMS 4

Retention Time: 9.33

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	98	C12H7Cl3	256
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.l	91791	97	C12H7Cl3	256



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-2-SI-S (10.5-11.0) | Lab Sample ID: 460-30837-3

Matrix: Solid | Lab File ID: p19379.d

Analysis Method: 8270C | Date Collected: 09/08/2011 16:25

Extract. Method: 3541 | Date Extracted: 09/16/2011 07:35

Sample wt/vol: 15.01(g) | Date Analyzed: 09/18/2011 05:17

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86671 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	780	U	780	95
95-57-8	2-Chlorophenol	780	U	780	100
95-48-7	2-Methylphenol	780	U	780	110
106-44-5	4-Methylphenol	780	U	780	130
100-52-7	Benzaldehyde	780	U	780	49
98-86-2	Acetophenone	780	U	780	120
111-44-4	Bis(2-chloroethyl)ether	78	U	78	16
108-60-1	2,2'-oxybis[1-chloropropane]	780	U	780	100
621-64-7	N-Nitrosodi-n-propylamine	78	U	78	10
98-95-3	Nitrobenzene	78	U	78	17
67-72-1	Hexachloroethane	78	U	78	13
78-59-1	Isophorone	780	U	780	90
88-75-5	2-Nitrophenol	780	U	780	130
105-67-9	2,4-Dimethylphenol	780	U	780	120
120-83-2	2,4-Dichlorophenol	780	U	780	120
111-91-1	Bis(2-chloroethoxy)methane	780	U	780	110
91-20-3	Naphthalene	3700		780	110
106-47-8	4-Chloroaniline	780	U	780	98
87-68-3	Hexachlorobutadiene	160	U	160	32
105-60-2	Caprolactam	780	U	780	110
59-50-7	4-Chloro-3-methylphenol	780	U	780	130
91-57-6	2-Methylnaphthalene	15000		780	110
118-74-1	Hexachlorobenzene	78	U	78	11
77-47-4	Hexachlorocyclopentadiene	780	U	780	230
88-06-2	2,4,6-Trichlorophenol	780	U	780	140
95-95-4	2,4,5-Trichlorophenol	780	U	780	150
92-52-4	Diphenyl	720	J	780	130
91-58-7	2-Chloronaphthalene	780	U	780	110
88-74-4	2-Nitroaniline	1600	U	1600	210
606-20-2	2,6-Dinitrotoluene	160	U	160	20
131-11-3	Dimethyl phthalate	780	U	780	110
208-96-8	Acenaphthylene	780	U	780	110
99-09-2	3-Nitroaniline	1600	U	1600	180
83-32-9	Acenaphthene	830		780	110

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-2-SI-S (10.5-11.0) | Lab Sample ID: 460-30837-3

Matrix: Solid | Lab File ID: p19379.d

Analysis Method: 8270C | Date Collected: 09/08/2011 16:25

Extract. Method: 3541 | Date Extracted: 09/16/2011 07:35

Sample wt/vol: 15.01(g) | Date Analyzed: 09/18/2011 05:17

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86671 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	2400	U	2400	200
51-28-5	2,4-Dinitrophenol	2400	U	2400	170
132-64-9	Dibenzofuran	780	U	780	120
84-66-2	Diethyl phthalate	780	U	780	100
86-73-7	Fluorene	780		780	130
206-44-0	Fluoranthene	780	U	780	130
84-74-2	Di-n-butyl phthalate	780	U	780	120
121-14-2	2,4-Dinitrotoluene	160	U	160	23
7005-72-3	4-Chlorophenyl phenyl ether	780	U	780	130
100-01-6	4-Nitroaniline	1600	U	1600	160
534-52-1	4,6-Dinitro-2-methylphenol	2400	U	2400	370
101-55-3	4-Bromophenyl phenyl ether	780	U	780	140
1912-24-9	Atrazine	780	U	780	150
120-12-7	Anthracene	780	U	780	140
86-74-8	Carbazole	780	U	780	120
85-01-8	Phenanthrene	2300		780	140
87-86-5	Pentachlorophenol	2400	U	2400	380
129-00-0	Pyrene	780	U	780	130
218-01-9	Chrysene	780	U	780	110
207-08-9	Benzo[k]fluoranthene	78	U	78	11
191-24-2	Benzo[g,h,i]perylene	780	U	780	82
205-99-2	Benzo[b]fluoranthene	78	U	78	12
50-32-8	Benzo[a]pyrene	78	U	78	9.6
56-55-3	Benzo[a]anthracene	78	U	78	14
86-30-6	N-Nitrosodiphenylamine	780	U	780	130
85-68-7	Butyl benzyl phthalate	780	U	780	91
117-81-7	Bis(2-ethylhexyl) phthalate	780	U	780	100
117-84-0	Di-n-octyl phthalate	780	U	780	93
193-39-5	Indeno[1,2,3-cd]pyrene	78	U	78	12
53-70-3	Dibenz(a,h)anthracene	78	U	78	9.4
91-94-1	3,3'-Dichlorobenzidine	1600	U	1600	170
95-94-3	1,2,4,5-Tetrachlorobenzene	780	U	780	100
58-90-2	2,3,4,6-Tetrachlorophenol	780	U	780	160

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-2-SI-S (10.5-11.0) Lab Sample ID: 460-30837-3

Matrix: Solid Lab File ID: p19379.d

Analysis Method: 8270C Date Collected: 09/08/2011 16:25

Extract. Method: 3541 Date Extracted: 09/16/2011 07:35

Sample wt/vol: 15.01(g) Date Analyzed: 09/18/2011 05:17

Con. Extract Vol.: 1(mL) Dilution Factor: 2

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 15.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86671 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	97		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	62		10-120
367-12-4	2-Fluorophenol	86		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.: 460-30837-1

SDG No.:

Client Sample ID: PMP-2-SI-S (10.5-11.0) | Lab Sample ID: 460-30837-3

Matrix: Solid | Lab File ID: p19379.d

Analysis Method: 8270C | Date Collected: 09/08/2011 16:25

Extract. Method: 3541 | Date Extracted: 09/16/2011 07:35

Sample wt/vol: 15.01(g) | Date Analyzed: 09/18/2011 05:17

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86671 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 270200

CAS NO.	COMPOUND NAME	RT	RESULT	Q
124-18-5	n-Decane	4.31	5100	
	Unknown Alkane-1	5.15	6100	J
	Ethyldimethylbenzene isomer	5.56	4700	J
	Unknown Alkane-2	5.86	12000	J
	Unknown Alkane-4	6.32	8200	J
	Unknown Alkane-5	6.50	9000	J
90-12-0	1-Methylnaphthalene	6.67	8300	
	Unknown Alkane-6	7.08	9100	J
	Dimethylnaphthalene isomer	7.21	4700	J
575-41-7	1,3-Dimethylnaphthalene	7.28	13000	
	Unknown Alkane-7	7.40	13000	J
	Unknown Alkane-8	7.61	40000	J
	Trimethylnaphthalene isomer-1	7.83	12000	J
	Trimethylnaphthalene isomer-2	8.03	10000	J
	Unknown Alkane-9	8.09	20000	J
	Unknown Alkane-10	8.32	20000	J
	Unknown Alkane-11	8.58	37000	J
593-45-3	n-Octadecane	9.00	11000	
	Trichloro-1,1-biphenyl isomer-1	9.03	15000	J
	Trichloro-1,1-biphenyl isomer-2	9.42	12000	J

Data File: /chem/BNAMS10.i/8270/09-17-11/18sep11.b/p19379.d
Report Date: 20-Sep-2011 13:41

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/09-17-11/18sep11.b/p19379.d
Lab Smp Id: 460-30837-F-3-C Client Smp ID: PMP-2-SI-S (10.5-11
Inj Date : 18-SEP-2011 05:17
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-30837-F-3-C
Misc Info : 460-30837-F-3-C
Comment   :
Method   : /chem/BNAMS10.i/8270/09-17-11/18sep11.b/8270C_08SP.m
Meth Date : 18-Sep-2011 06:59 asfawa Quant Type: ISTD
Cal Date : 17-SEP-2011 05:31 Cal File: p19351.d
Als bottle: 8
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	15.19231	% 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	3.030	(0.689)	632711	43.0616	6800
$	17 Phenol-d5 (SUR)	99	4.070	4.070	(0.913)	696522	38.1063	6000
	113 n-decane	43	4.311	4.305	(0.967)	409594	32.6129	5100
	21 1,3-Dichlorobenzene	146	4.399	4.393	(0.987)	54950	2.92396	460(a)
*	79 1,4-Dichlorobenzene-d4	152	4.458	4.452	(1.000)	476759	40.0000	
	22 1,4-Dichlorobenzene	146	4.476	4.470	(1.004)	206402	10.8033	1700
	23 1,2-Dichlorobenzene	146	4.640	4.640	(1.041)	92206	5.29834	830
$	76 Nitrobenzene-d5 (SUR)	82	5.051	5.057	(0.868)	396525	24.3597	3800
	30 1,2,4-Trichlorobenzene	180	5.768	5.762	(0.991)	207195	15.6443	2400
*	80 Naphthalene-d8	136	5.821	5.815	(1.000)	1387427	40.0000	
	31 Naphthalene	128	5.845	5.839	(1.004)	848773	23.7161	3700
	34 2-Methylnaphthalene	142	6.567	6.561	(1.128)	2264072	95.4401	15000
	120 1-Methylnaphthalene	142	6.667	6.661	(1.145)	1280197	52.7723	8300

Data File: /chem/BNAMS10.i/8270/09-17-11/18sep11.b/p19379.d
Report Date: 20-Sep-2011 13:41

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 77 2-Fluorobiphenyl (SUR)	172	6.943	6.943	(0.912)	514513	20.7391	3200
102 Diphenyl	154	7.043	7.037	(0.925)	124149	4.59942	720(a)
125 1,3-Dimethylnaphthalene	156	7.284	7.278	(0.957)	1479952	83.4564	13000
* 82 Acenaphthene-d10	164	7.613	7.607	(1.000)	720154	40.0000	
42 Acenaphthene	154	7.648	7.642	(1.005)	101960	5.25510	820
47 Fluorene	166	8.160	8.154	(1.072)	114068	4.95020	780(a)
$ 18 2,4,6-Tribromophenol (SUR)	330	8.395	8.395	(1.103)	101252	31.0951	4900
115 n-Octadecane	57	9.000	8.994	(0.991)	525383	72.9591	11000
* 83 Phenanthrene-d10	188	9.082	9.076	(1.000)	704536	40.0000	
52 Phenanthrene	178	9.100	9.100	(1.002)	292034	14.9384	2300
56 Fluoranthene	202	10.263	10.263	(1.130)	5197	0.27301	43(a)
57 Pyrene	202	10.480	10.486	(0.890)	10930	0.65644	100(a)
$ 78 Terphenyl-d14	244	10.645	10.645	(0.904)	215562	18.6480	2900
* 81 Chrysene-d12	240	11.779	11.785	(1.000)	429730	40.0000	
* 84 Perylene-d12	264	13.636	13.641	(1.000)	433367	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS10.i/8270/09-17-11/18sep11.b/p19379.d
Report Date: 20-Sep-2011 13:41

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/09-17-11/18sep11.b/p19379.d
Lab Smp Id: 460-30837-F-3-C Client Smp ID: PMP-2-SI-S (10.5-11
Inj Date : 18-SEP-2011 05:17
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-30837-F-3-C
Misc Info : 460-30837-F-3-C
Comment   :
Method   : /chem/BNAMS10.i/8270/09-17-11/18sep11.b/8270C_08SP.m
Meth Date : 18-Sep-2011 06:59 asfawa Quant Type: ISTD
Cal Date : 17-SEP-2011 05:31 Cal File: p19351.d
Als bottle: 8
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	15.19231	% Moisture

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 80 Naphthalene-d8	5.821	9510113	40.000
* 83 Phenanthrene-d10	9.082	2882757	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane-1					CAS #:		
5.145	9275580	39.0135384	6100	0		0	80

Data File: /chem/BNAMS10.i/8270/09-17-11/18sep11.b/p19379.d
Report Date: 20-Sep-2011 13:41

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown-1				CAS #:			
5.451	4912970	20.6641912	3200	0		0	80(L)
Ethyldimethylbenzene isomer				CAS #:			
5.563	7090607	29.8234365	4700	0		0	80(L)
Unknown Alkane-2				CAS #:			
5.862	17820732	74.9548659	12000	0		0	80
Unknown Alkane-3				CAS #:			
5.944	6309726	26.5390122	4200	0		0	80
Unknown Alkane-4				CAS #:			
6.320	12421881	52.2470364	8200	0		0	80
Unknown Alkane-5				CAS #:			
6.497	13686439	57.5658272	9000	0		0	80
Unknown Cycloalkane				CAS #:			
6.796	5711050	24.0209528	3800	0		0	80
Unknown Alkane-6				CAS #:			
7.078	13703169	57.6361924	9000	0		0	80
Dimethylnaphthalene isomer				CAS #:			
7.208	7115932	29.9299540	4700	0		0	80
Unknown-2				CAS #:			
7.308	6398888	26.9140353	4200	0		0	80
Unknown Alkane-7				CAS #:			
7.396	19558339	82.2633258	13000	0		0	80
Unknown Alkane-8				CAS #:			
7.607	18471351	256.301151	40000	0		0	83
Trimethylnaphthalene isomer-1				CAS #:			
7.831	5657394	78.4997576	12000	0		0	83
Trimethylnaphthalene isomer-2				CAS #:			
8.030	4702316	65.2474793	10000	0		0	83
Unknown Alkane-9				CAS #:			
8.095	9159216	127.089648	20000	0		0	83

Data File: /chem/BNAMS10.i/8270/09-17-11/18sep11.b/p19379.d
Report Date: 20-Sep-2011 13:41

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane-10					CAS #:		
8.318	9262602	128.524200	20000	0		0	83
Unknown Alkane-11					CAS #:		
8.583	16901192	234.514236	37000	0		0	83
Trichloro-1,1-biphenyl isomer-1					CAS #:		
9.029	6954925	96.5037769	15000	0		0	83
Trichloro-1,1-biphenyl isomer-2					CAS #:		
9.423	5549275	76.9995445	12000	0		0	83

QC Flag Legend

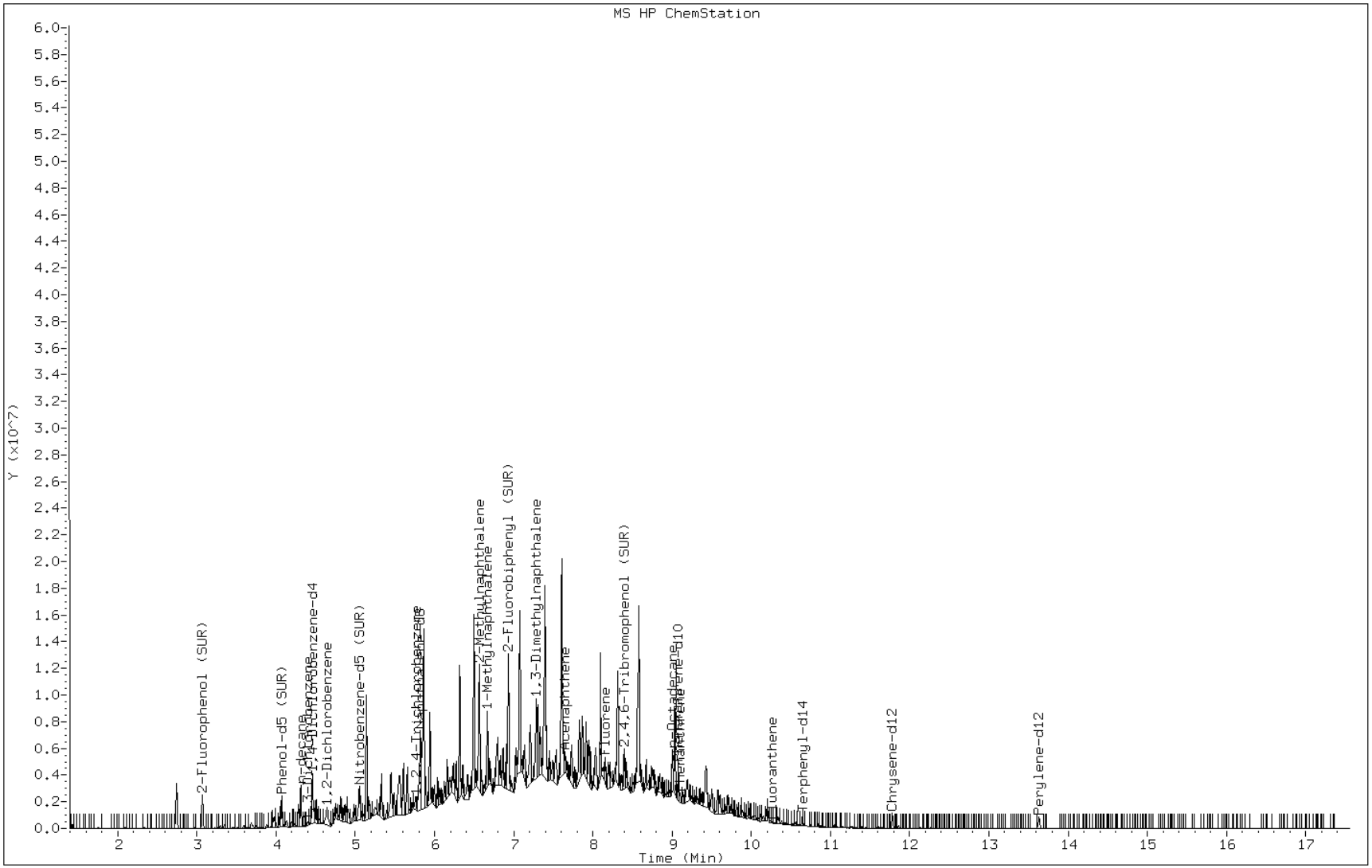
L - Operator selected an alternate library search match.

Data File: p19379.d

Date: 18-SEP-2011 05:17

Client ID: PMP-2-SI-S (10.5-11 Instrument: BNAMS10.i

Sample Info: 460-30837-F-3-C Operator: BNAMS 4



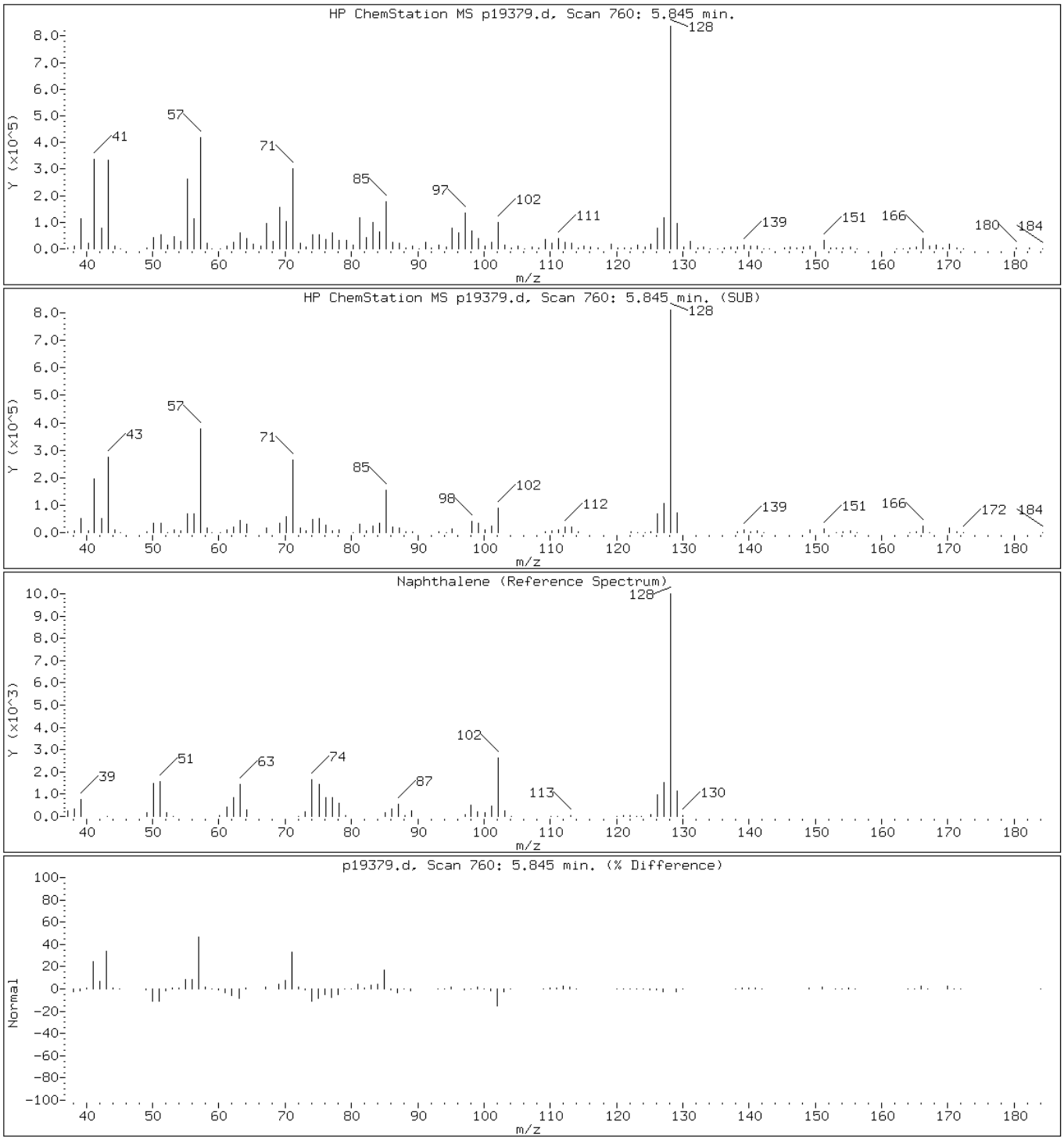
Data File: p19379.d

Date: 18-SEP-2011 05:17

Client ID: PMP-2-SI-S (10.5-11 Instrument: BNAMS10.i

Sample Info: 460-30837-F-3-C Operator: BNAMS 4

31 Naphthalene



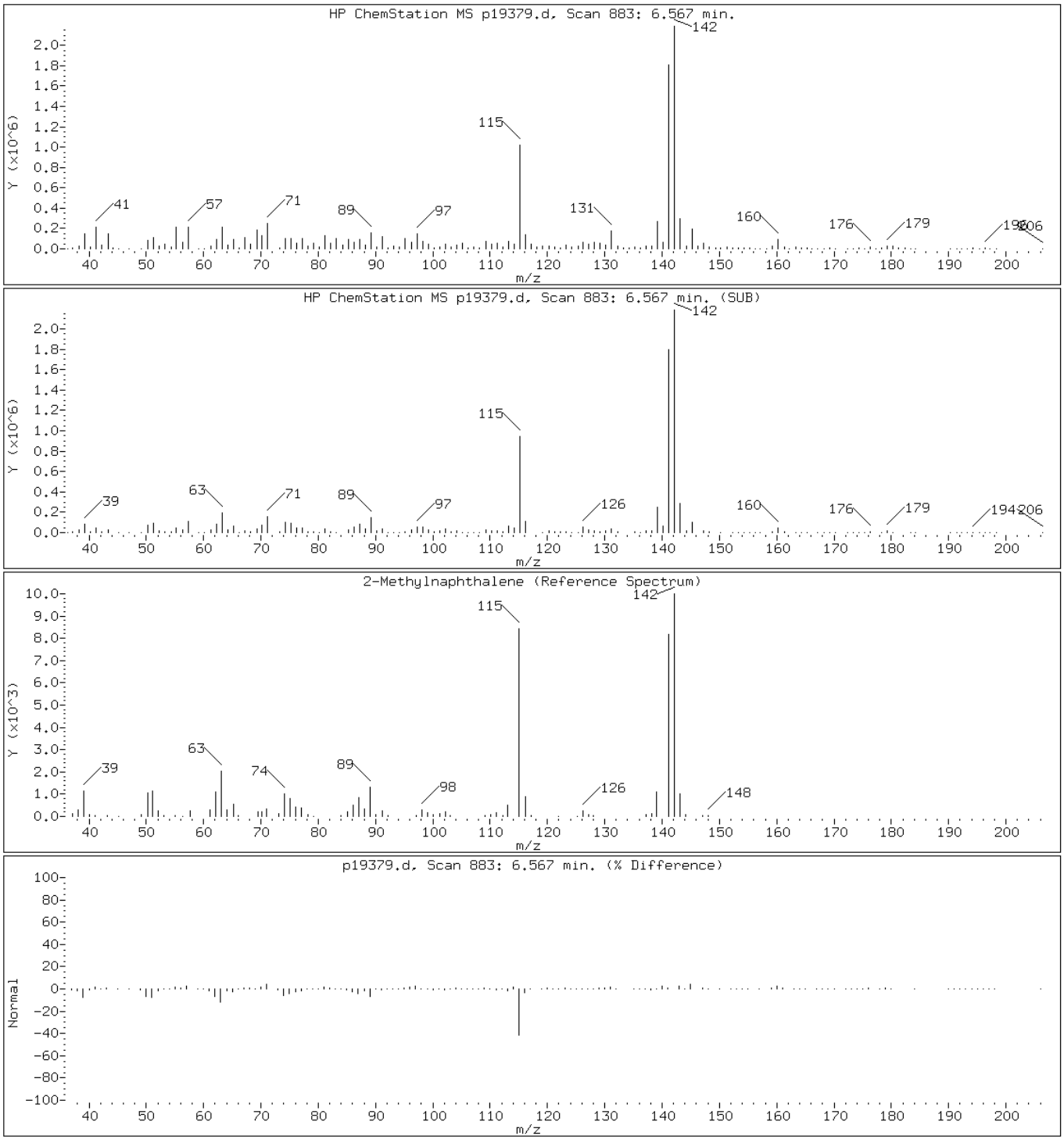
Data File: p19379.d

Date: 18-SEP-2011 05:17

Client ID: PMP-2-SI-S (10.5-11 Instrument: BNAMS10.i

Sample Info: 460-30837-F-3-C Operator: BNAMS 4

34 2-Methylnaphthalene



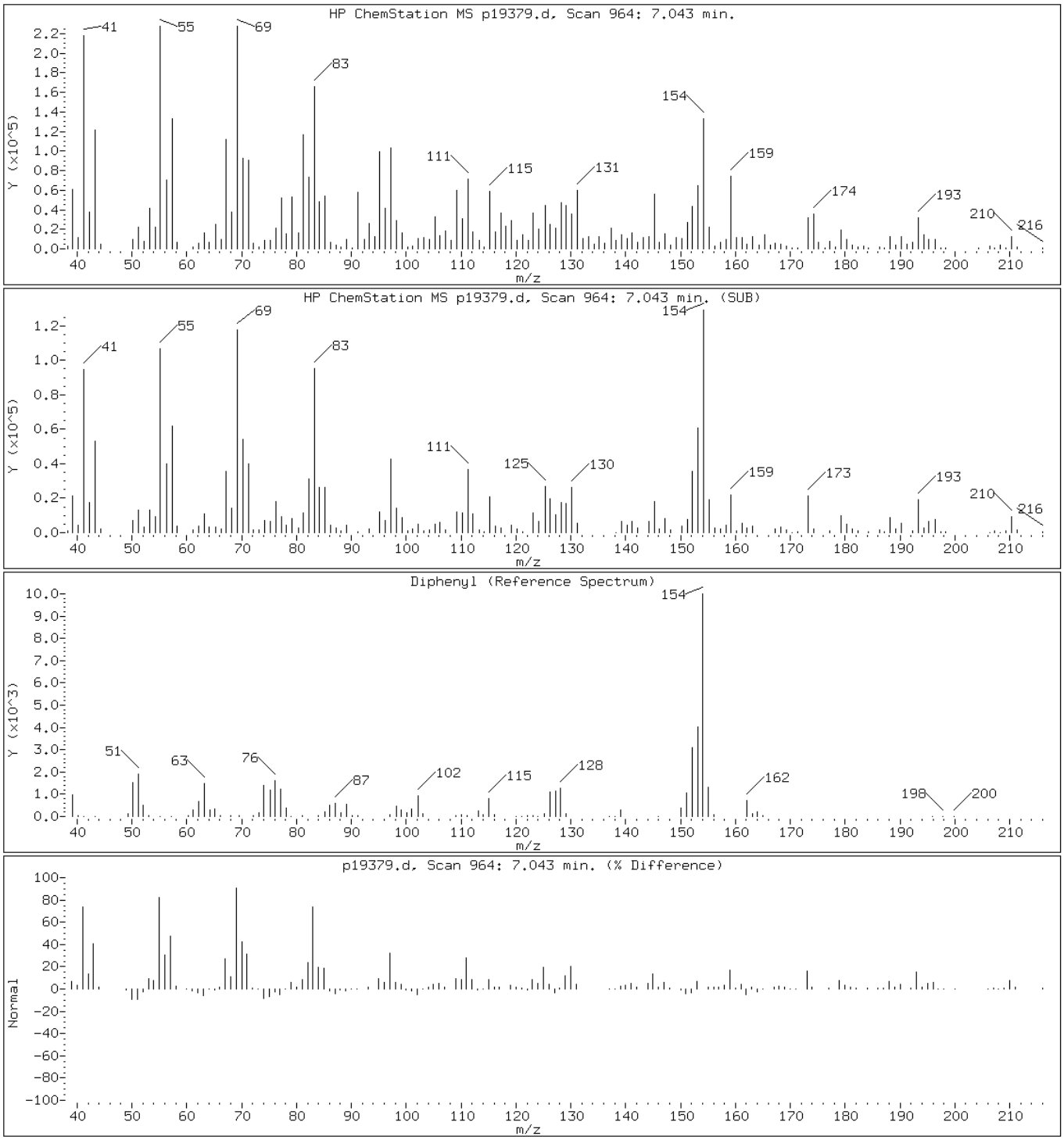
Data File: p19379.d

Date: 18-SEP-2011 05:17

Client ID: PMP-2-SI-S (10.5-11 Instrument: BNAMS10.i

Sample Info: 460-30837-F-3-C Operator: BNAMS 4

102 Diphenyl



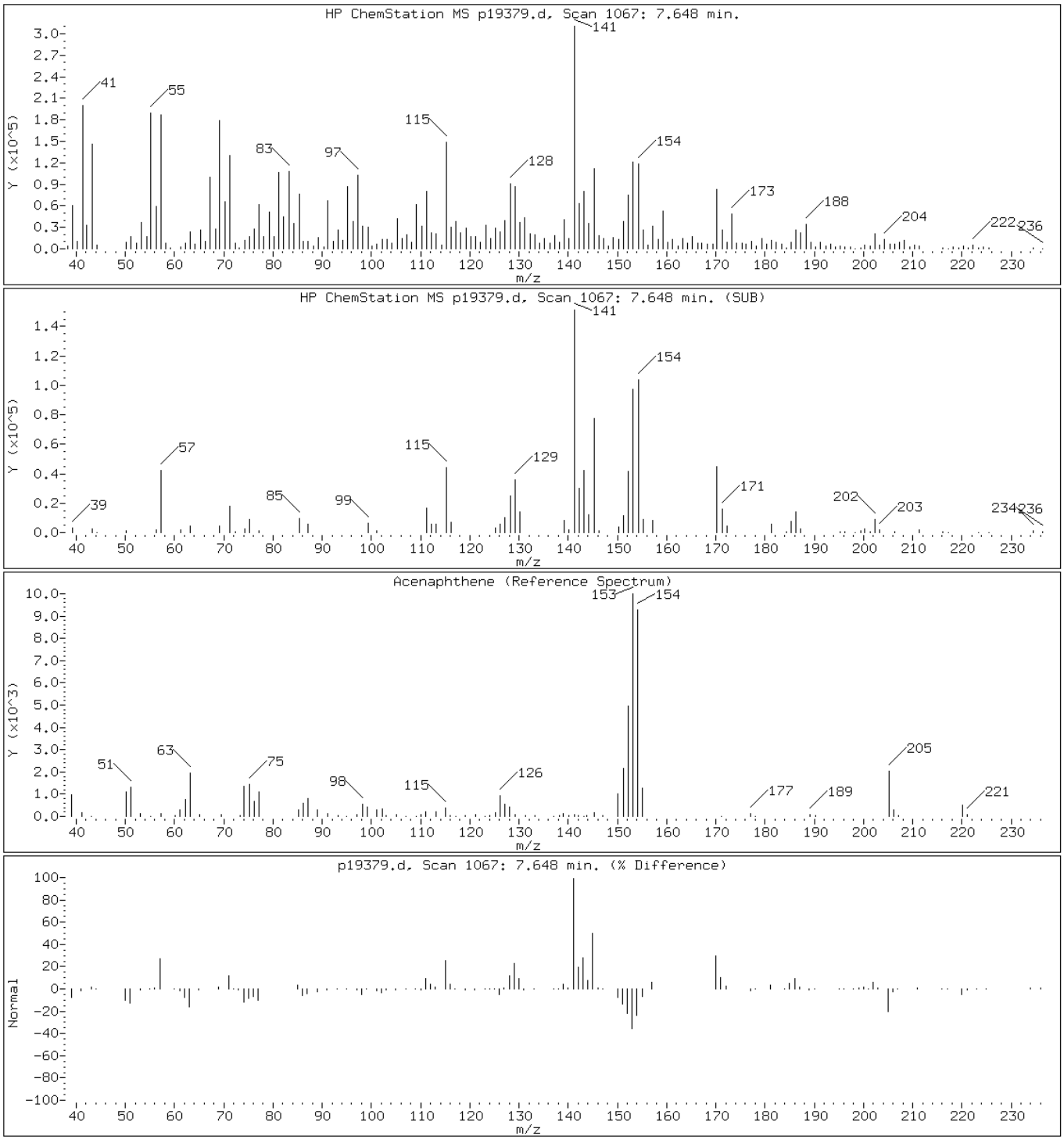
Data File: p19379.d

Date: 18-SEP-2011 05:17

Client ID: PMP-2-SI-S (10.5-11 Instrument: BNAMS10.i

Sample Info: 460-30837-F-3-C Operator: BNAMS 4

42 Acenaphthene



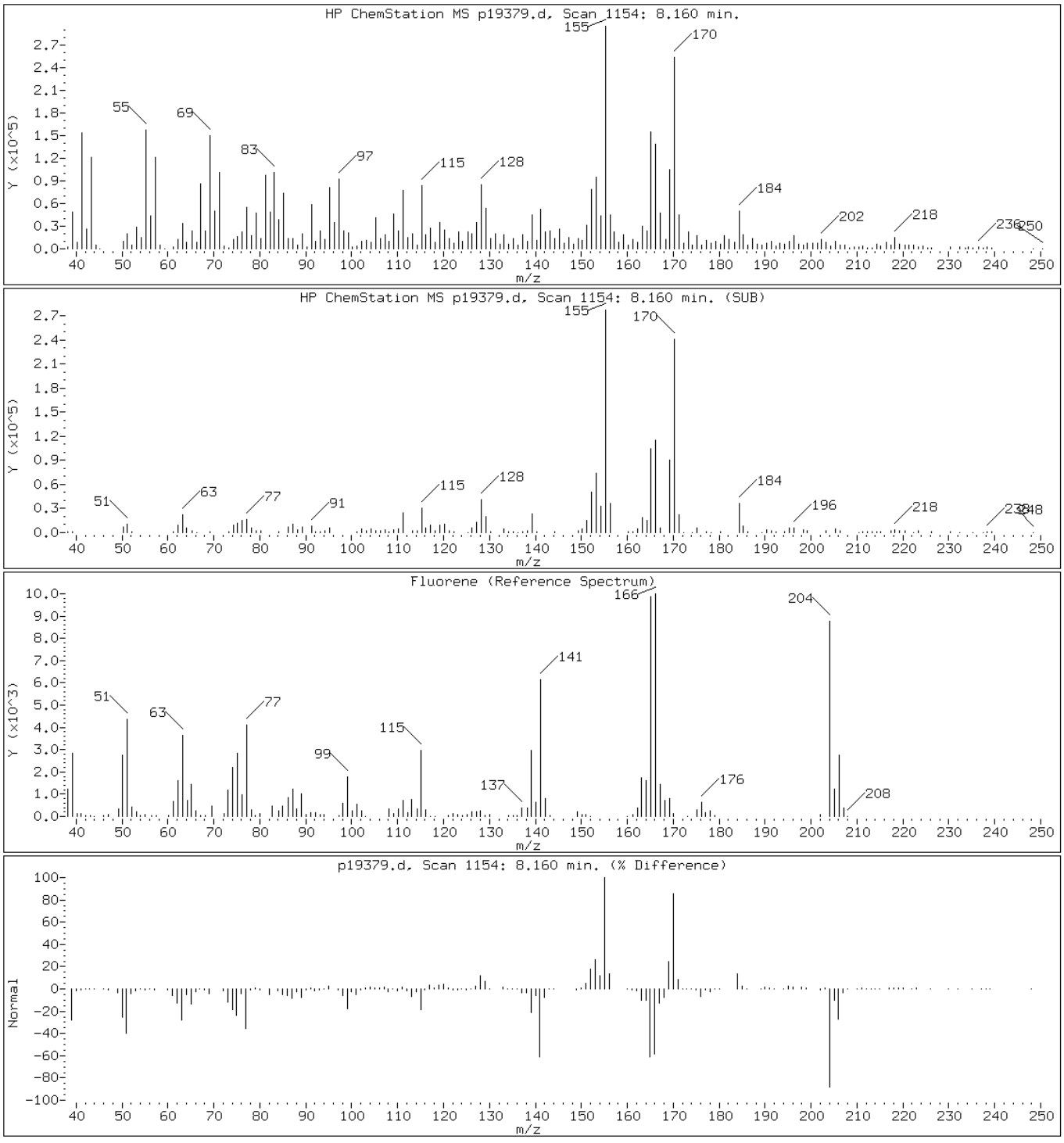
Data File: p19379.d

Date: 18-SEP-2011 05:17

Client ID: PMP-2-SI-S (10.5-11 Instrument: BNAMS10.i

Sample Info: 460-30837-F-3-C Operator: BNAMS 4

47 Fluorene



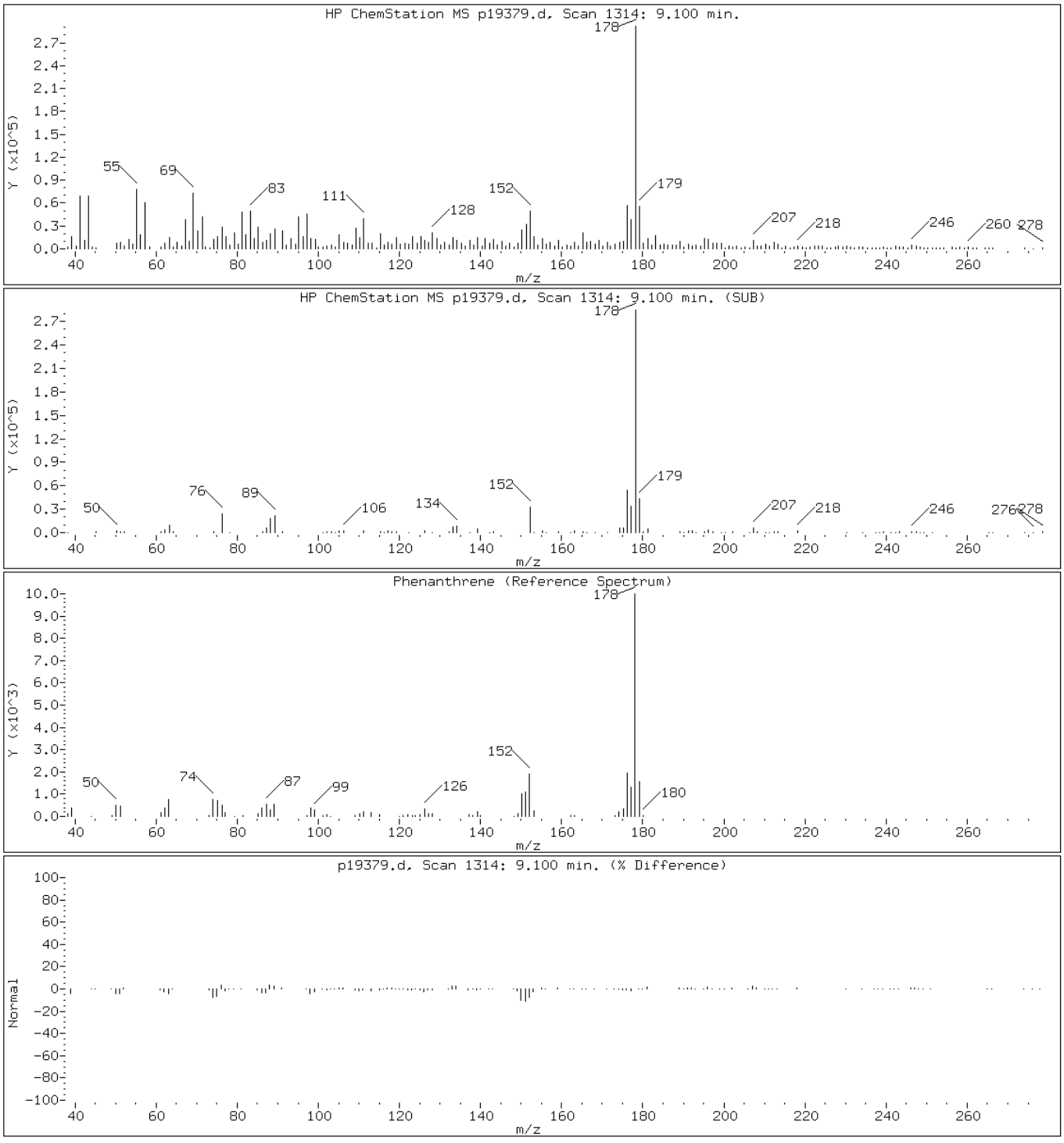
Data File: p19379.d

Date: 18-SEP-2011 05:17

Client ID: PMP-2-SI-S (10.5-11 Instrument: BNAMS10.i

Sample Info: 460-30837-F-3-C Operator: BNAMS 4

52 Phenanthrene



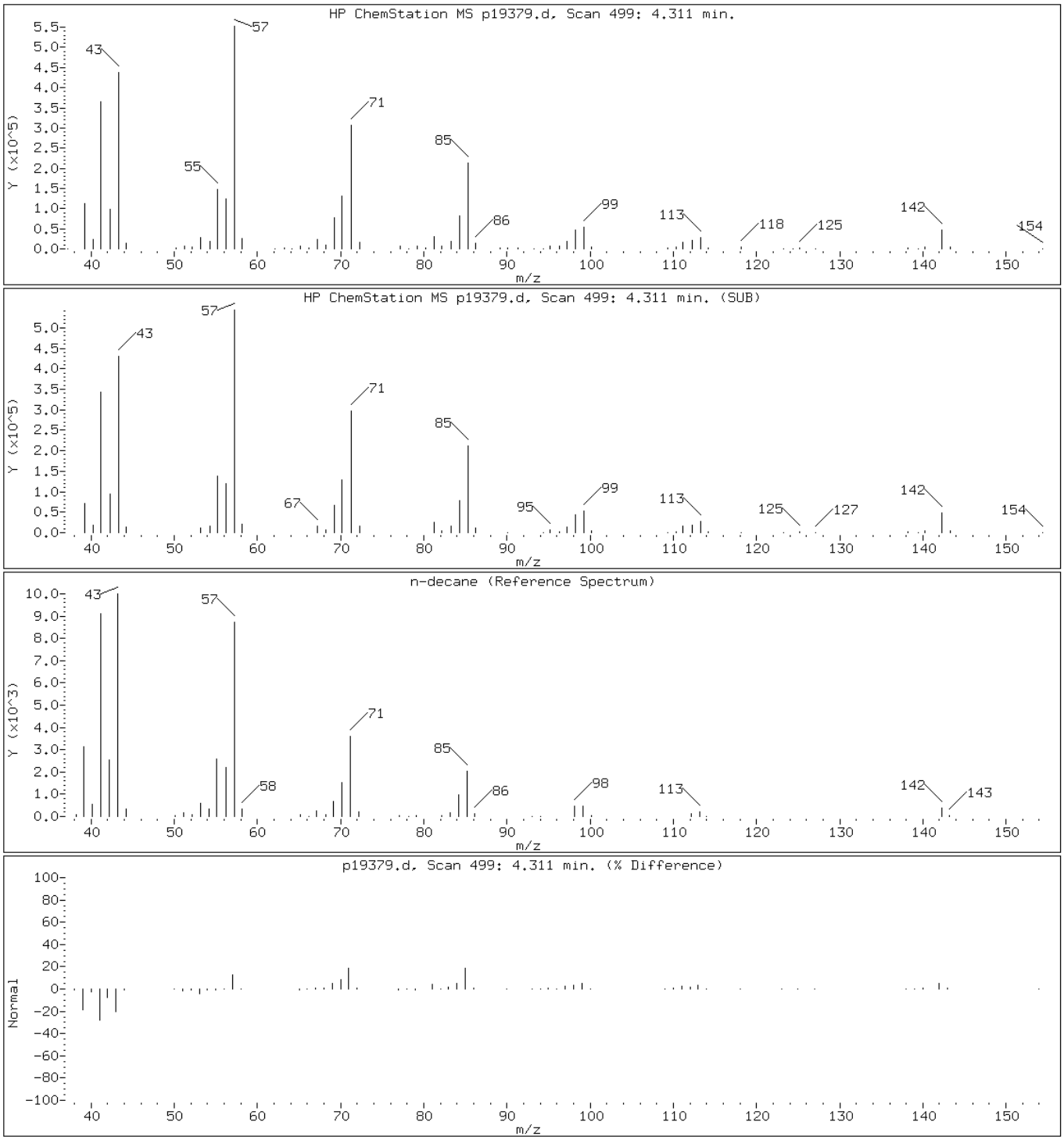
Data File: p19379.d

Date: 18-SEP-2011 05:17

Client ID: PMP-2-SI-S (10.5-11 Instrument: BNAMS10.i

Sample Info: 460-30837-F-3-C Operator: BNAMS 4

113 n-decane



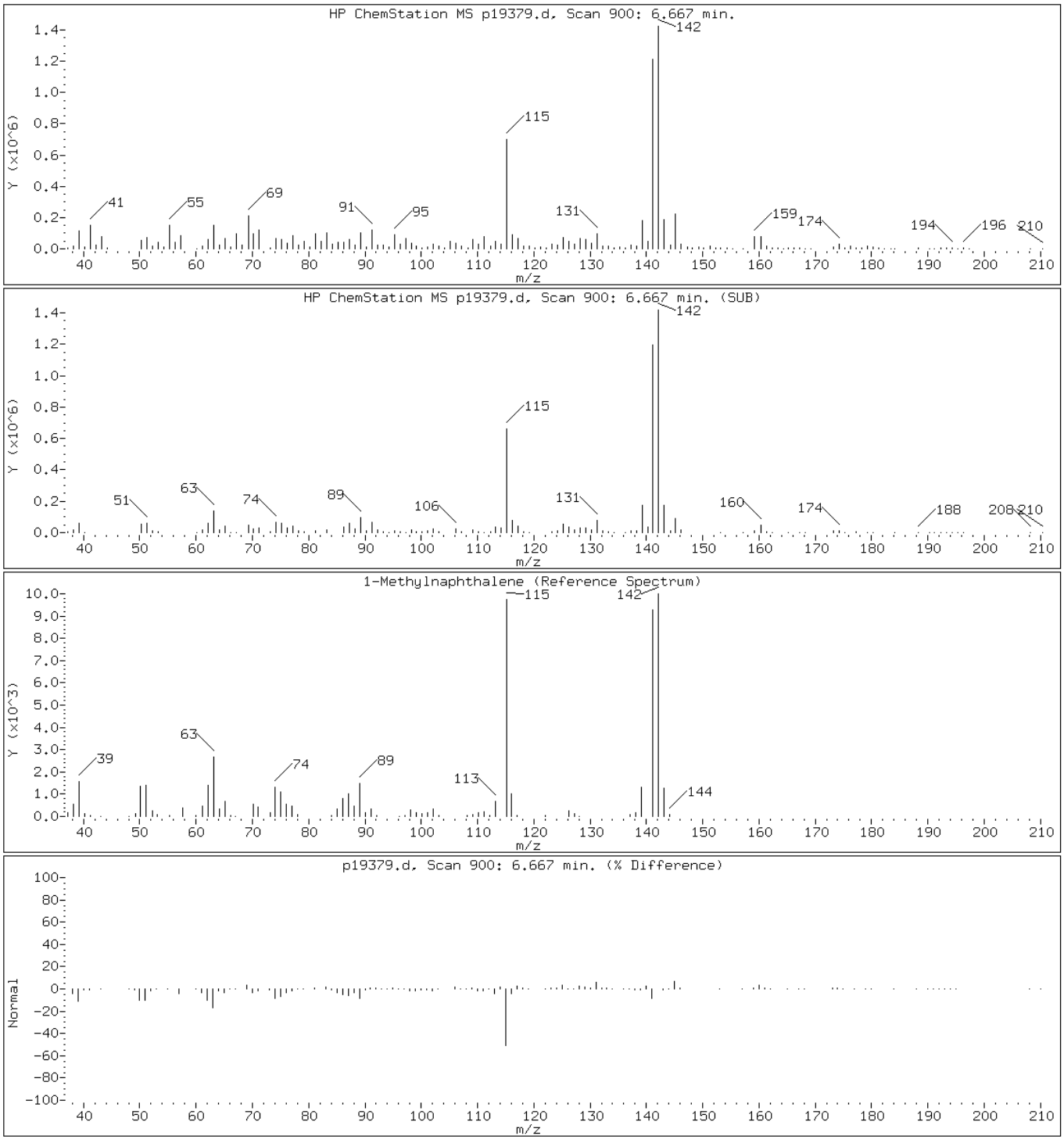
Data File: p19379.d

Date: 18-SEP-2011 05:17

Client ID: PMP-2-SI-S (10.5-11 Instrument: BNAMS10.i

Sample Info: 460-30837-F-3-C Operator: BNAMS 4

120 1-Methylnaphthalene



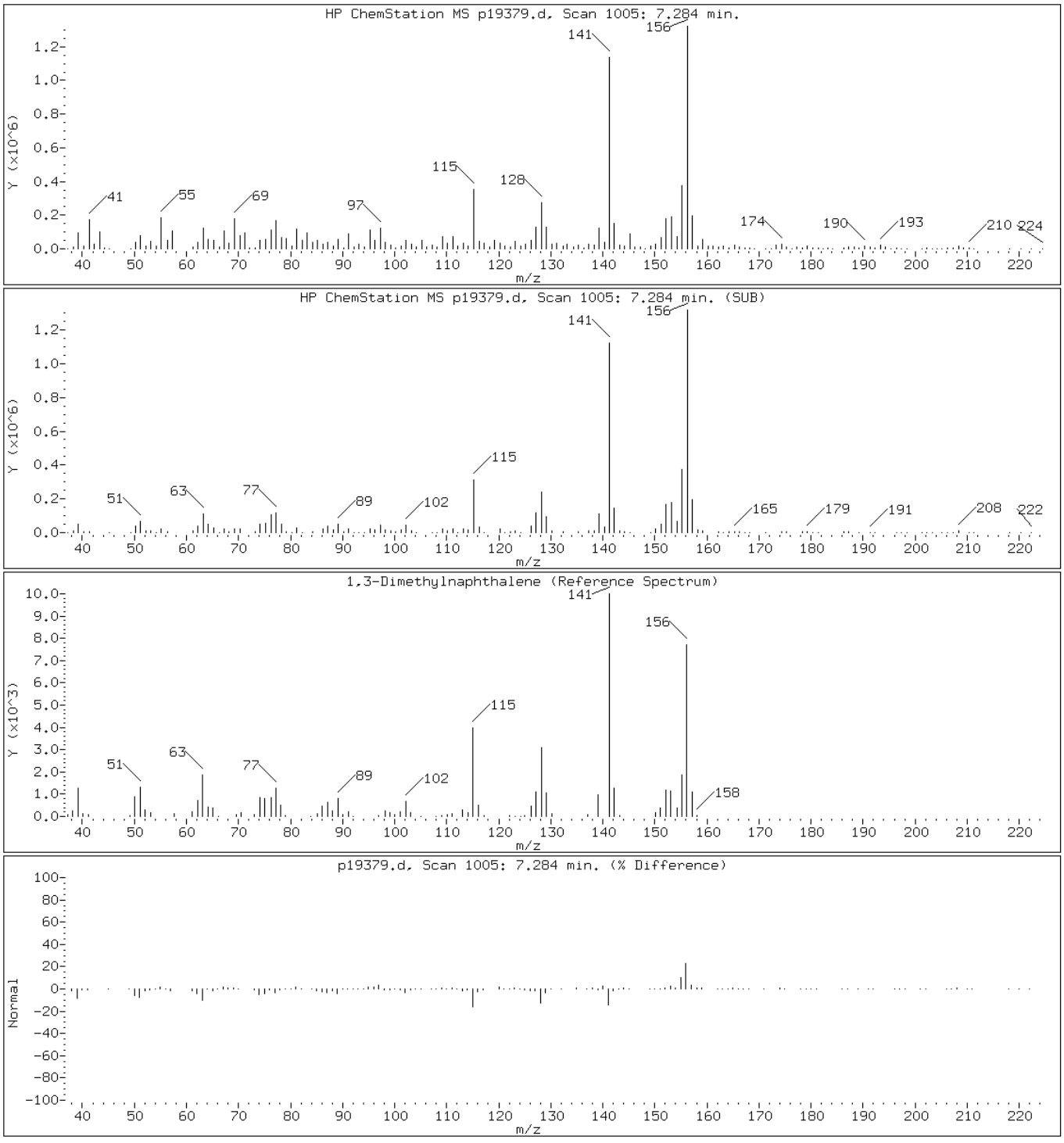
Data File: p19379.d

Date: 18-SEP-2011 05:17

Client ID: PMP-2-SI-S (10.5-11 Instrument: BNAMS10.i

Sample Info: 460-30837-F-3-C Operator: BNAMS 4

125 1,3-Dimethylnaphthalene



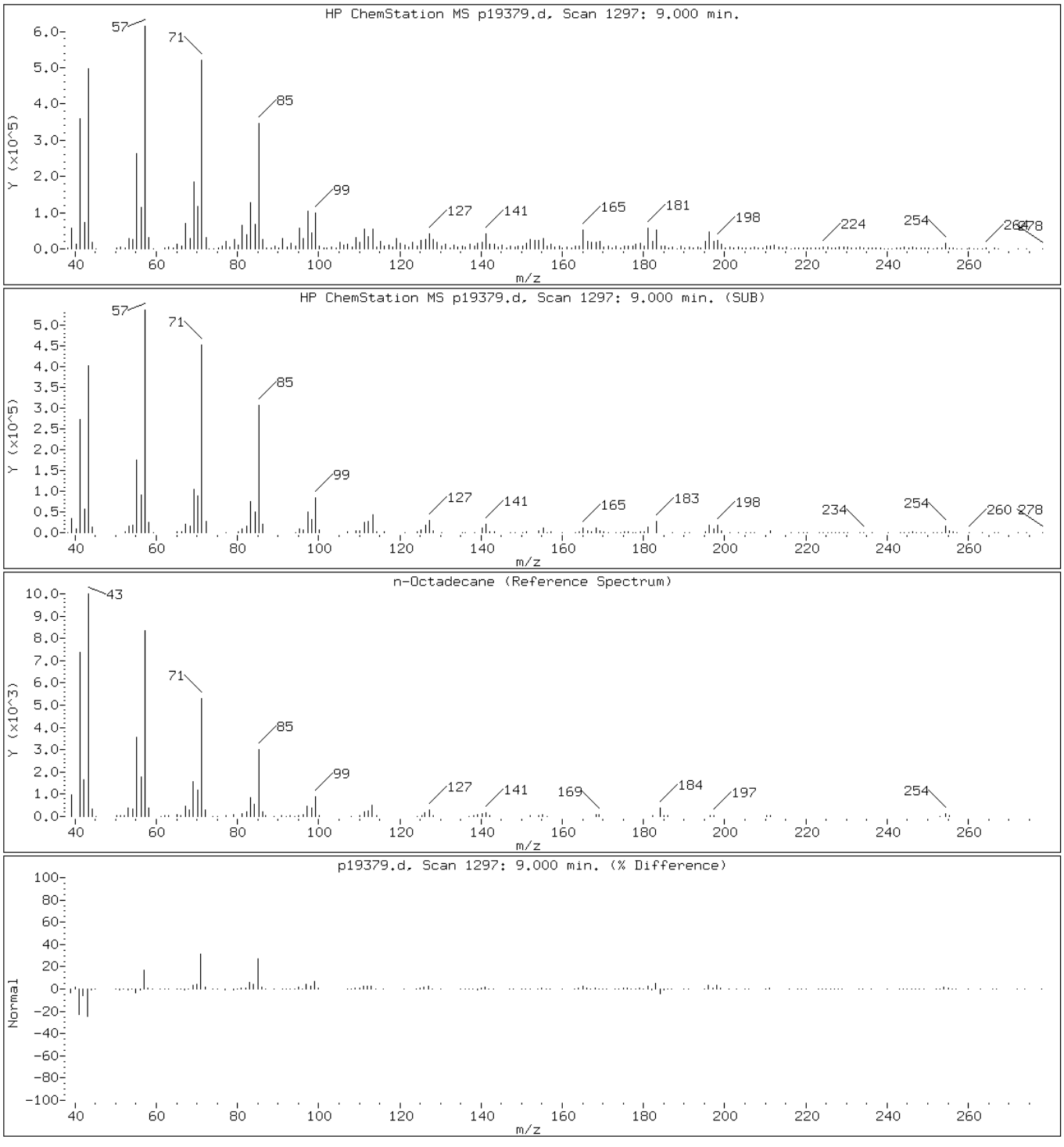
Data File: p19379.d

Date: 18-SEP-2011 05:17

Client ID: PMP-2-SI-S (10.5-11 Instrument: BNAMS10.i

Sample Info: 460-30837-F-3-C Operator: BNAMS 4

115 n-Octadecane



Data File: p19379.d

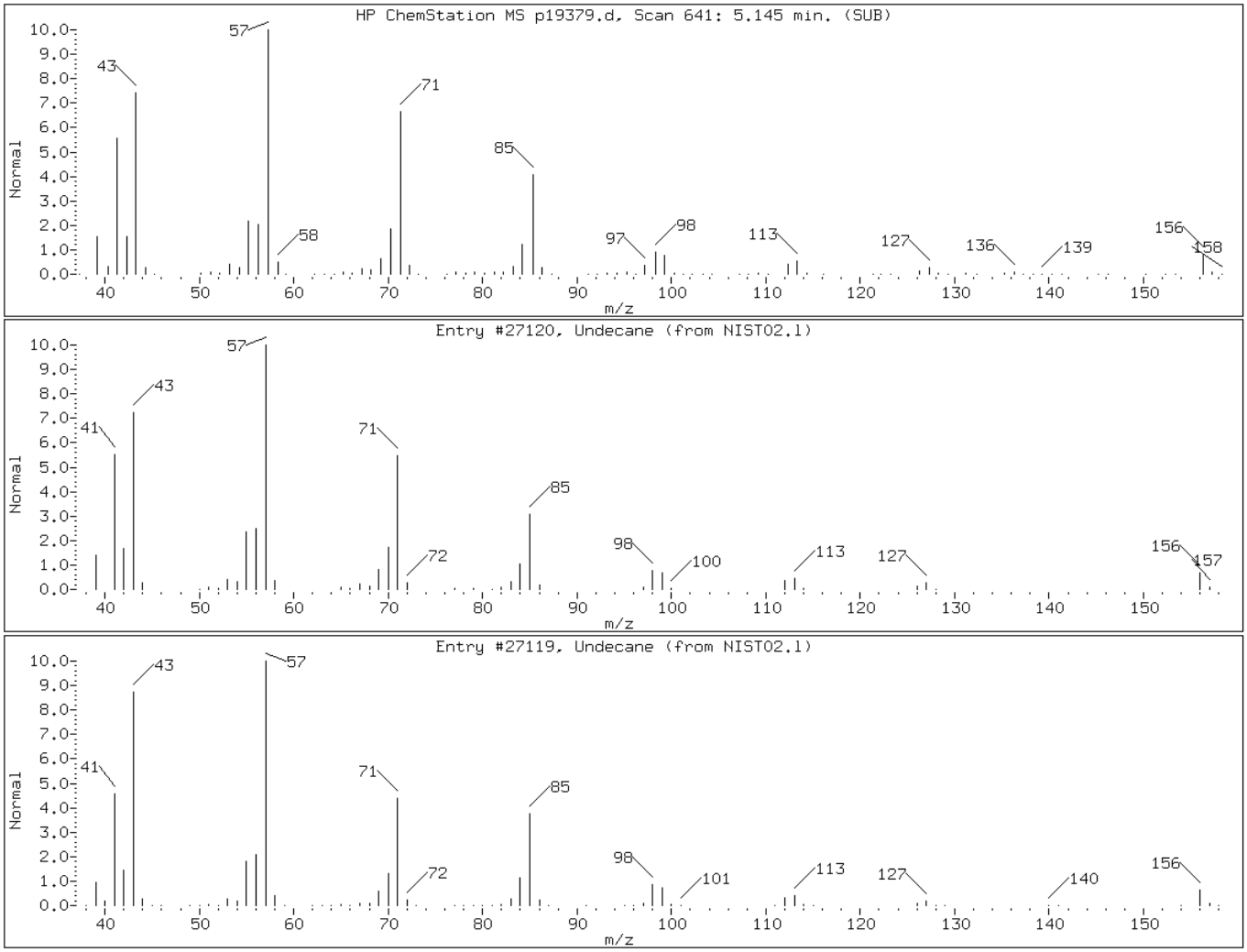
Date: 18-SEP-2011 05:17

Client ID: PMP-2-SI-S (10.5-11 Instrument: BNAMS10.i

Sample Info: 460-30837-F-3-C Operator: BNAMS 4

Retention Time: 5.15

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Undecane	1120-21-4	NIST02.l	27120	95	C11H24	156
Undecane	1120-21-4	NIST02.l	27119	93	C11H24	156



Data File: p19379.d

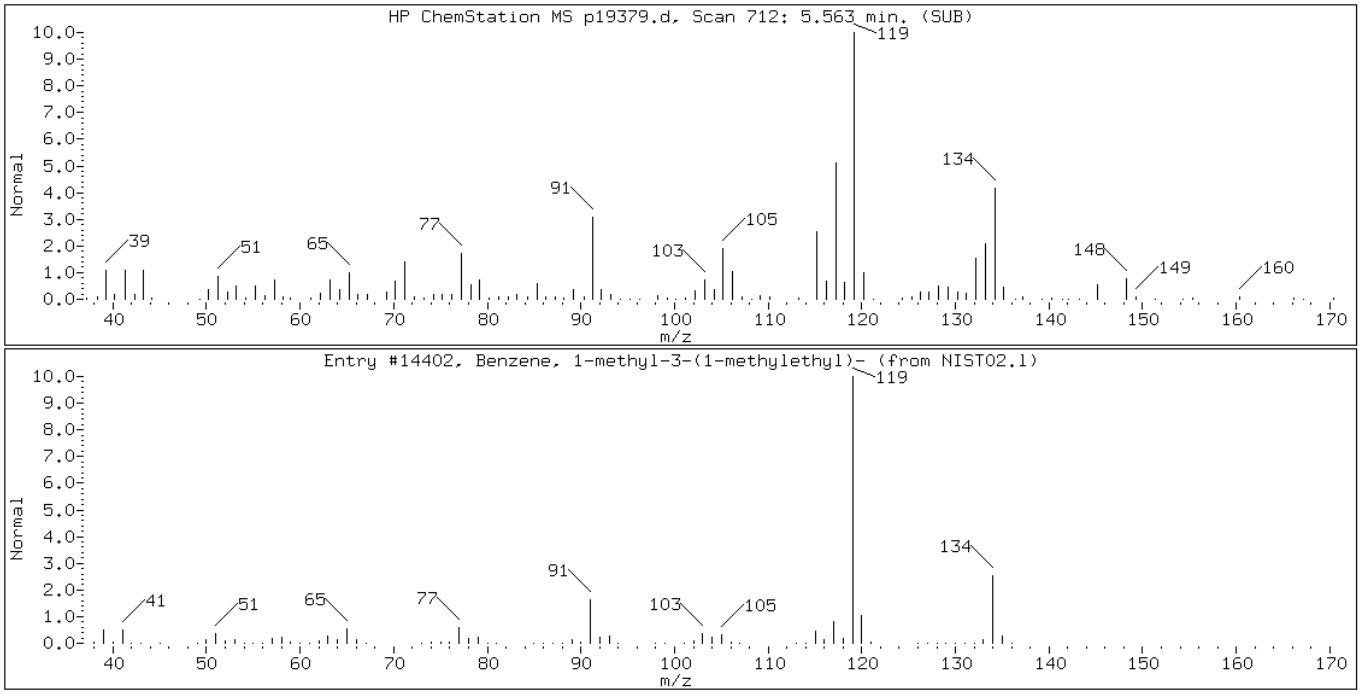
Date: 18-SEP-2011 05:17

Client ID: PMP-2-SI-S (10.5-11 Instrument: BNAMS10.i

Sample Info: 460-30837-F-3-C Operator: BNAMS 4

Retention Time: 5.56

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer C10H14 Aromatic						
Benzene, 1-methyl-3-(1-methylethyl	535-77-3	NIST02.l	14402	60	C10H14	134



Data File: p19379.d

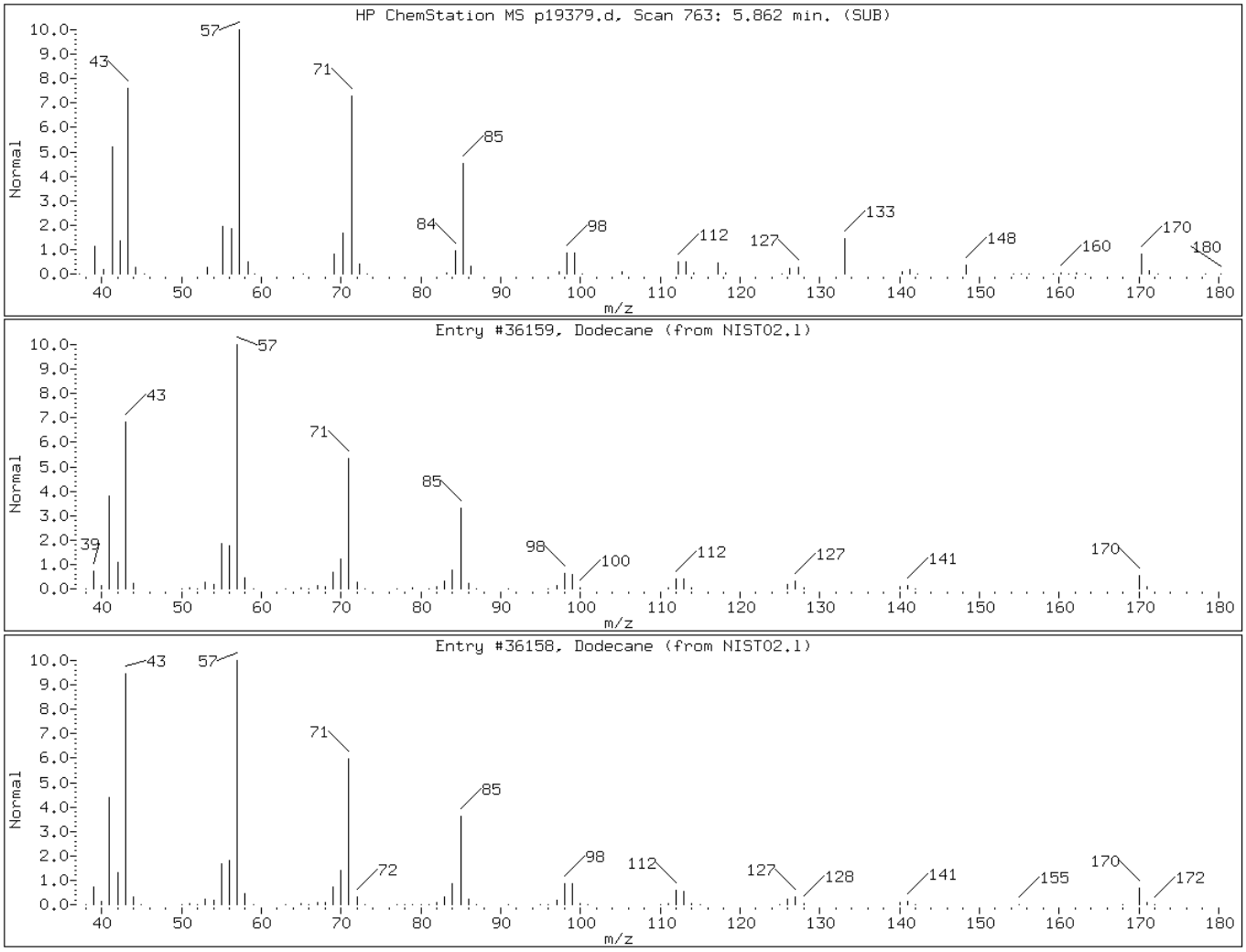
Date: 18-SEP-2011 05:17

Client ID: PMP-2-SI-S (10.5-11 Instrument: BNAMS10.i

Sample Info: 460-30837-F-3-C Operator: BNAMS 4

Retention Time: 5.86

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Dodecane	112-40-3	NIST02.l	36159	96	C12H26	170
Dodecane	112-40-3	NIST02.l	36158	92	C12H26	170



Data File: p19379.d

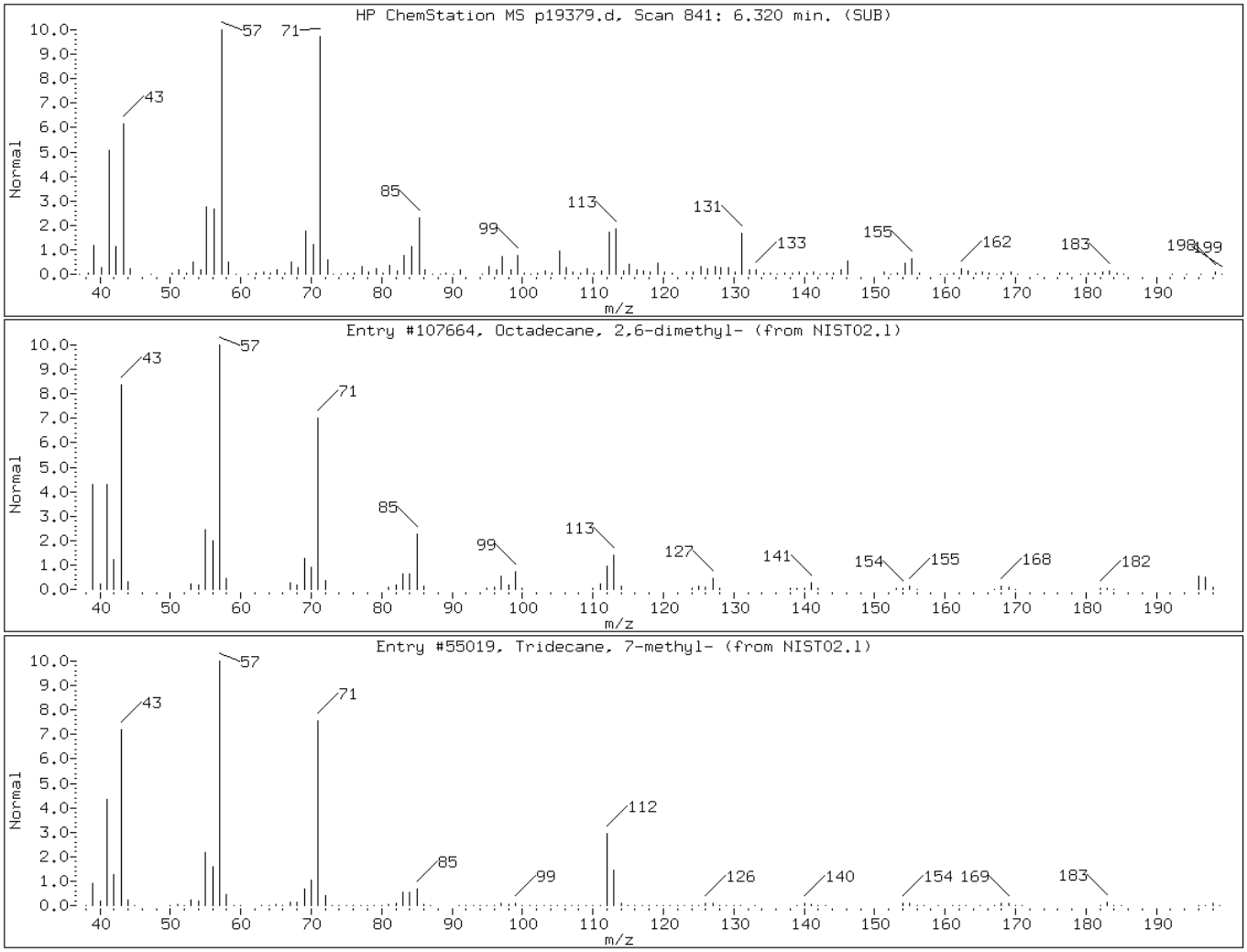
Date: 18-SEP-2011 05:17

Client ID: PMP-2-SI-S (10.5-11 Instrument: BNAMS10.i

Sample Info: 460-30837-F-3-C Operator: BNAMS 4

Retention Time: 6.32

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Octadecane, 2,6-dimethyl-	75163-97-2	NIST02.l	107664	86	C20H42	282
Tridecane, 7-methyl-	26730-14-3	NIST02.l	55019	70	C14H30	198



Data File: p19379.d

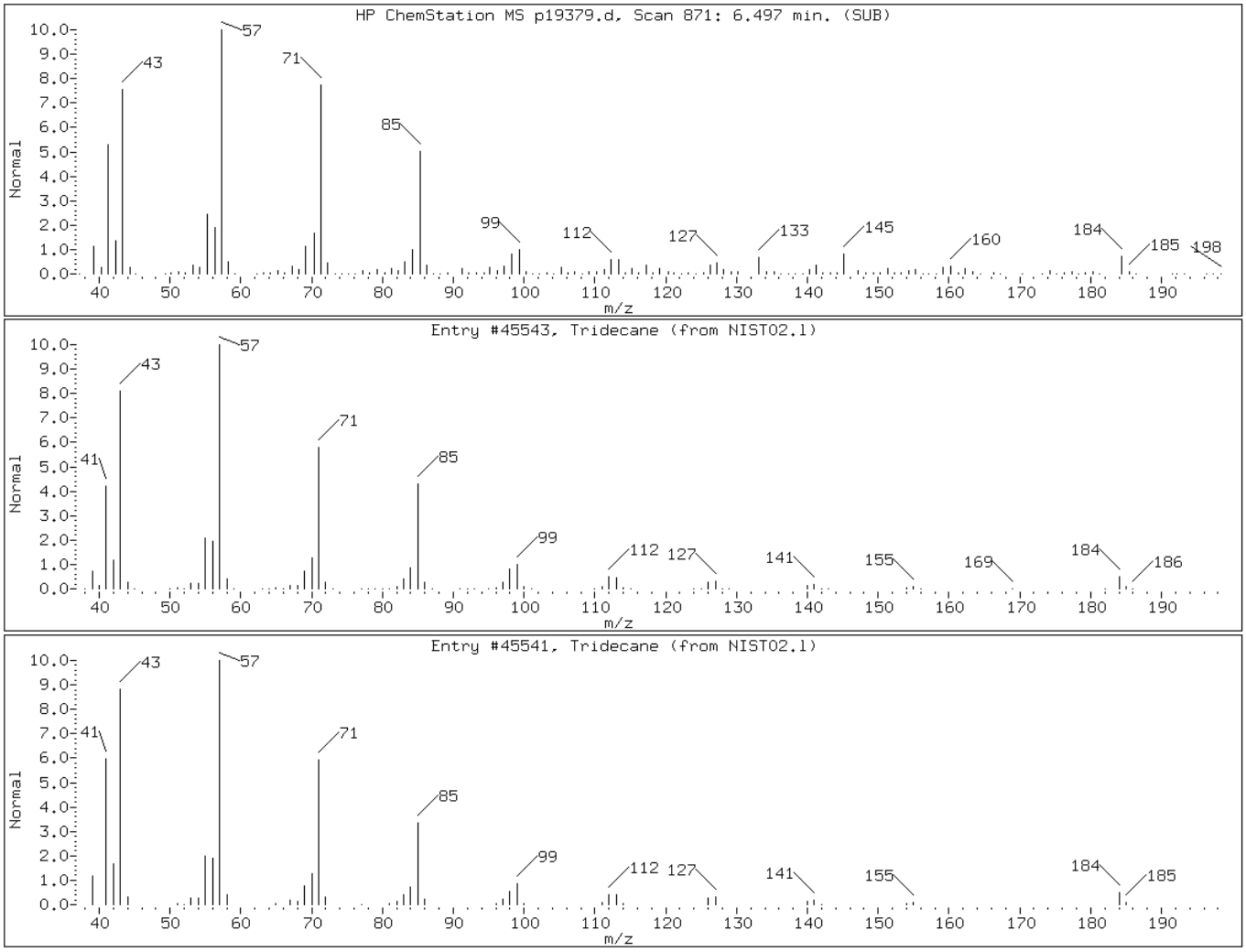
Date: 18-SEP-2011 05:17

Client ID: PMP-2-SI-S (10.5-11 Instrument: BNAMS10.i

Sample Info: 460-30837-F-3-C Operator: BNAMS 4

Retention Time: 6.50

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Tridecane	629-50-5	NIST02.l	45543	98	C13H28	184
Tridecane	629-50-5	NIST02.l	45541	96	C13H28	184



Data File: p19379.d

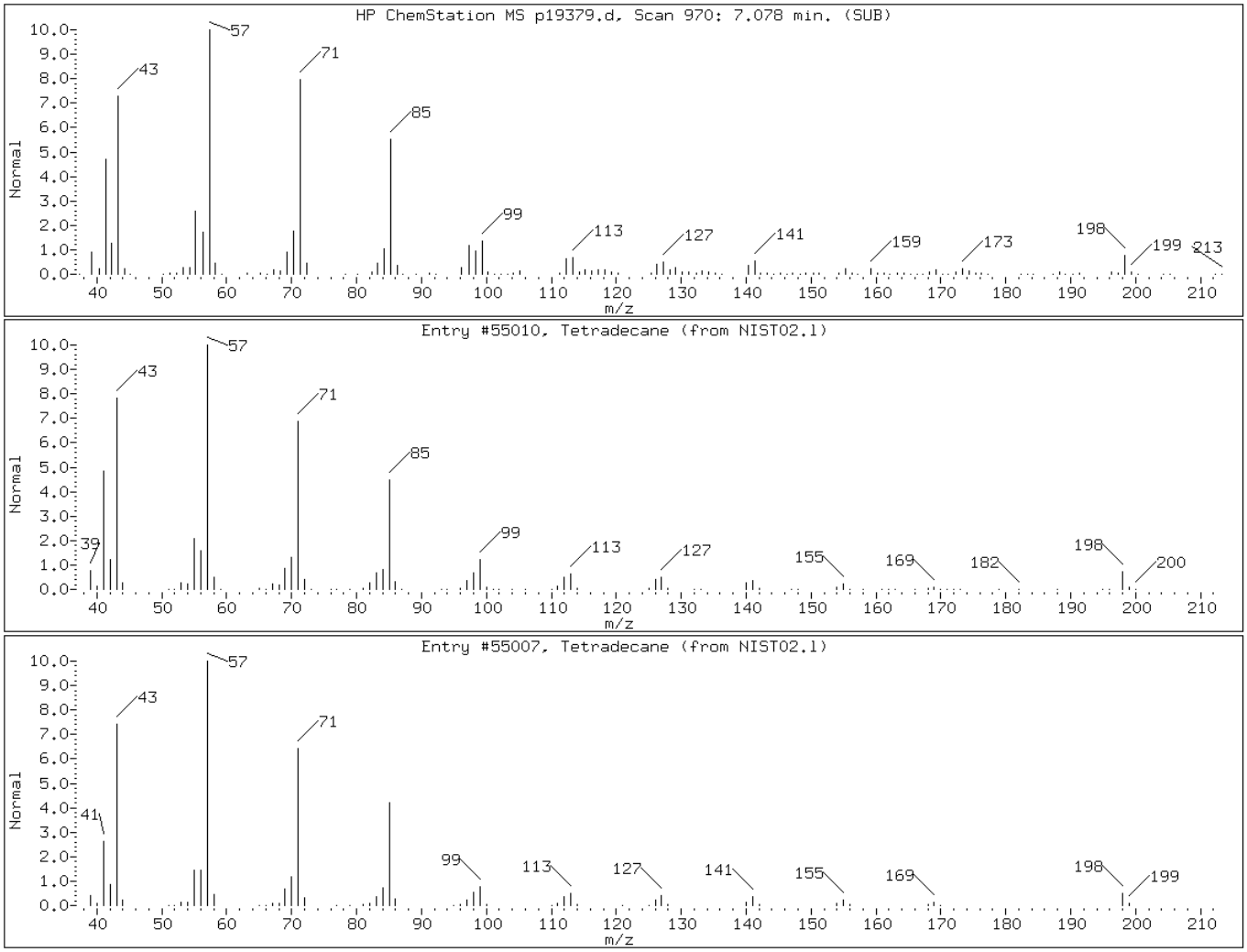
Date: 18-SEP-2011 05:17

Client ID: PMP-2-SI-S (10.5-11 Instrument: BNAMS10.i

Sample Info: 460-30837-F-3-C Operator: BNAMS 4

Retention Time: 7.08

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Tetradecane	629-59-4	NIST02.l	55010	98	C14H30	198
Tetradecane	629-59-4	NIST02.l	55007	97	C14H30	198



Data File: p19379.d

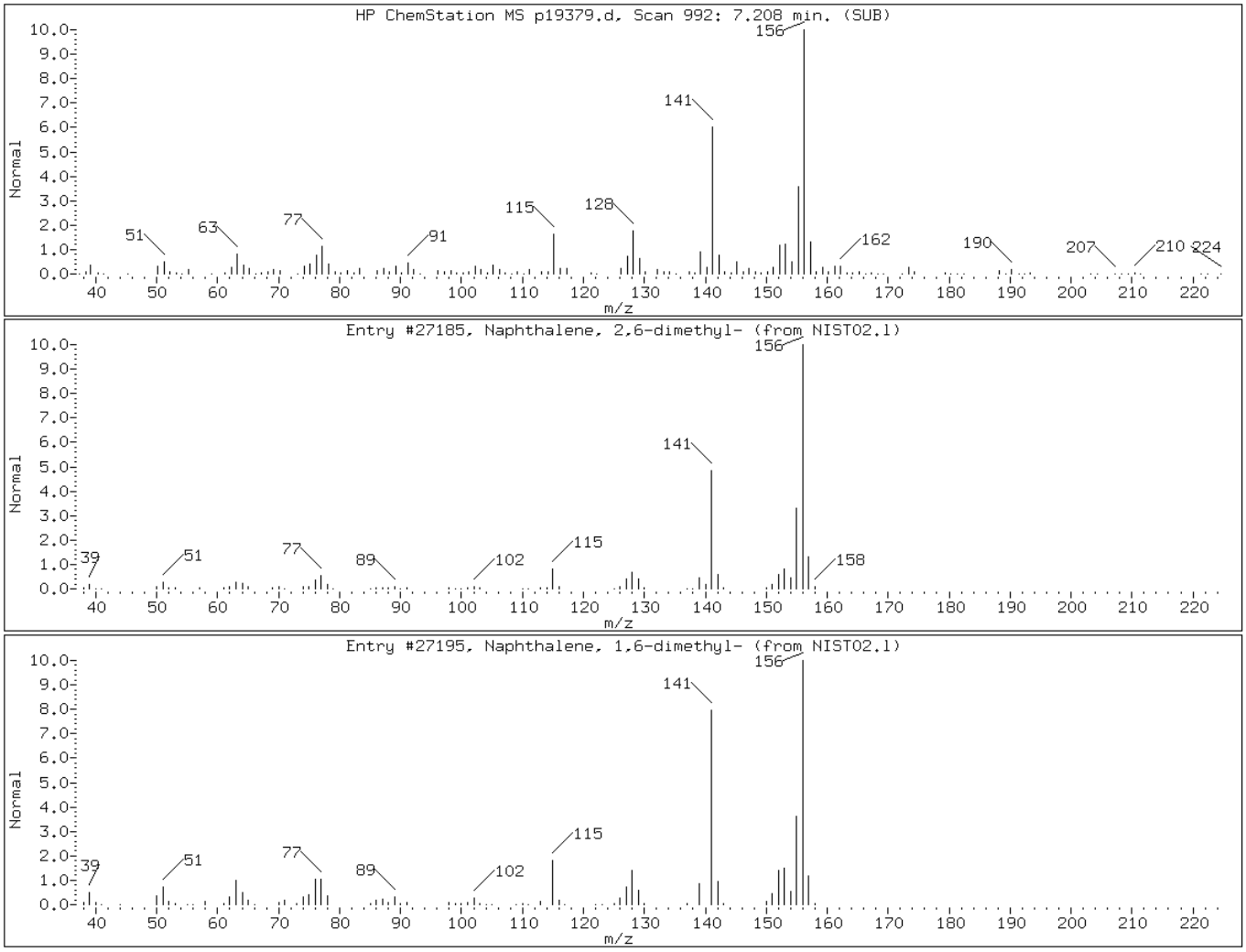
Date: 18-SEP-2011 05:17

Client ID: PMP-2-SI-S (10.5-11 Instrument: BNAMS10.i

Sample Info: 460-30837-F-3-C Operator: BNAMS 4

Retention Time: 7.21

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, 1,6-dimethyl-	575-43-9	NIST02.l	27195	96	C12H12	156



Data File: p19379.d

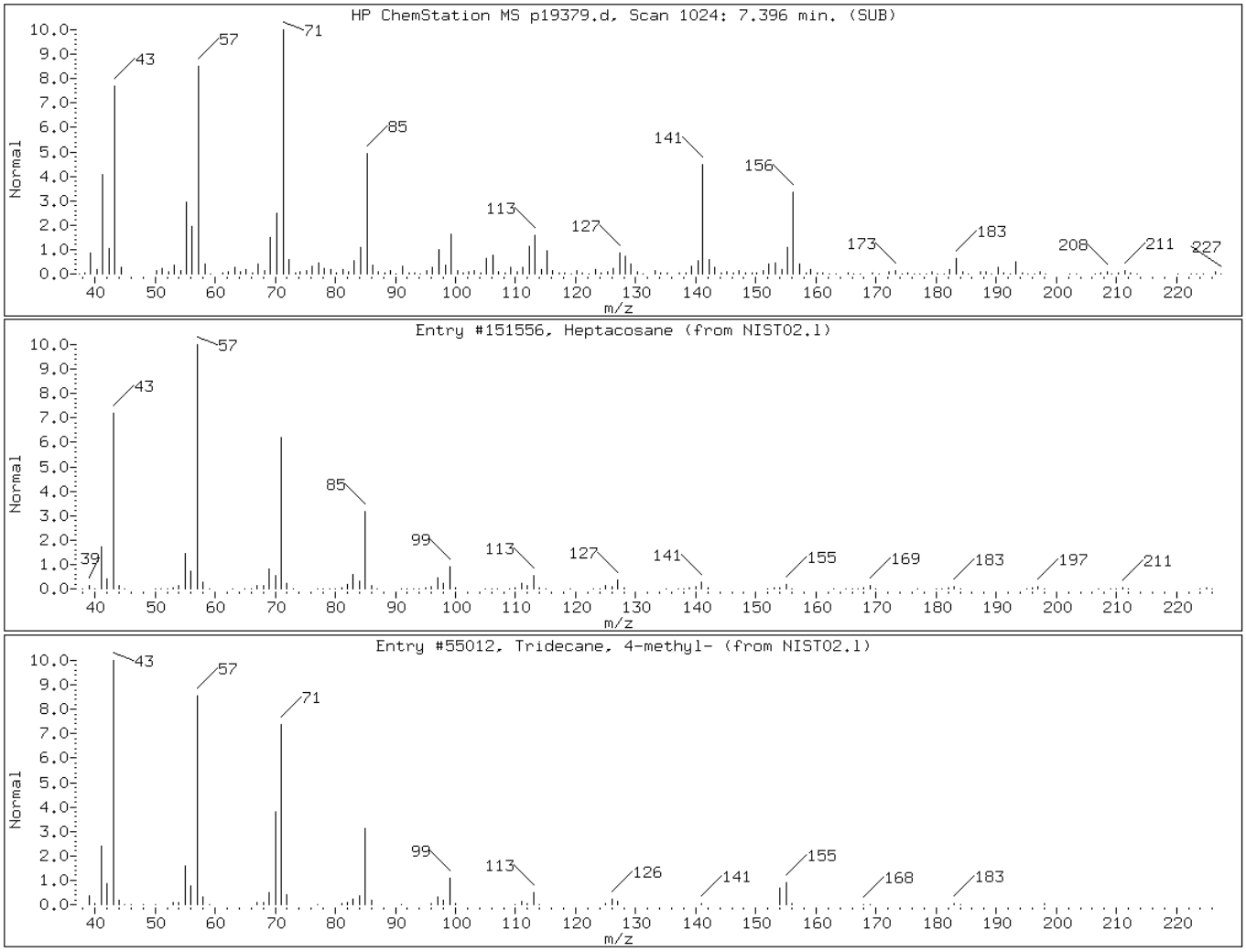
Date: 18-SEP-2011 05:17

Client ID: PMP-2-SI-S (10.5-11 Instrument: BNAMS10.i

Sample Info: 460-30837-F-3-C Operator: BNAMS 4

Retention Time: 7.40

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Heptacosane	593-49-7	NIST02.l	151556	53	C27H56	380
Tridecane, 4-methyl-	26730-12-1	NIST02.l	55012	52	C14H30	198



Data File: p19379.d

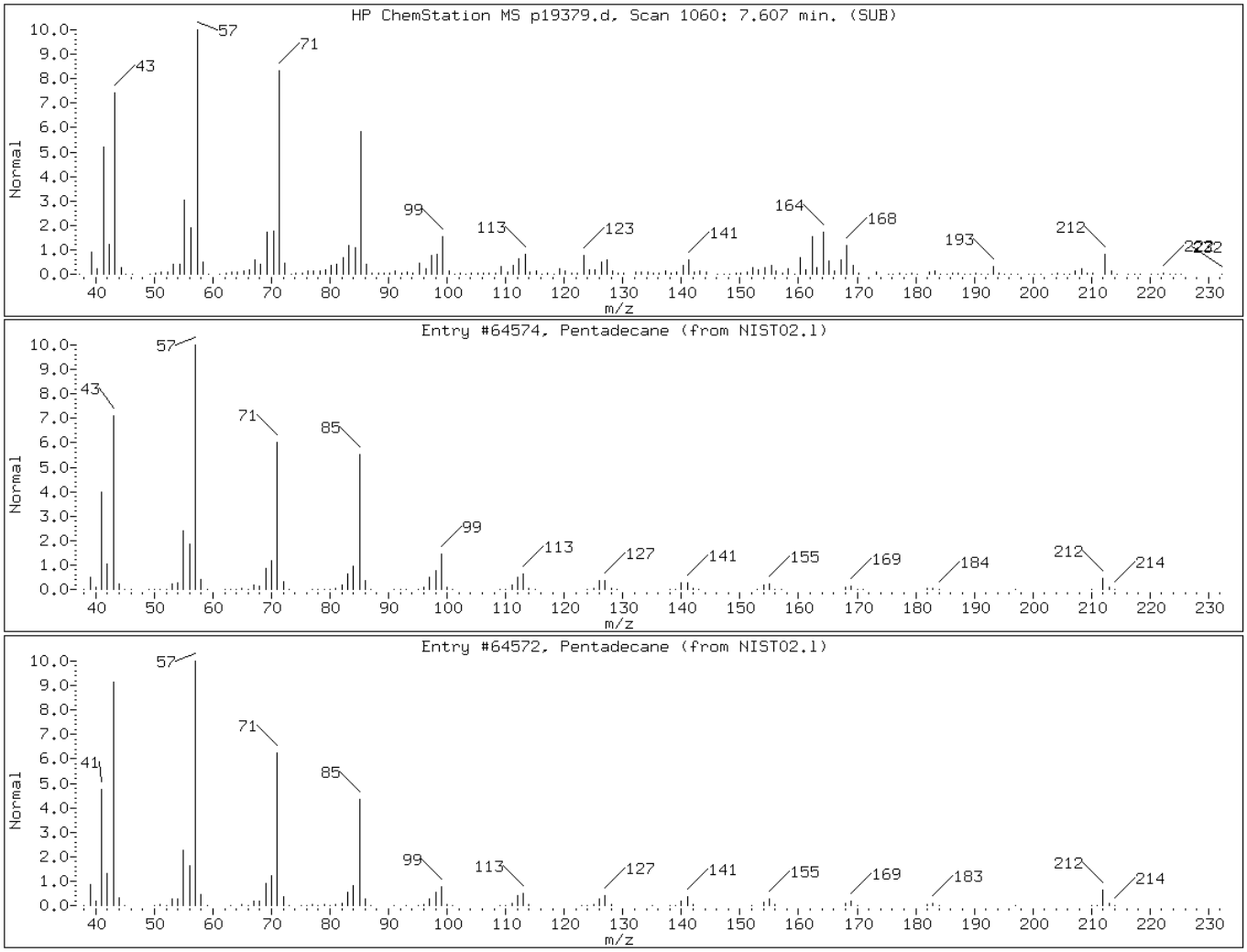
Date: 18-SEP-2011 05:17

Client ID: PMP-2-SI-S (10.5-11 Instrument: BNAMS10.i

Sample Info: 460-30837-F-3-C Operator: BNAMS 4

Retention Time: 7.61

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-8						
Pentadecane	629-62-9	NIST02.l	64574	97	C15H32	212
Pentadecane	629-62-9	NIST02.l	64572	93	C15H32	212



Data File: p19379.d

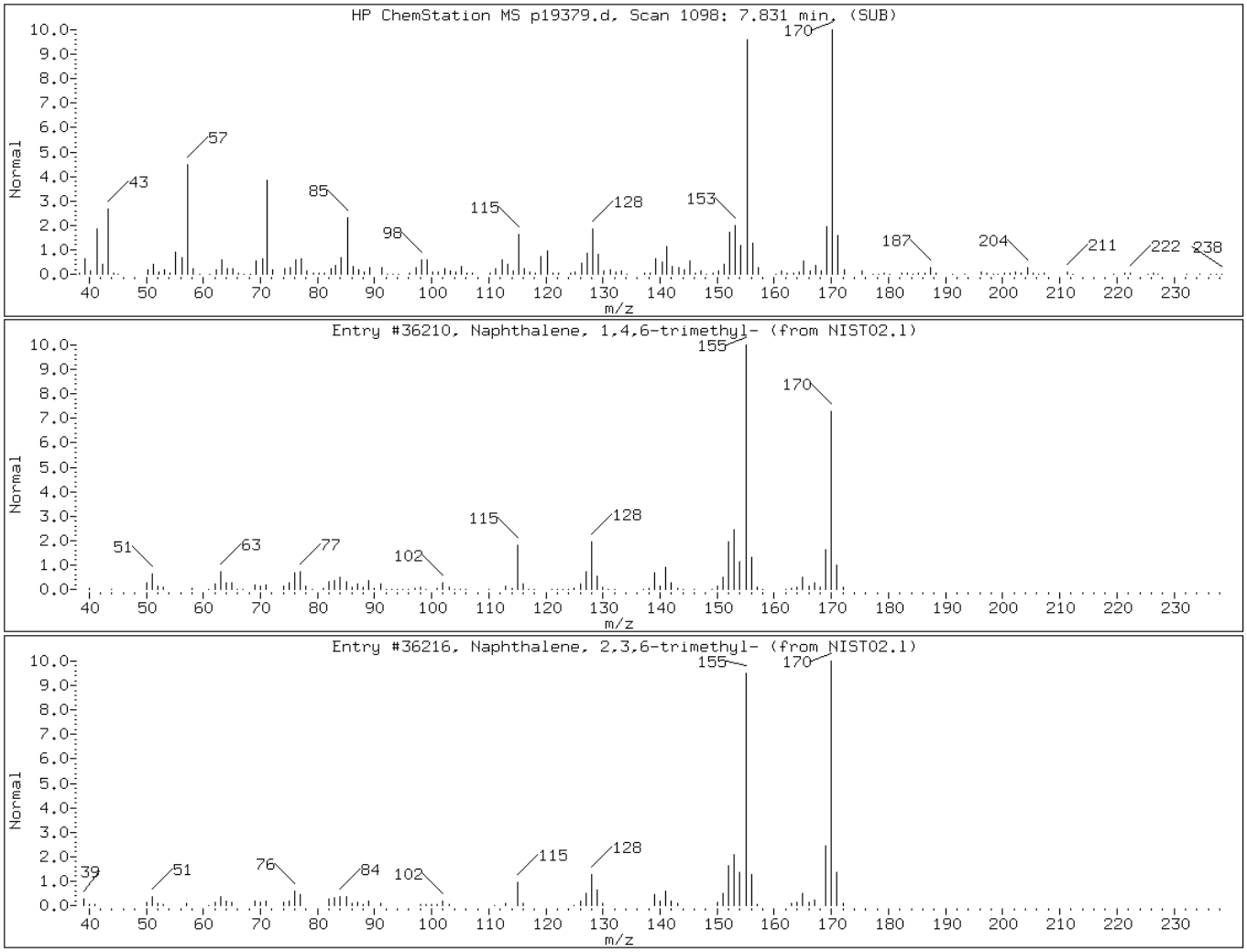
Date: 18-SEP-2011 05:17

Client ID: PMP-2-SI-S (10.5-11 Instrument: BNAMS10.i

Sample Info: 460-30837-F-3-C Operator: BNAMS 4

Retention Time: 7.83

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer-1						
Naphthalene, 1,4,6-trimethyl-	2131-42-2	NIST02.l	36210	98	C13H14	170
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.l	36216	97	C13H14	170



Data File: p19379.d

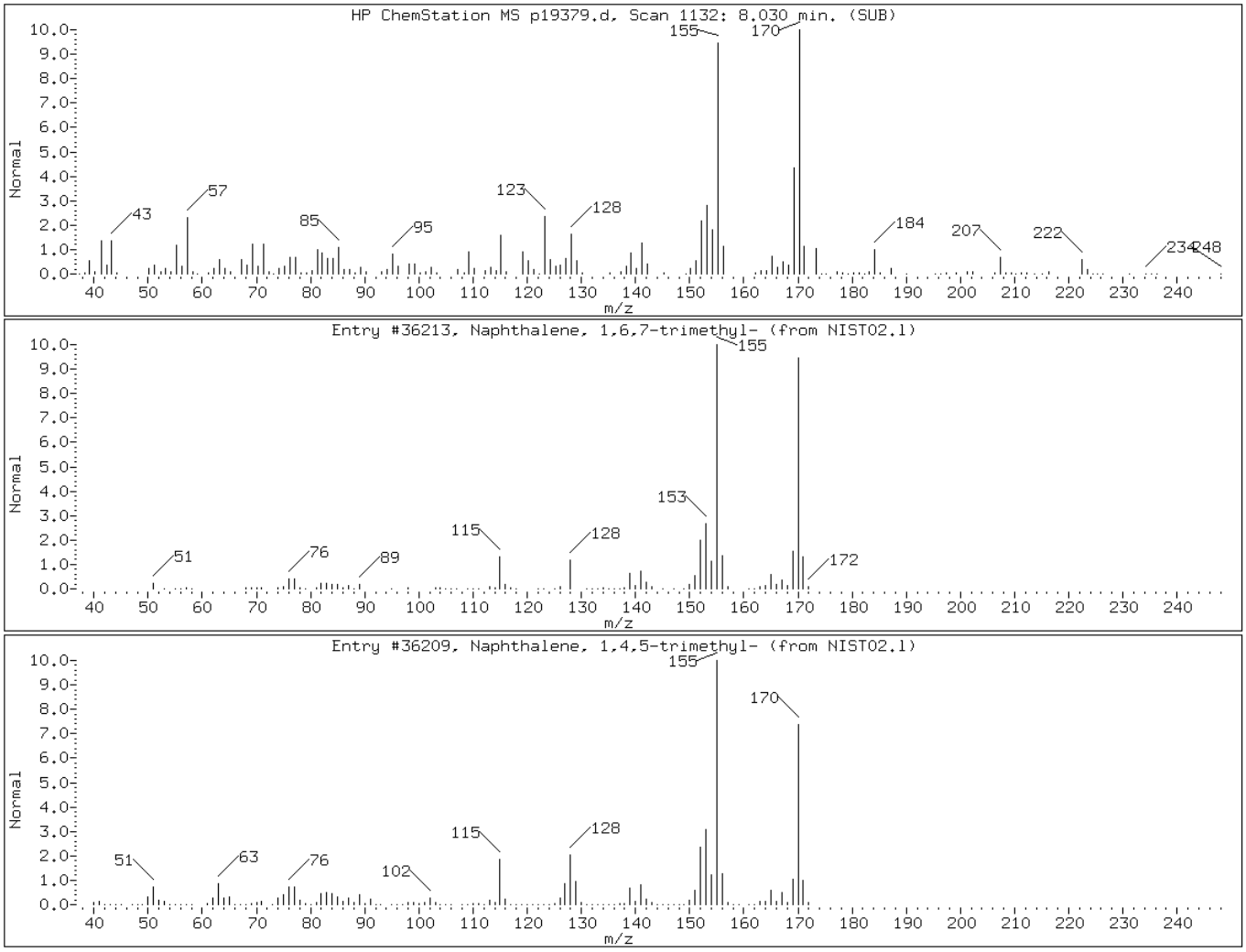
Date: 18-SEP-2011 05:17

Client ID: PMP-2-SI-S (10.5-11 Instrument: BNAMS10.i

Sample Info: 460-30837-F-3-C Operator: BNAMS 4

Retention Time: 8.03

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, 1,4,5-trimethyl-	2131-41-1	NIST02.l	36209	91	C13H14	170



Data File: p19379.d

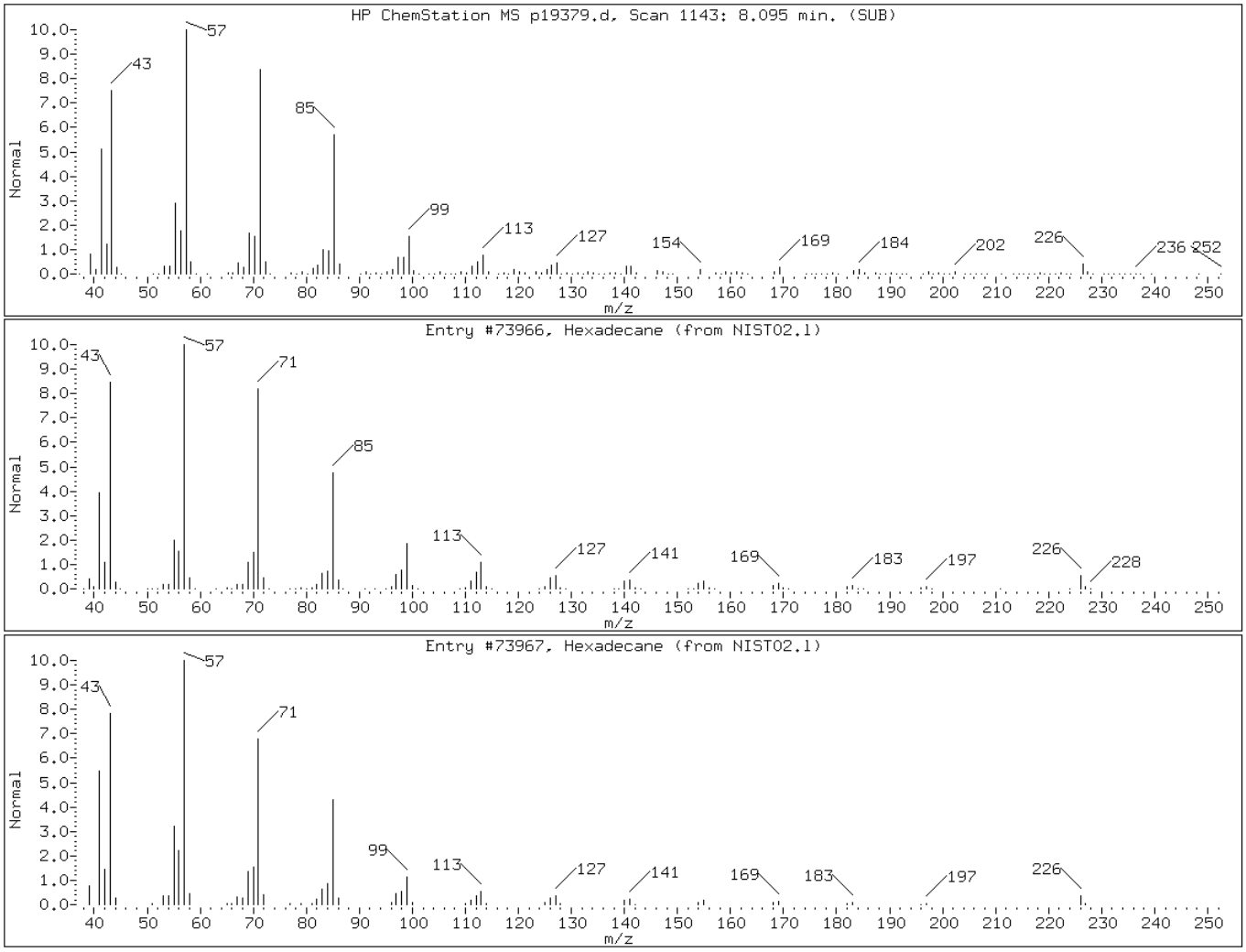
Date: 18-SEP-2011 05:17

Client ID: PMP-2-SI-S (10.5-11 Instrument: BNAMS10.i

Sample Info: 460-30837-F-3-C Operator: BNAMS 4

Retention Time: 8.09

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-9						
Hexadecane	544-76-3	NIST02.l	73966	97	C16H34	226
Hexadecane	544-76-3	NIST02.l	73967	96	C16H34	226



Data File: p19379.d

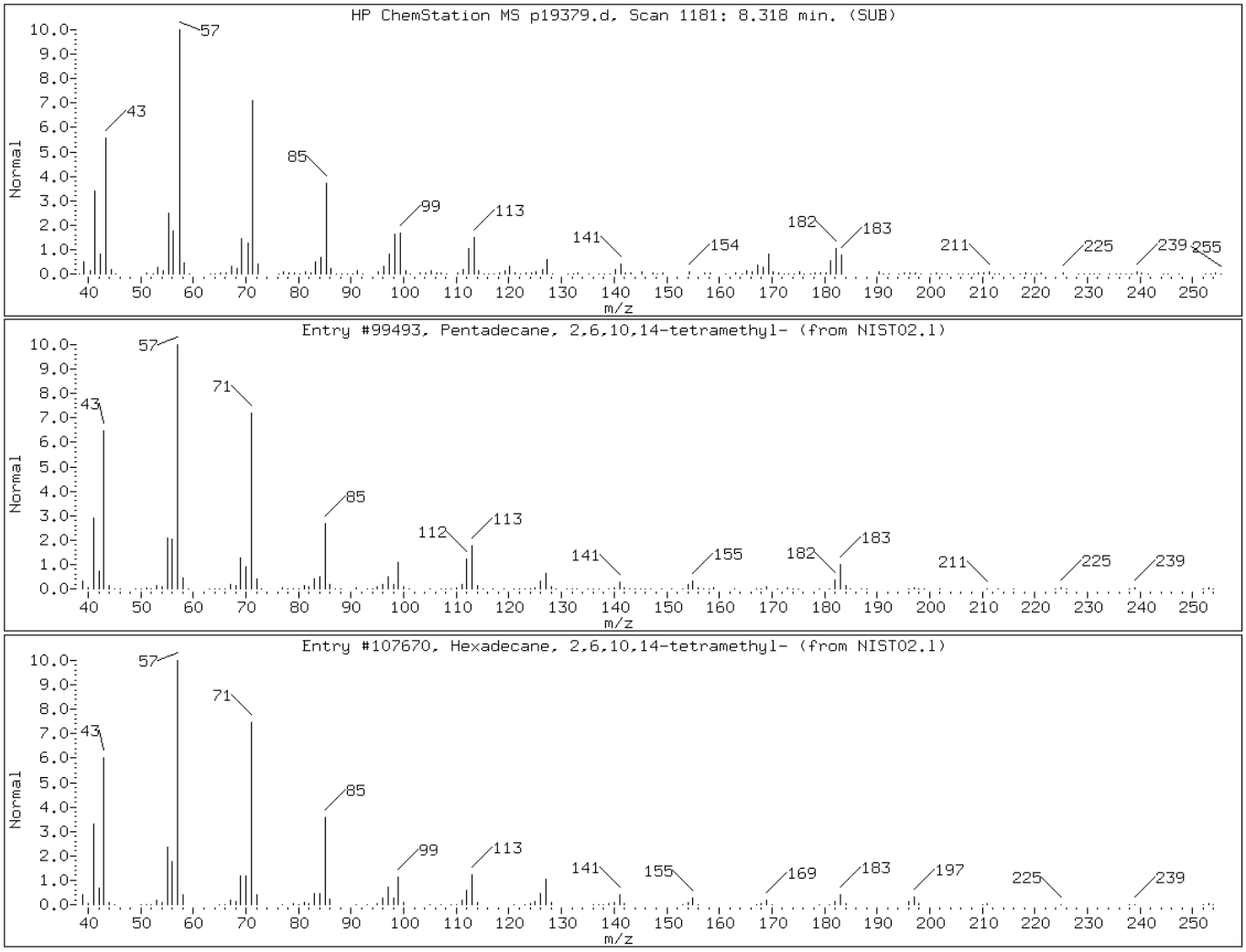
Date: 18-SEP-2011 05:17

Client ID: PMP-2-SI-S (10.5-11 Instrument: BNAMS10.i

Sample Info: 460-30837-F-3-C Operator: BNAMS 4

Retention Time: 8.32

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	74	C19H40	268
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107670	72	C20H42	282



Data File: p19379.d

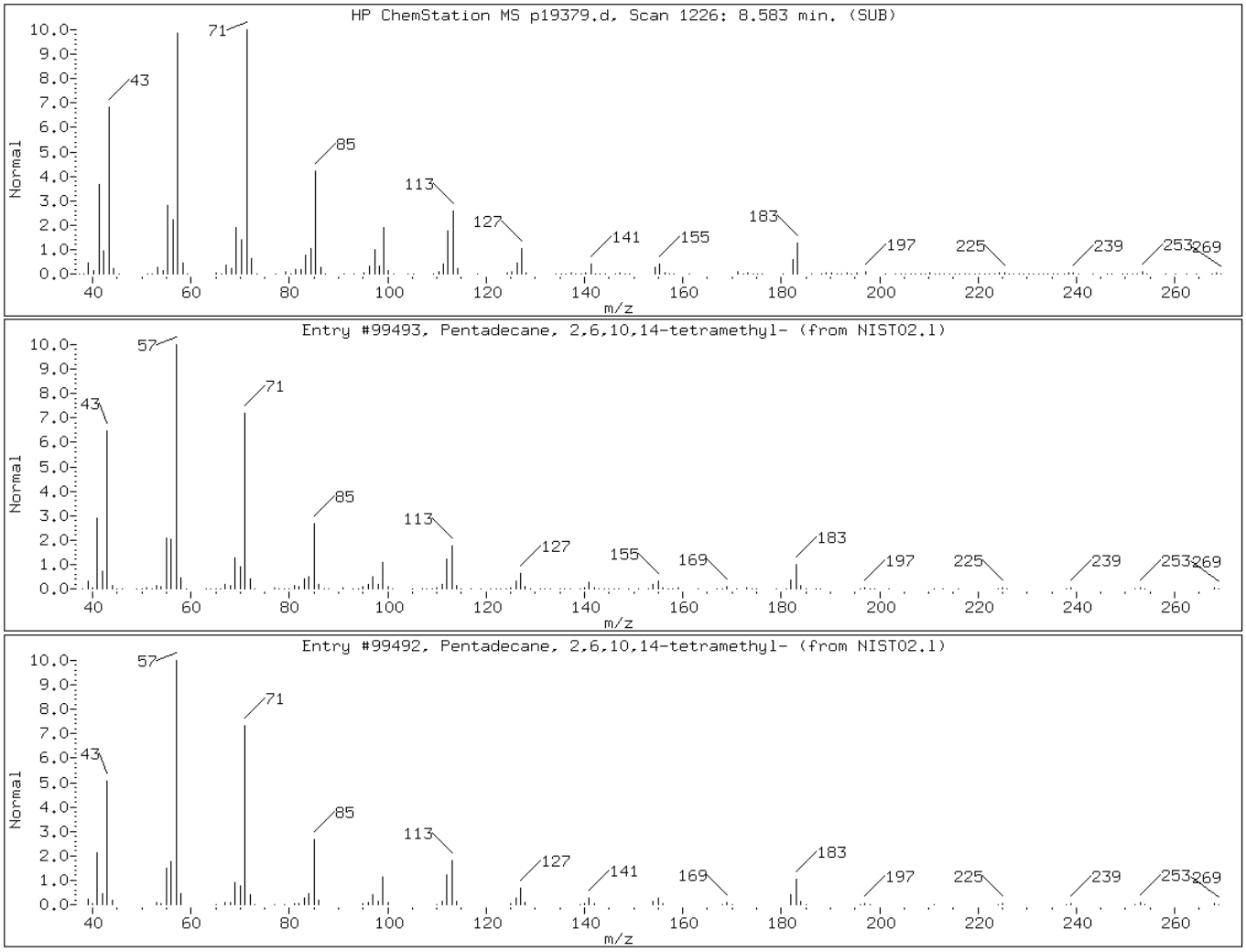
Date: 18-SEP-2011 05:17

Client ID: PMP-2-SI-S (10.5-11 Instrument: BNAMS10.i

Sample Info: 460-30837-F-3-C Operator: BNAMS 4

Retention Time: 8.58

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-11						
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	96	C19H40	268
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99492	94	C19H40	268



Data File: p19379.d

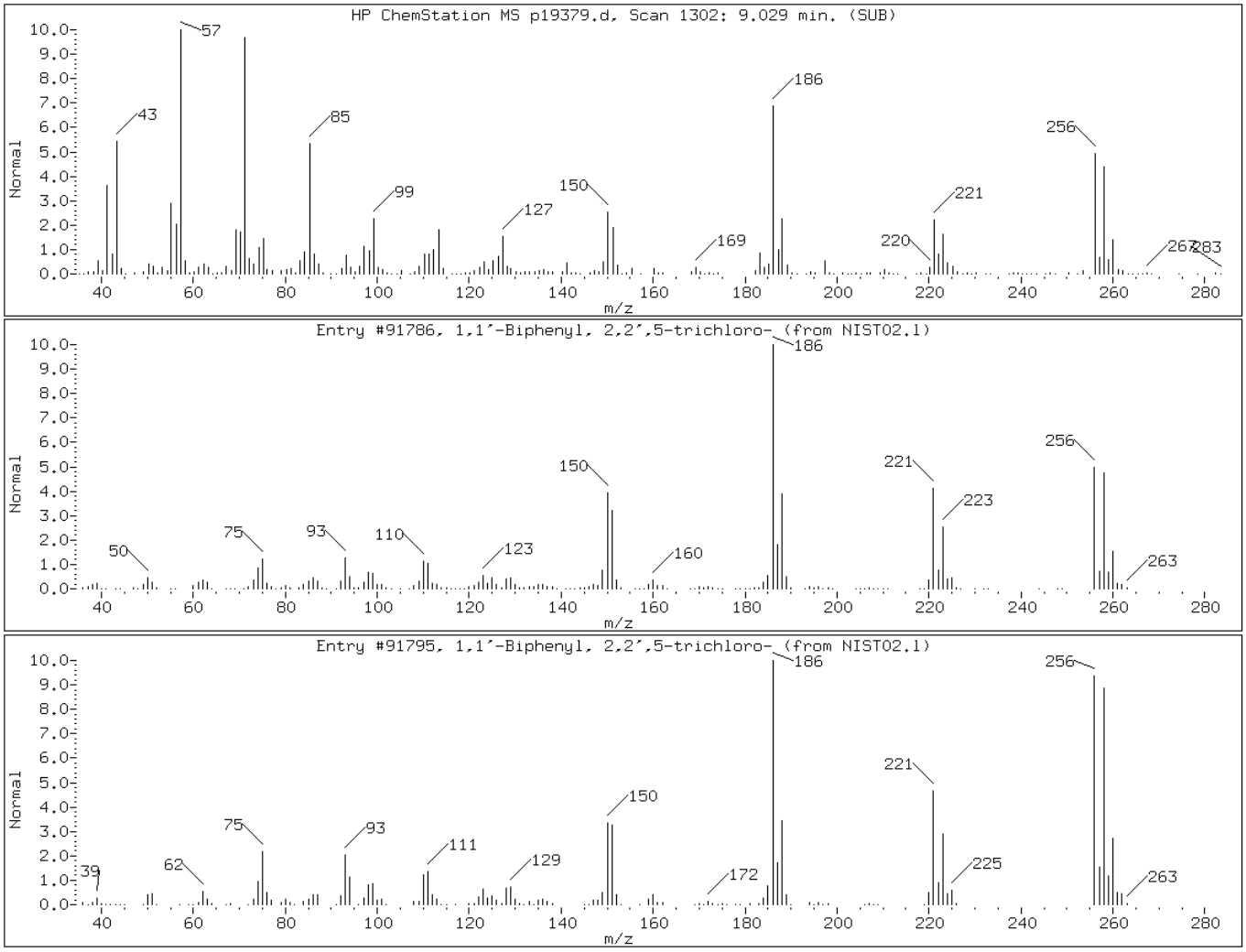
Date: 18-SEP-2011 05:17

Client ID: PMP-2-SI-S (10.5-11 Instrument: BNAMS10.i

Sample Info: 460-30837-F-3-C Operator: BNAMS 4

Retention Time: 9.03

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	91786	97	C12H7Cl3	256
1,1'-Biphenyl, 2,2',5-trichloro-	37680-65-2	NIST02.l	91795	90	C12H7Cl3	256



Data File: p19379.d

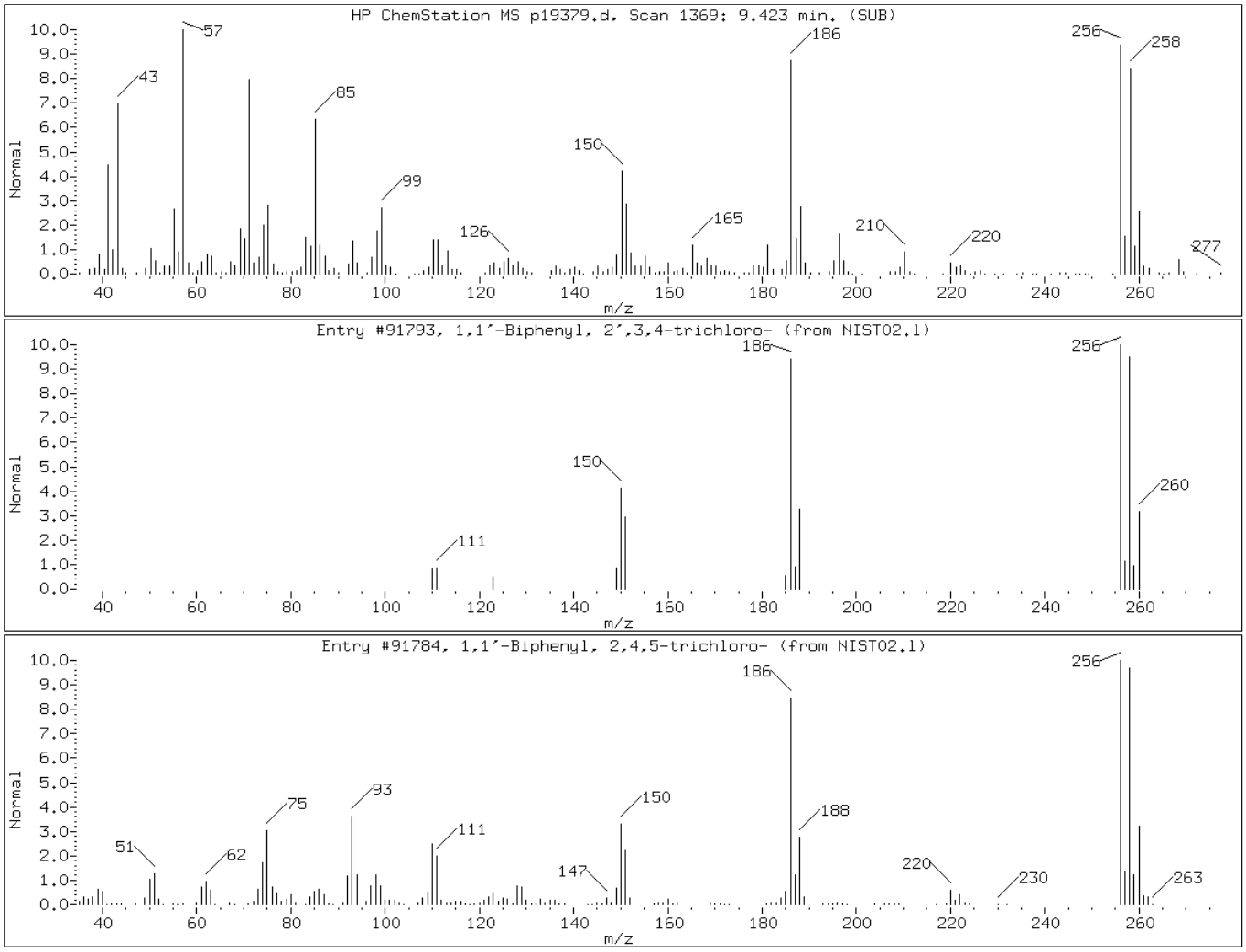
Date: 18-SEP-2011 05:17

Client ID: PMP-2-SI-S (10.5-11 Instrument: BNAMS10.i

Sample Info: 460-30837-F-3-C Operator: BNAMS 4

Retention Time: 9.42

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-2						
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.l	91793	98	C12H7Cl3	256
1,1'-Biphenyl, 2,4,5-trichloro-	15862-07-4	NIST02.l	91784	96	C12H7Cl3	256



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-24-VS-S (1-3) | Lab Sample ID: 460-30837-4

Matrix: Solid | Lab File ID: p19381.d

Analysis Method: 8270C | Date Collected: 09/08/2011 16:40

Extract. Method: 3541 | Date Extracted: 09/16/2011 07:35

Sample wt/vol: 15.02(g) | Date Analyzed: 09/18/2011 06:08

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86671 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	1800	U	1800	220
95-57-8	2-Chlorophenol	1800	U	1800	240
95-48-7	2-Methylphenol	1800	U	1800	250
106-44-5	4-Methylphenol	1800	U	1800	290
100-52-7	Benzaldehyde	1800	U	1800	110
98-86-2	Acetophenone	1800	U	1800	260
111-44-4	Bis(2-chloroethyl)ether	180	U	180	37
108-60-1	2,2'-oxybis[1-chloropropane]	1800	U	1800	230
621-64-7	N-Nitrosodi-n-propylamine	180	U	180	23
98-95-3	Nitrobenzene	180	U	180	40
67-72-1	Hexachloroethane	180	U	180	30
78-59-1	Isophorone	1800	U	1800	200
88-75-5	2-Nitrophenol	1800	U	1800	290
105-67-9	2,4-Dimethylphenol	1800	U	1800	280
120-83-2	2,4-Dichlorophenol	1800	U	1800	280
111-91-1	Bis(2-chloroethoxy)methane	1800	U	1800	250
91-20-3	Naphthalene	1800	U	1800	260
106-47-8	4-Chloroaniline	1800	U	1800	220
87-68-3	Hexachlorobutadiene	360	U	360	72
105-60-2	Caprolactam	1800	U	1800	240
59-50-7	4-Chloro-3-methylphenol	1800	U	1800	300
91-57-6	2-Methylnaphthalene	4300		1800	260
118-74-1	Hexachlorobenzene	180	U	180	25
77-47-4	Hexachlorocyclopentadiene	1800	U	1800	520
88-06-2	2,4,6-Trichlorophenol	1800	U	1800	320
95-95-4	2,4,5-Trichlorophenol	1800	U	1800	340
92-52-4	Diphenyl	970	J	1800	290
91-58-7	2-Chloronaphthalene	1800	U	1800	250
88-74-4	2-Nitroaniline	3600	U	3600	480
606-20-2	2,6-Dinitrotoluene	360	U	360	45
131-11-3	Dimethyl phthalate	1800	U	1800	240
208-96-8	Acenaphthylene	1800	U	1800	250
99-09-2	3-Nitroaniline	3600	U	3600	400
83-32-9	Acenaphthene	370	J	1800	250

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-24-VS-S (1-3) | Lab Sample ID: 460-30837-4

Matrix: Solid | Lab File ID: p19381.d

Analysis Method: 8270C | Date Collected: 09/08/2011 16:40

Extract. Method: 3541 | Date Extracted: 09/16/2011 07:35

Sample wt/vol: 15.02(g) | Date Analyzed: 09/18/2011 06:08

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86671 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	5400	U	5400	460
51-28-5	2,4-Dinitrophenol	5400	U	5400	380
132-64-9	Dibenzofuran	1800	U	1800	270
84-66-2	Diethyl phthalate	1800	U	1800	240
86-73-7	Fluorene	1800	U	1800	300
206-44-0	Fluoranthene	1800	U	1800	290
84-74-2	Di-n-butyl phthalate	1800	U	1800	270
121-14-2	2,4-Dinitrotoluene	360	U	360	52
7005-72-3	4-Chlorophenyl phenyl ether	1800	U	1800	300
100-01-6	4-Nitroaniline	3600	U	3600	370
534-52-1	4,6-Dinitro-2-methylphenol	5400	U	5400	850
101-55-3	4-Bromophenyl phenyl ether	1800	U	1800	320
1912-24-9	Atrazine	1800	U	1800	330
120-12-7	Anthracene	1800	U	1800	310
86-74-8	Carbazole	1800	U	1800	280
85-01-8	Phenanthrene	520	J	1800	310
87-86-5	Pentachlorophenol	5400	U	5400	870
129-00-0	Pyrene	1800	U	1800	310
218-01-9	Chrysene	1800	U	1800	260
207-08-9	Benzo[k]fluoranthene	180	U	180	25
191-24-2	Benzo[g,h,i]perylene	1800	U	1800	190
205-99-2	Benzo[b]fluoranthene	180	U	180	26
50-32-8	Benzo[a]pyrene	180	U	180	22
56-55-3	Benzo[a]anthracene	180	U	180	33
86-30-6	N-Nitrosodiphenylamine	1800	U	1800	290
85-68-7	Butyl benzyl phthalate	1800	U	1800	210
117-81-7	Bis(2-ethylhexyl) phthalate	1800	U	1800	240
117-84-0	Di-n-octyl phthalate	1800	U	1800	210
193-39-5	Indeno[1,2,3-cd]pyrene	180	U	180	28
53-70-3	Dibenz(a,h)anthracene	180	U	180	21
91-94-1	3,3'-Dichlorobenzidine	3600	U	3600	390
95-94-3	1,2,4,5-Tetrachlorobenzene	1800	U	1800	240
58-90-2	2,3,4,6-Tetrachlorophenol	1800	U	1800	350

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-24-VS-S (1-3) Lab Sample ID: 460-30837-4

Matrix: Solid Lab File ID: p19381.d

Analysis Method: 8270C Date Collected: 09/08/2011 16:40

Extract. Method: 3541 Date Extracted: 09/16/2011 07:35

Sample wt/vol: 15.02(g) Date Analyzed: 09/18/2011 06:08

Con. Extract Vol.: 1(mL) Dilution Factor: 5

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 6.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86671 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	95		38-105
4165-62-2	Phenol-d5	77		41-118
1718-51-0	Terphenyl-d14	73		16-151
118-79-6	2,4,6-Tribromophenol	52		10-120
367-12-4	2-Fluorophenol	82		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.: 460-30837-1

SDG No.:

Client Sample ID: PMP-24-VS-S (1-3) | Lab Sample ID: 460-30837-4

Matrix: Solid | Lab File ID: p19381.d

Analysis Method: 8270C | Date Collected: 09/08/2011 16:40

Extract. Method: 3541 | Date Extracted: 09/16/2011 07:35

Sample wt/vol: 15.02(g) | Date Analyzed: 09/18/2011 06:08

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86671 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 533000

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-1	6.48	16000	J
	Unknown Alkane-2	7.07	23000	J
	Unknown Alkane-3	7.38	14000	J
	Unknown Alkane-4	7.60	25000	J
	Unknown Alkane-5	8.09	17000	J
	Dichloro-1,1-biphenyl isomer-1	8.28	26000	J
	Unknown Alkane-6	8.56	13000	J
	Dichloro-1,1-biphenyl isomer-2	8.67	49000	J
593-45-3	n-Octadecane	9.00	27000	
	Trichloro-1,1-biphenyl isomer-1	9.03	72000	J
	Trichloro-1,1-biphenyl isomer-2	9.19	30000	J
	Trichloro-1,1-biphenyl isomer-4	9.44	81000	J
	Trichloro-1,1-biphenyl isomer-5	9.51	33000	J
	Trichloro-1,1-biphenyl isomer-6	9.58	14000	J
	Tetrachloro-1,1-biphenyl isomer-1	9.71	15000	J
	Tetrachloro-1,1-biphenyl isomer-2	9.87	17000	J
	Tetrachloro-1,1-biphenyl isomer-3	9.97	12000	J
	Tetrachloro-1,1-biphenyl isomer-4	10.20	18000	J
	Pentachloro-1,1''-biphenyl isomer	10.22	19000	J
	Tetrachloro-1,1-biphenyl isomer-5	10.35	12000	J

Data File: /chem/BNAMS10.i/8270/09-17-11/18sep11.b/p19381.d
Report Date: 20-Sep-2011 13:59

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/09-17-11/18sep11.b/p19381.d
Lab Smp Id: 460-30837-F-4-C Client Smp ID: PMP-24-VS-S (1-3)
Inj Date : 18-SEP-2011 06:08
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-30837-F-4-C
Misc Info : 460-30837-F-4-C
Comment   :
Method   : /chem/BNAMS10.i/8270/09-17-11/18sep11.b/8270C_08SP.m
Meth Date : 18-Sep-2011 06:59 asfawa Quant Type: ISTD
Cal Date : 17-SEP-2011 05:31 Cal File: p19351.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	15.02000	Weight of sample extracted (g)
M	6.73401	% 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	3.048	3.030	(0.685)	212846	16.4313	5900
$ 17 Phenol-d5 (SUR)	99	4.058	4.070	(0.912)	247139	15.3365	5500
113 n-decane	43	4.305	4.305	(0.967)	10375	0.93701	330(a)
* 79 1,4-Dichlorobenzene-d4	152	4.452	4.452	(1.000)	420317	40.0000	
22 1,4-Dichlorobenzene	146	4.470	4.470	(1.004)	3103	0.18426	66(a)
23 1,2-Dichlorobenzene	146	4.640	4.640	(1.042)	26331	1.71626	610(a)
$ 76 Nitrobenzene-d5 (SUR)	82	5.051	5.057	(0.869)	132266	9.54193	3400
30 1,2,4-Trichlorobenzene	180	5.762	5.762	(0.991)	234251	20.7704	7400
* 80 Naphthalene-d8	136	5.815	5.815	(1.000)	1181477	40.0000	
31 Naphthalene	128	5.833	5.839	(1.003)	11304	0.37091	130(a)
34 2-Methylnaphthalene	142	6.555	6.561	(1.127)	242278	11.9934	4300
120 1-Methylnaphthalene	142	6.655	6.661	(1.144)	162060	7.84498	2800(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.937	6.943	(0.912)	158106	9.05875	3200

Data File: /chem/BNAMS10.i/8270/09-17-11/18sep11.b/p19381.d
Report Date: 20-Sep-2011 13:59

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	102 Diphenyl	154	7.037	7.037	(0.925)	51666	2.72078	970(a)
	103 Diphenyl Ether	170	7.149	7.149	(0.940)	6772	0.62573	220(a)
	125 1,3-Dimethylnaphthalene	156	7.272	7.278	(0.956)	171249	13.7267	4900
*	82 Acenaphthene-d10	164	7.607	7.607	(1.000)	506640	40.0000	
	42 Acenaphthene	154	7.642	7.642	(1.005)	14162	1.03760	370(a)
	47 Fluorene	166	8.154	8.154	(1.072)	10515	0.64868	230(a)
$	18 2,4,6-Tribromophenol (SUR)	330	8.389	8.395	(1.103)	23741	10.3641	3700
	115 n-Octadecane	57	9.000	8.994	(0.992)	445143	76.1187	27000
*	83 Phenanthrene-d10	188	9.076	9.076	(1.000)	572156	40.0000	
	52 Phenanthrene	178	9.100	9.100	(1.003)	22970	1.44687	520(a)
	53 Anthracene	178	9.147	9.147	(1.008)	2879	0.17754	63(a)
$	78 Terphenyl-d14	244	10.645	10.645	(0.904)	82685	7.31943	2600
*	81 Chrysene-d12	240	11.779	11.785	(1.000)	419961	40.0000	
*	84 Perylene-d12	264	13.636	13.641	(1.000)	393069	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS10.i/8270/09-17-11/18sep11.b/p19381.d
Report Date: 20-Sep-2011 13:59

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/09-17-11/18sep11.b/p19381.d
Lab Smp Id: 460-30837-F-4-C Client Smp ID: PMP-24-VS-S (1-3)
Inj Date : 18-SEP-2011 06:08
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-30837-F-4-C
Misc Info : 460-30837-F-4-C
Comment   :
Method   : /chem/BNAMS10.i/8270/09-17-11/18sep11.b/8270C_08SP.m
Meth Date : 18-Sep-2011 06:59 asfawa Quant Type: ISTD
Cal Date : 17-SEP-2011 05:31 Cal File: p19351.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	15.02000	Weight of sample extracted (g)
M	6.73401	% Moisture

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 80 Naphthalene-d8	5.815	3875892	40.000
* 83 Phenanthrene-d10	9.076	5017053	40.000

	CONCENTRATIONS			QUANT			
	RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane-1						CAS #:		
	6.485	4413493	45.5481491	16000	0		0	80

Data File: /chem/BNAMS10.i/8270/09-17-11/18sep11.b/p19381.d
Report Date: 20-Sep-2011 13:59

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane-2				CAS #:			
7.067	6237909	64.3764905	23000	0		0	80
Unknown Alkane-3				CAS #:			
7.384	3870671	39.9461161	14000	0		0	80
Unknown Alkane-4				CAS #:			
7.595	8905071	70.9984192	25000	0		0	83
Unknown Alkane-5				CAS #:			
8.089	5984979	47.7170890	17000	0		0	83
Dichloro-1,1-biphenyl isomer-1				CAS #:			
8.277	9260862	73.8350756	26000	0		0	83
Unknown Alkane-6				CAS #:			
8.559	4570256	36.4377692	13000	0		0	83
Dichloro-1,1-biphenyl isomer-2				CAS #:			
8.671	17152138	136.750702	49000	0		0	83
Trichloro-1,1-biphenyl isomer-1				CAS #:			
9.035	25135742	200.402441	72000	0		0	83
Trichloro-1,1-biphenyl isomer-2				CAS #:			
9.194	10623886	84.7022002	30000	0		0	83
Trichloro-1,1-biphenyl isomer-3				CAS #:			
9.352	3605574	28.7465519	10000	0		0	83(L)
Trichloro-1,1-biphenyl isomer-4				CAS #:			
9.440	28580042	227.863182	81000	0		0	83
Trichloro-1,1-biphenyl isomer-5				CAS #:			
9.511	11658661	92.9522676	33000	0		0	83
Trichloro-1,1-biphenyl isomer-6				CAS #:			
9.575	4870246	38.8295317	14000	0		0	83
Tetrachloro-1,1-biphenyl isomer-1				CAS #:			
9.711	5394796	43.0116680	15000	0		0	83
Tetrachloro-1,1-biphenyl isomer-2				CAS #:			
9.869	6134208	48.9068593	17000	0		0	83

Data File: /chem/BNAMS10.i/8270/09-17-11/18sep11.b/p19381.d
Report Date: 20-Sep-2011 13:59

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Tetrachloro-1,1-biphenyl isomer-3					CAS #:		
9.969	4271403	34.0550764	12000	0		0	83
Tetrachloro-1,1-biphenyl isomer-4					CAS #:		
10.198	6270281	49.9917447	18000	0		0	83
Pentachloro-1,1'-biphenyl isomer					CAS #:		
10.216	6679968	53.2580974	19000	0		0	83
Tetrachloro-1,1-biphenyl isomer-5					CAS #:		
10.345	4190917	33.4133730	12000	0		0	83

QC Flag Legend

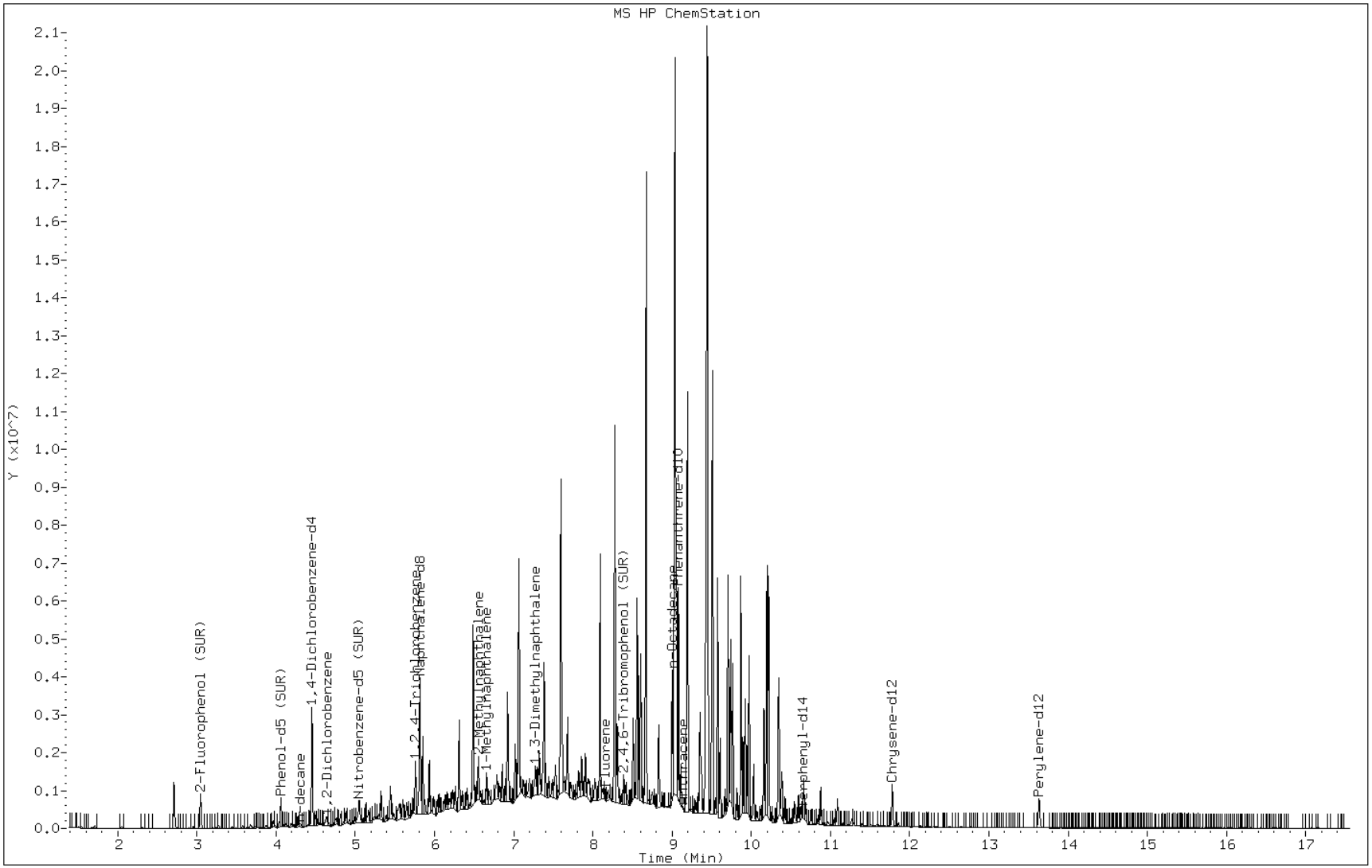
L - Operator selected an alternate library search match.

Data File: p19381.d

Date: 18-SEP-2011 06:08

Client ID: PMP-24-VS-S (1-3) Instrument: BNAMS10.i

Sample Info: 460-30837-F-4-C Operator: BNAMS 4



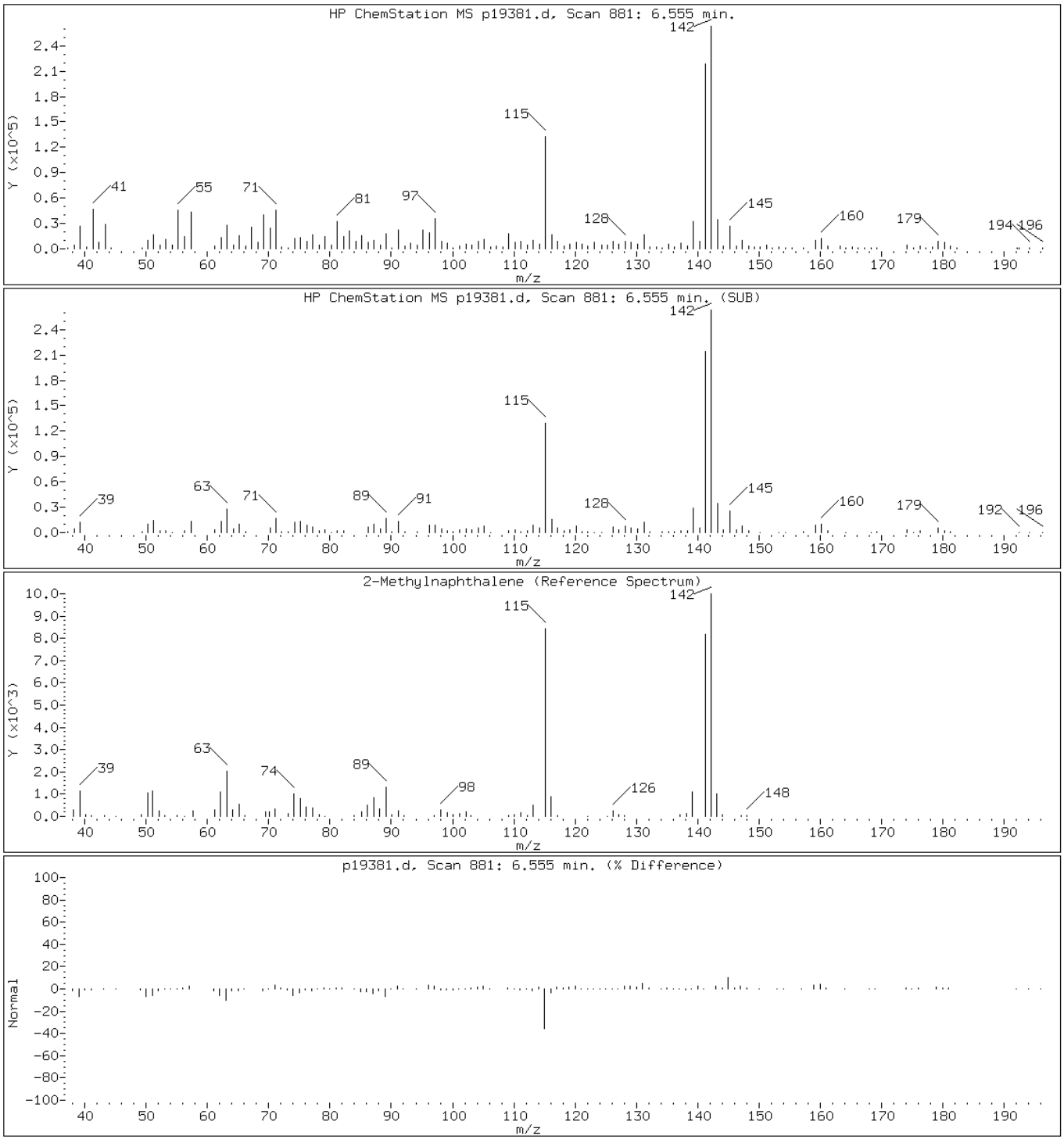
Data File: p19381.d

Date: 18-SEP-2011 06:08

Client ID: PMP-24-VS-S (1-3) Instrument: BNAMS10.i

Sample Info: 460-30837-F-4-C Operator: BNAMS 4

34 2-Methylnaphthalene



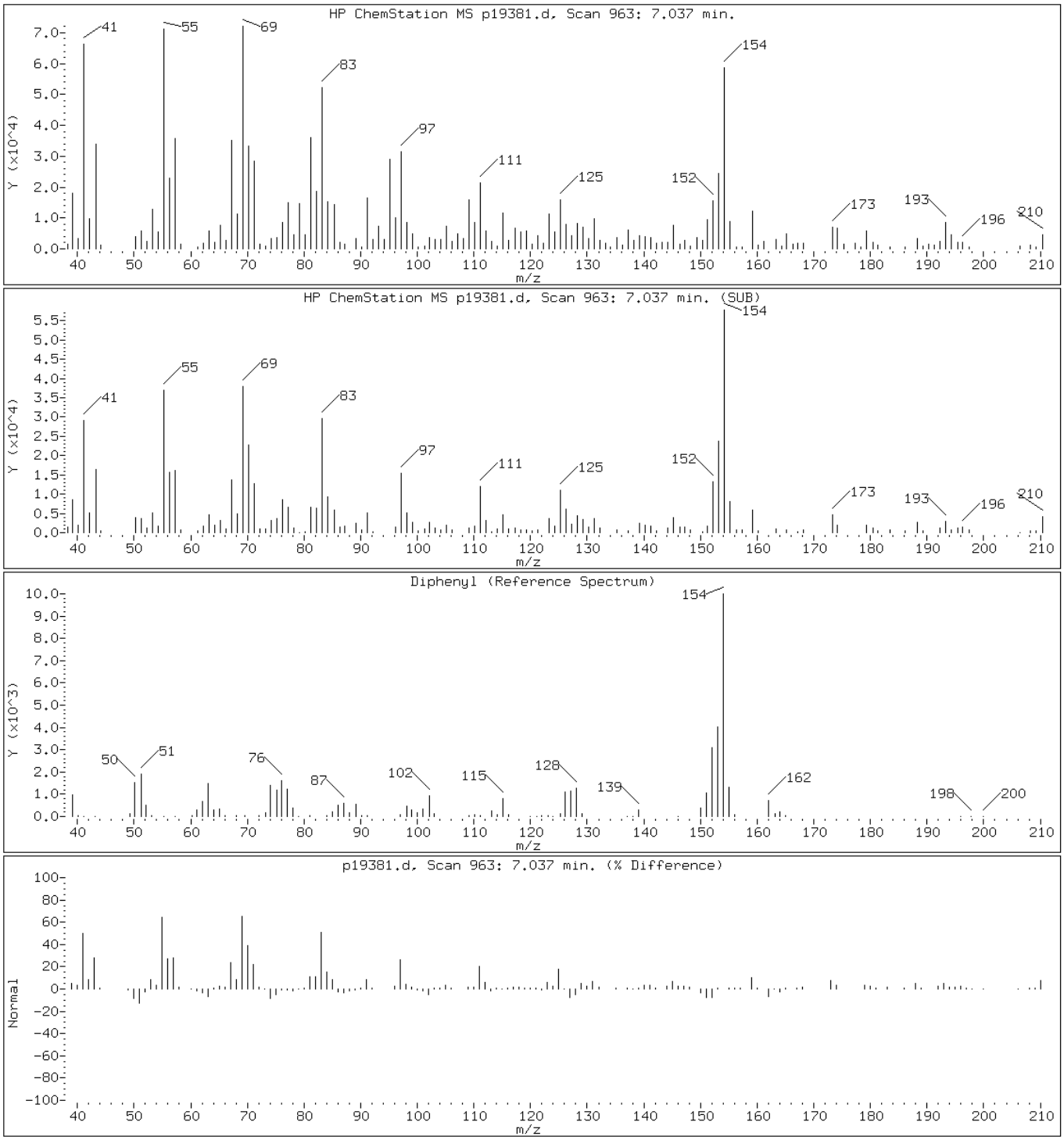
Data File: p19381.d

Date: 18-SEP-2011 06:08

Client ID: PMP-24-VS-S (1-3) Instrument: BNAMS10.i

Sample Info: 460-30837-F-4-C Operator: BNAMS 4

102 Diphenyl



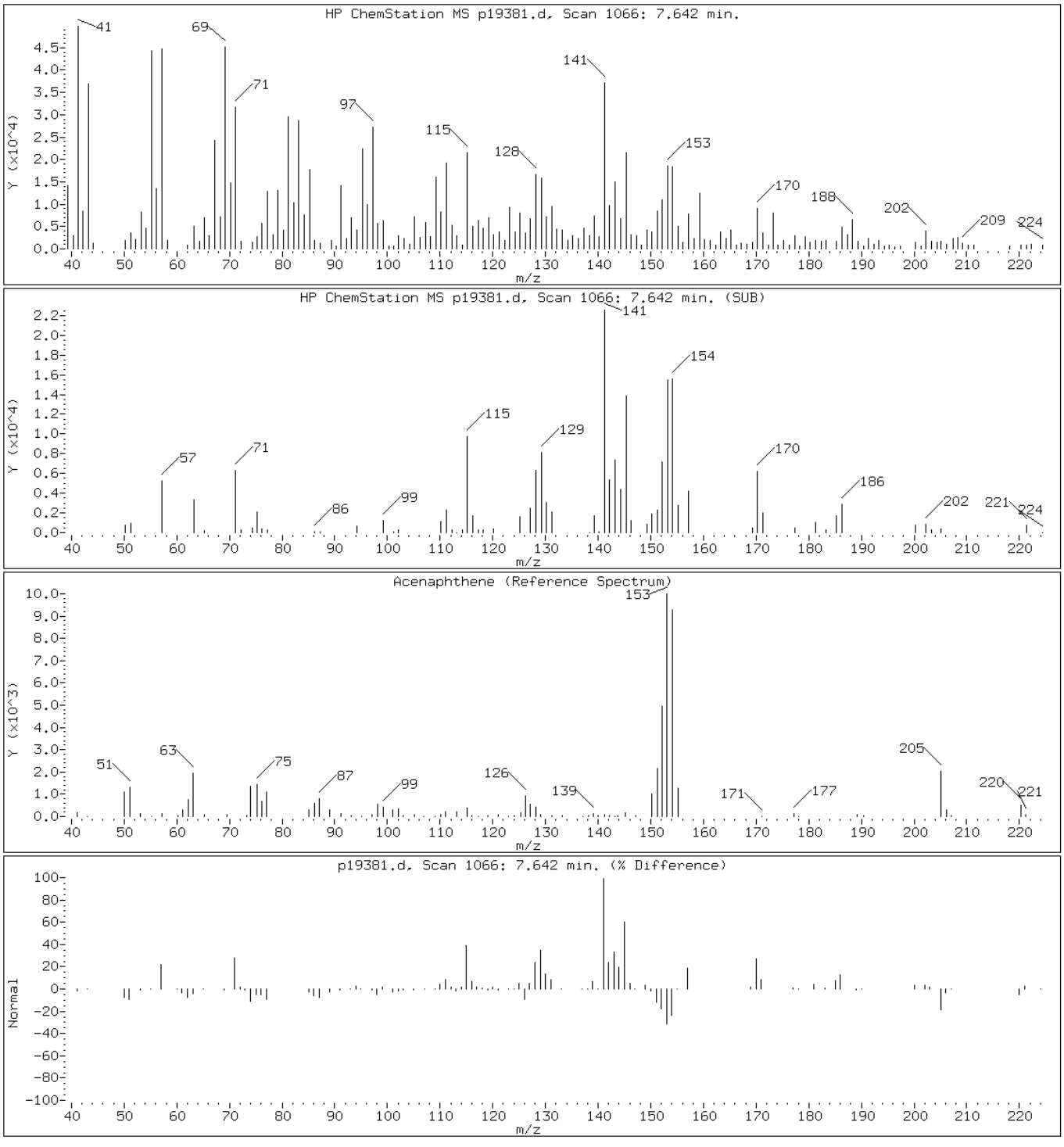
Data File: p19381.d

Date: 18-SEP-2011 06:08

Client ID: PMP-24-VS-S (1-3) Instrument: BNAMS10.i

Sample Info: 460-30837-F-4-C Operator: BNAMS 4

42 Acenaphthene



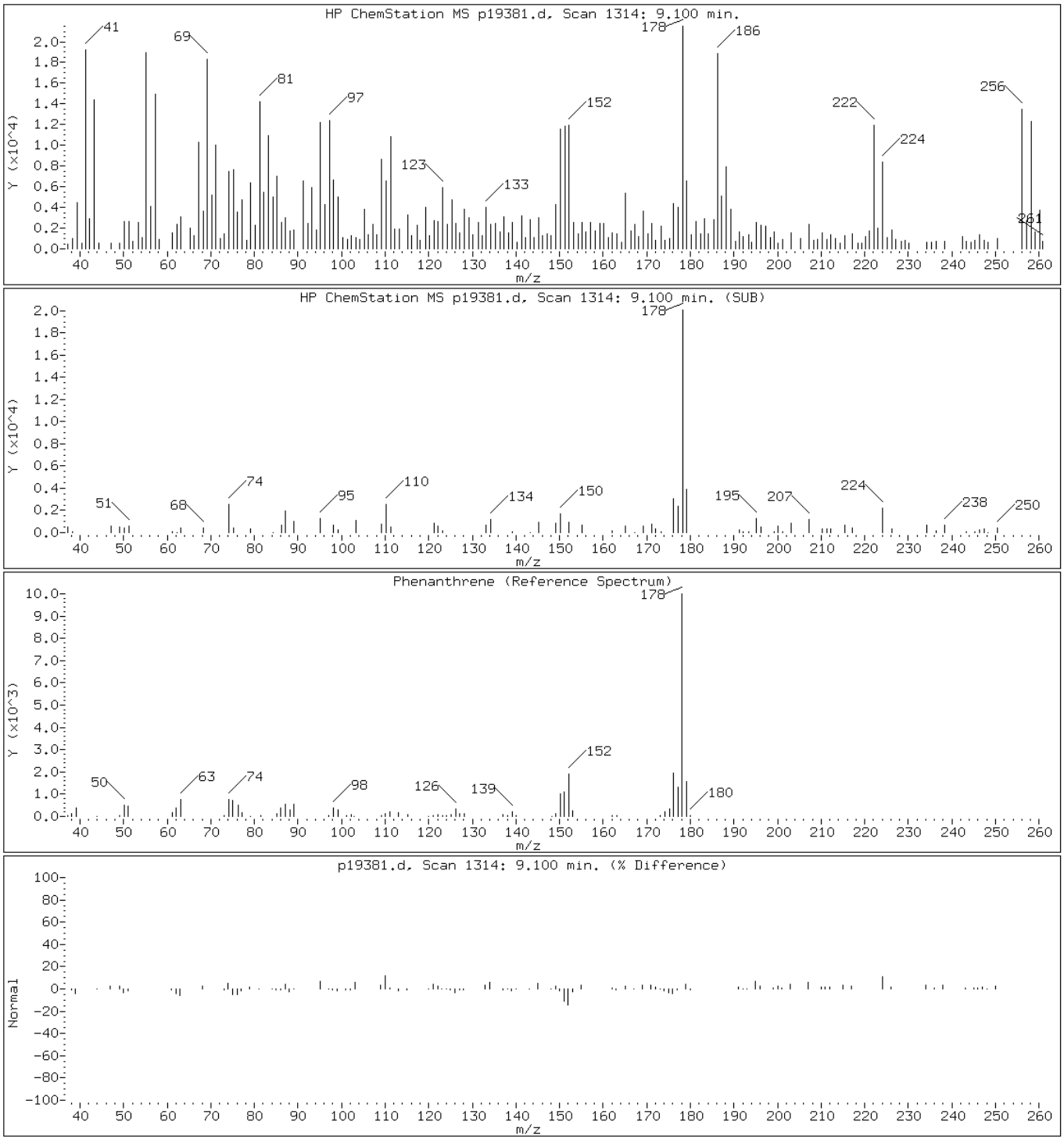
Data File: p19381.d

Date: 18-SEP-2011 06:08

Client ID: PMP-24-VS-S (1-3) Instrument: BNAMS10.i

Sample Info: 460-30837-F-4-C Operator: BNAMS 4

52 Phenanthrene



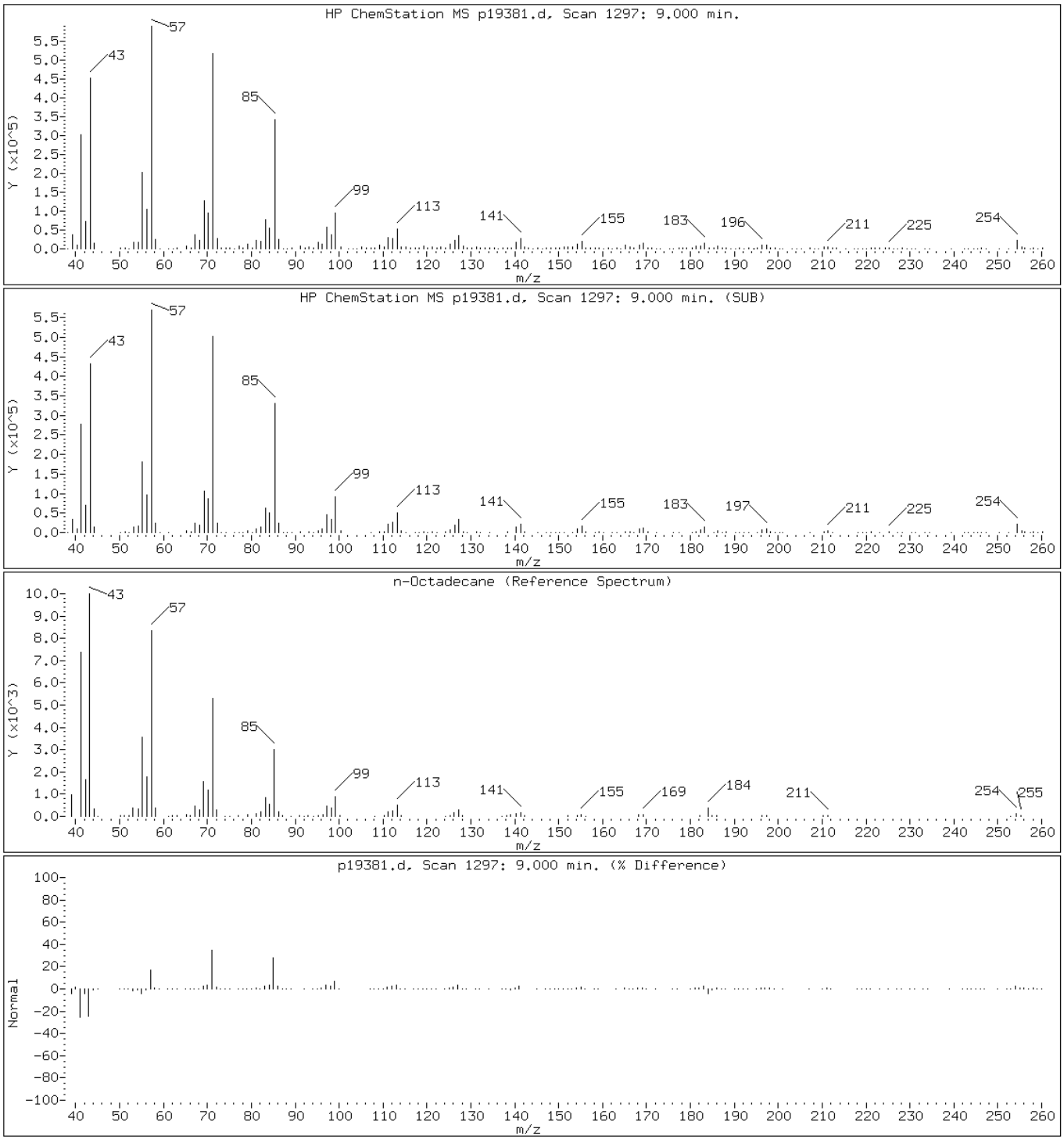
Data File: p19381.d

Date: 18-SEP-2011 06:08

Client ID: PMP-24-VS-S (1-3) Instrument: BNAMS10.i

Sample Info: 460-30837-F-4-C Operator: BNAMS 4

115 n-Octadecane



Data File: p19381.d

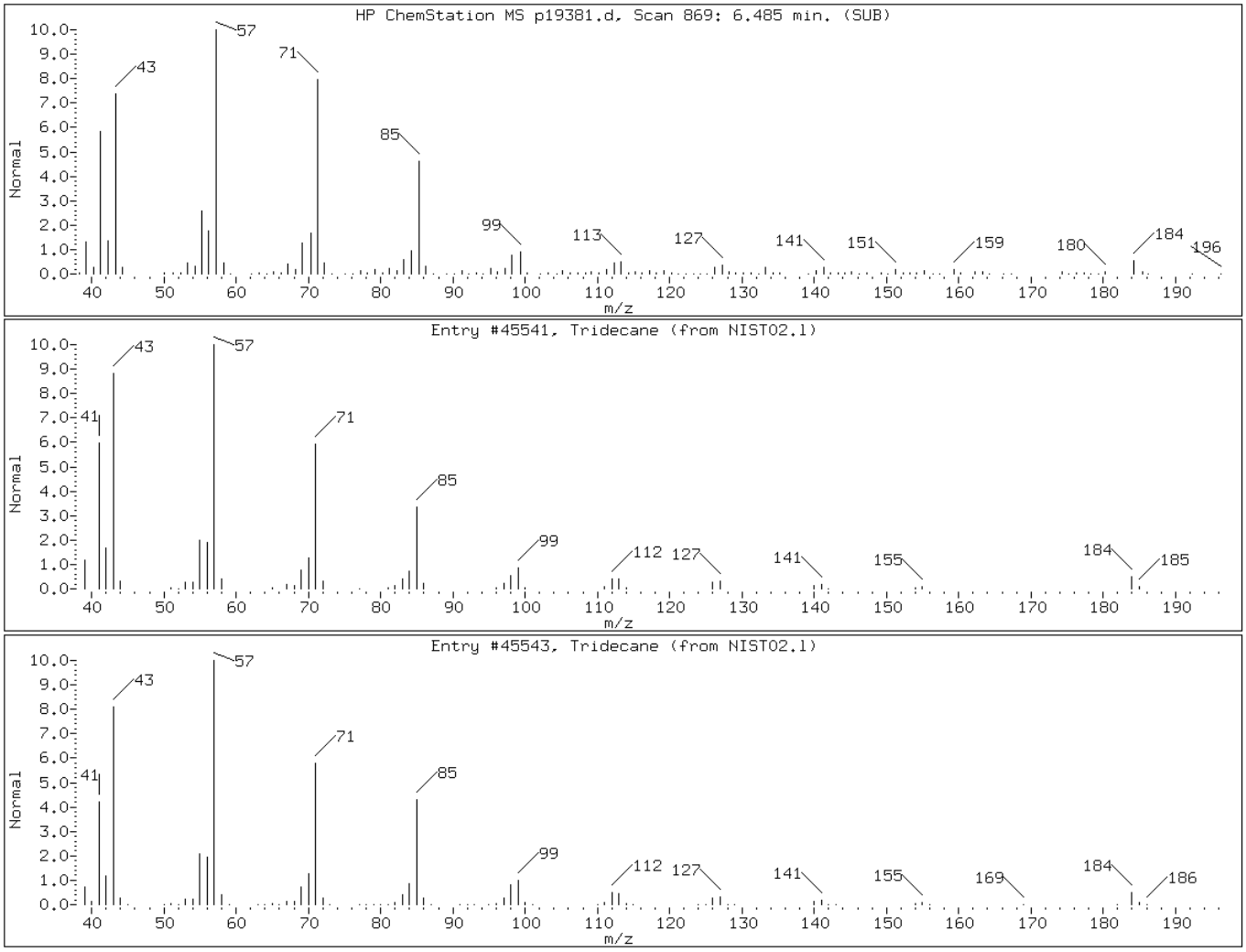
Date: 18-SEP-2011 06:08

Client ID: PMP-24-VS-S (1-3) Instrument: BNAMS10.i

Sample Info: 460-30837-F-4-C Operator: BNAMS 4

Retention Time: 6.48

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Tridecane	629-50-5	NIST02.l	45541	97	C13H28	184
Tridecane	629-50-5	NIST02.l	45543	97	C13H28	184



Data File: p19381.d

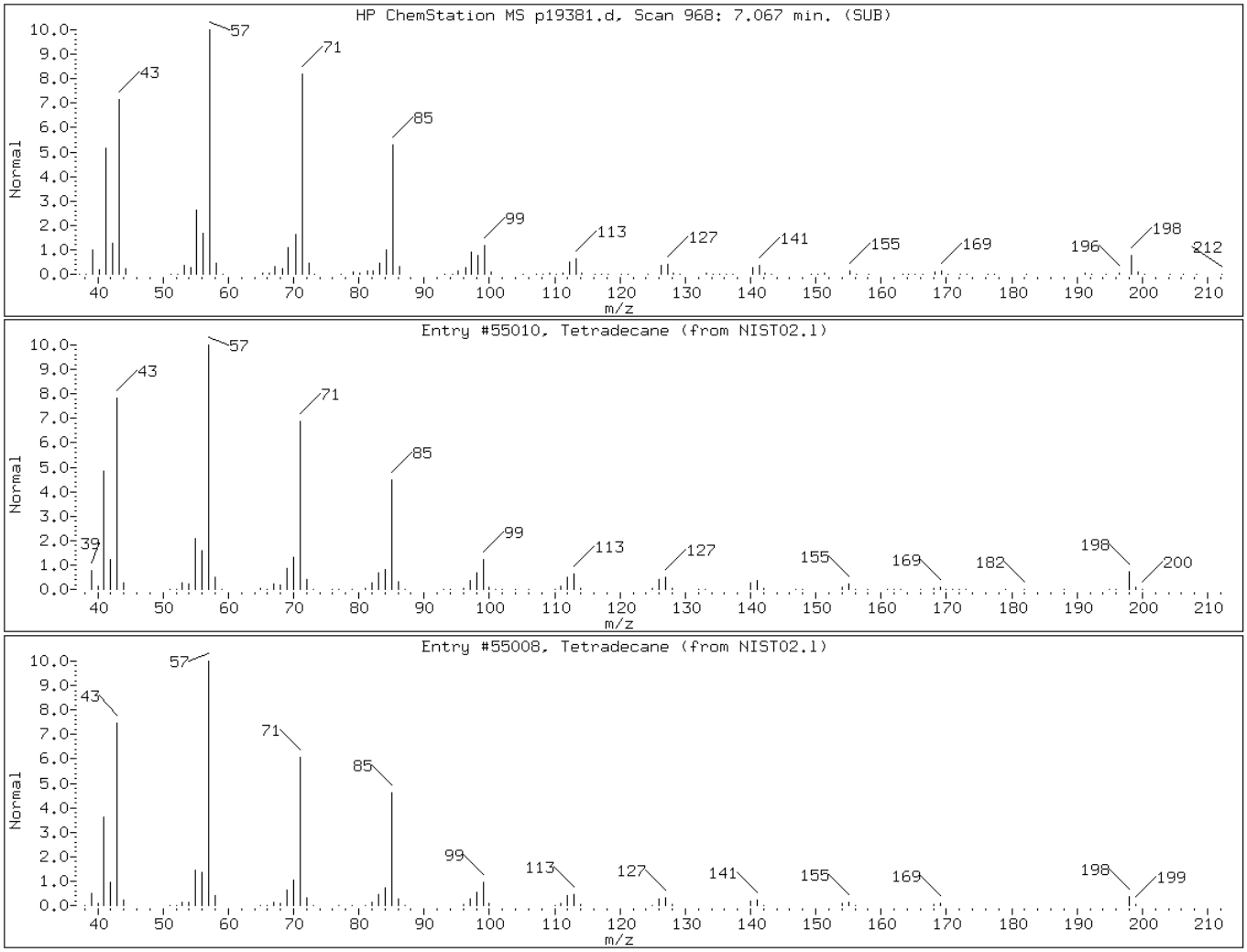
Date: 18-SEP-2011 06:08

Client ID: PMP-24-VS-S (1-3) Instrument: BNAMS10.i

Sample Info: 460-30837-F-4-C 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	55010	98	C14H30	198
Tetradecane	629-59-4	NIST02.l	55008	95	C14H30	198



Data File: p19381.d

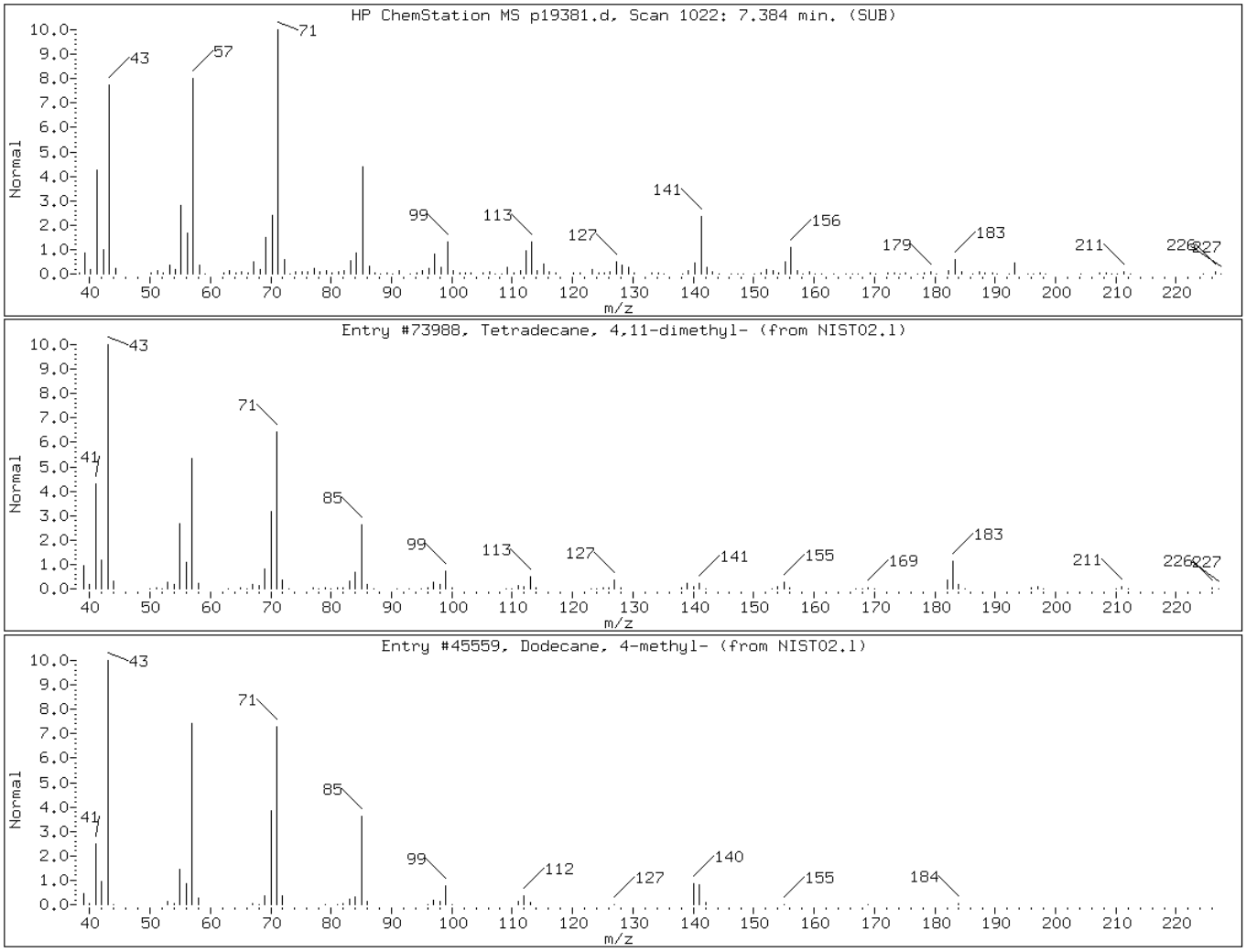
Date: 18-SEP-2011 06:08

Client ID: PMP-24-VS-S (1-3) Instrument: BNAMS10.i

Sample Info: 460-30837-F-4-C Operator: BNAMS 4

Retention Time: 7.38

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Tetradecane, 4,11-dimethyl-	55045-12-0	NIST02.l	73988	70	C16H34	226
Dodecane, 4-methyl-	6117-97-1	NIST02.l	45559	68	C13H28	184



Data File: p19381.d

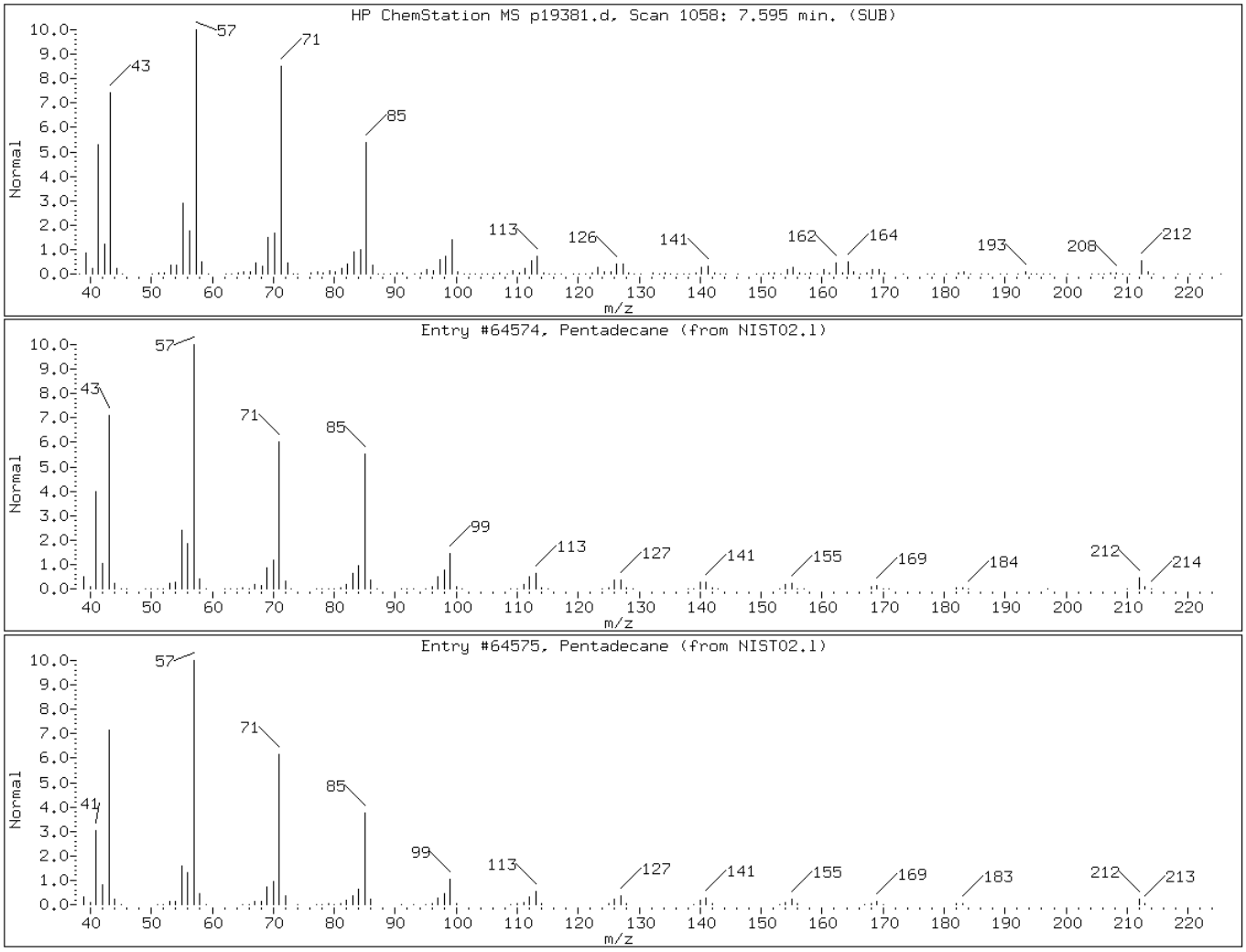
Date: 18-SEP-2011 06:08

Client ID: PMP-24-VS-S (1-3) Instrument: BNAMS10.i

Sample Info: 460-30837-F-4-C Operator: BNAMS 4

Retention Time: 7.60

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Pentadecane	629-62-9	NIST02.l	64574	96	C15H32	212
Pentadecane	629-62-9	NIST02.l	64575	93	C15H32	212



Data File: p19381.d

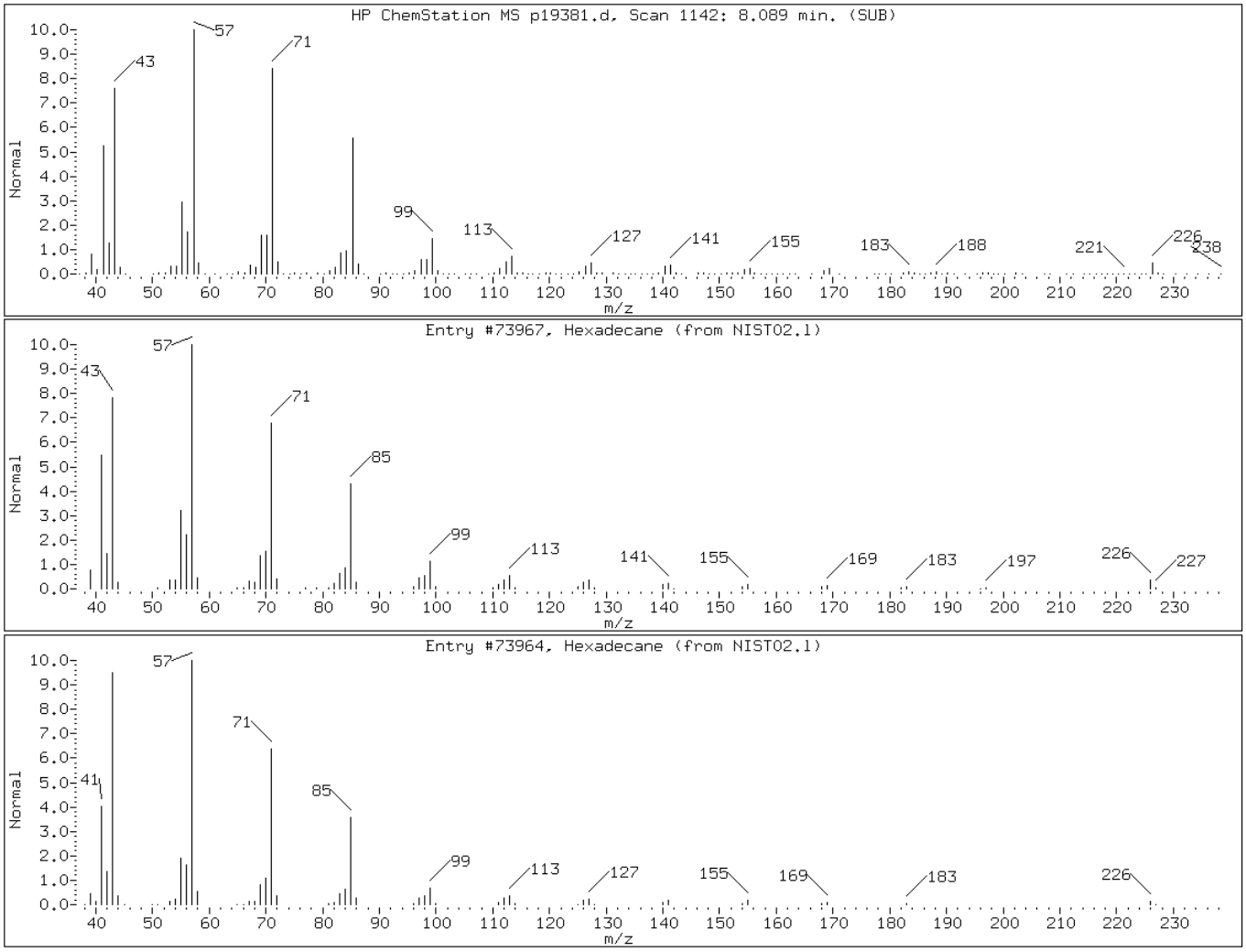
Date: 18-SEP-2011 06:08

Client ID: PMP-24-VS-S (1-3) Instrument: BNAMS10.i

Sample Info: 460-30837-F-4-C Operator: BNAMS 4

Retention Time: 8.09

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Hexadecane	544-76-3	NIST02.l	73967	95	C16H34	226
Hexadecane	544-76-3	NIST02.l	73964	94	C16H34	226



Data File: p19381.d

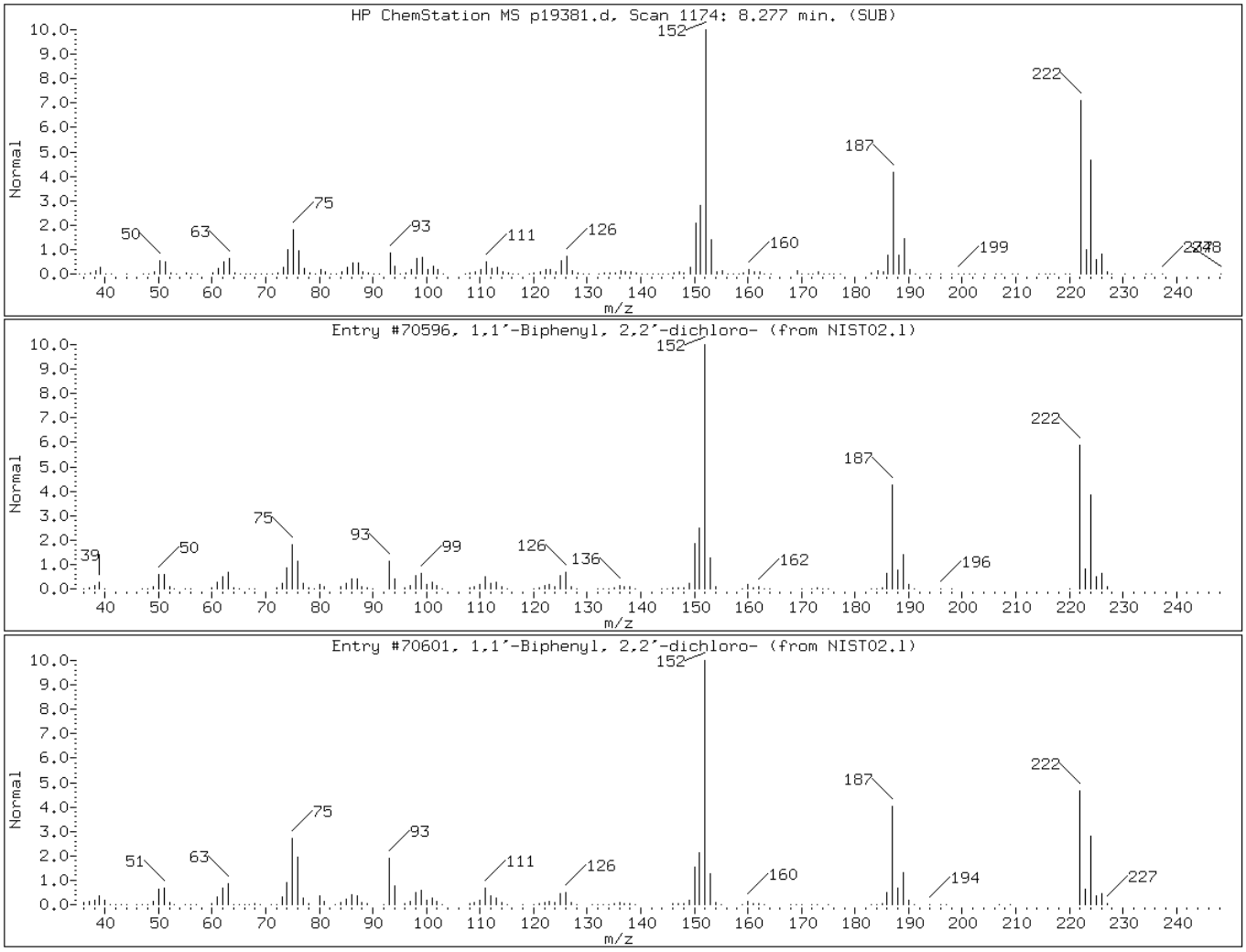
Date: 18-SEP-2011 06:08

Client ID: PMP-24-VS-S (1-3) Instrument: BNAMS10.i

Sample Info: 460-30837-F-4-C Operator: BNAMS 4

Retention Time: 8.28

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dichloro-1,1-biphenyl isomer-1						
1,1'-Biphenyl, 2,2'-dichloro-	13029-08-8	NIST02.l	70596	99	C12H8Cl2	222
1,1'-Biphenyl, 2,2'-dichloro-	13029-08-8	NIST02.l	70601	98	C12H8Cl2	222



Data File: p19381.d

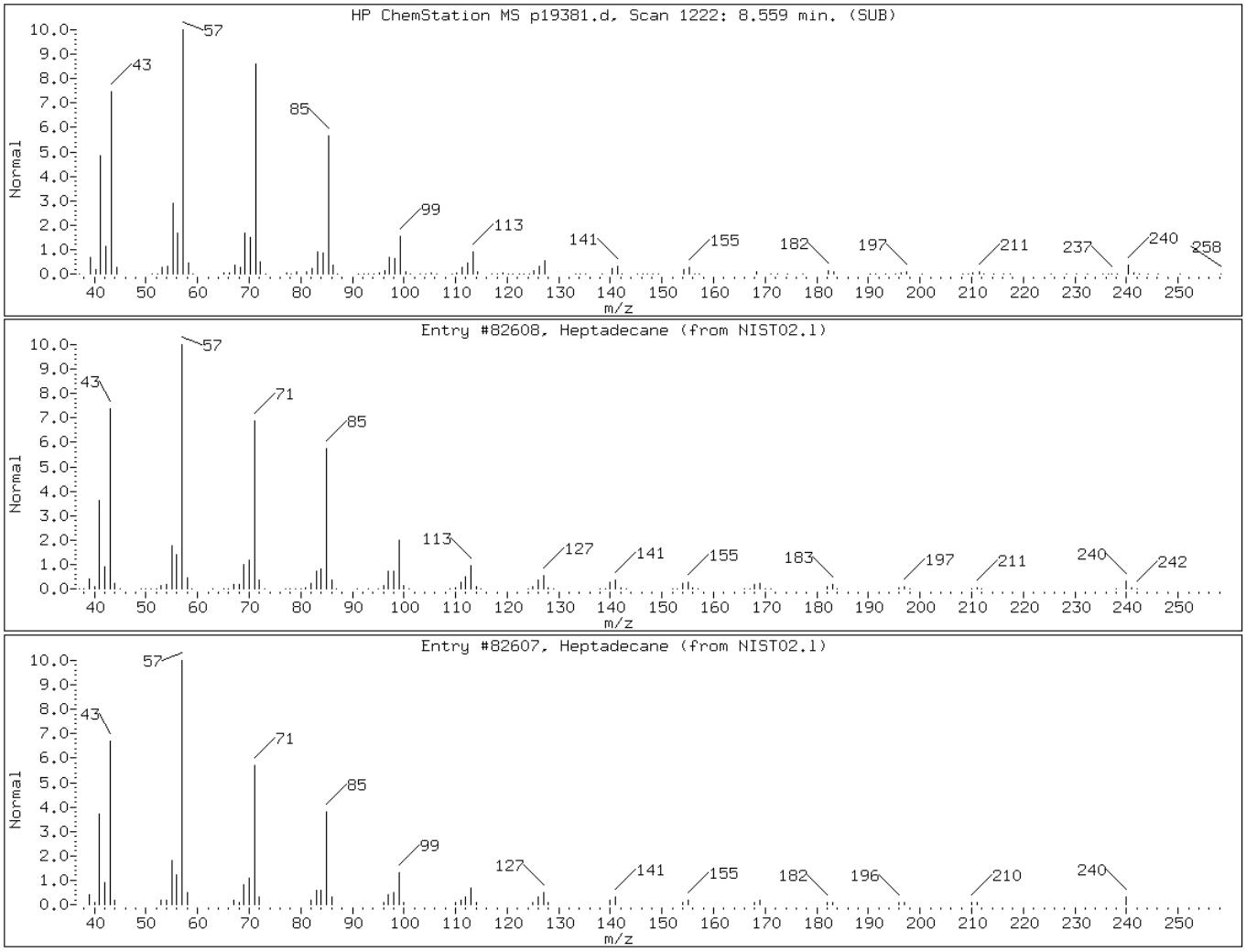
Date: 18-SEP-2011 06:08

Client ID: PMP-24-VS-S (1-3) Instrument: BNAMS10.i

Sample Info: 460-30837-F-4-C Operator: BNAMS 4

Retention Time: 8.56

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Heptadecane	629-78-7	NIST02.l	82608	97	C17H36	240
Heptadecane	629-78-7	NIST02.l	82607	96	C17H36	240



Data File: p19381.d

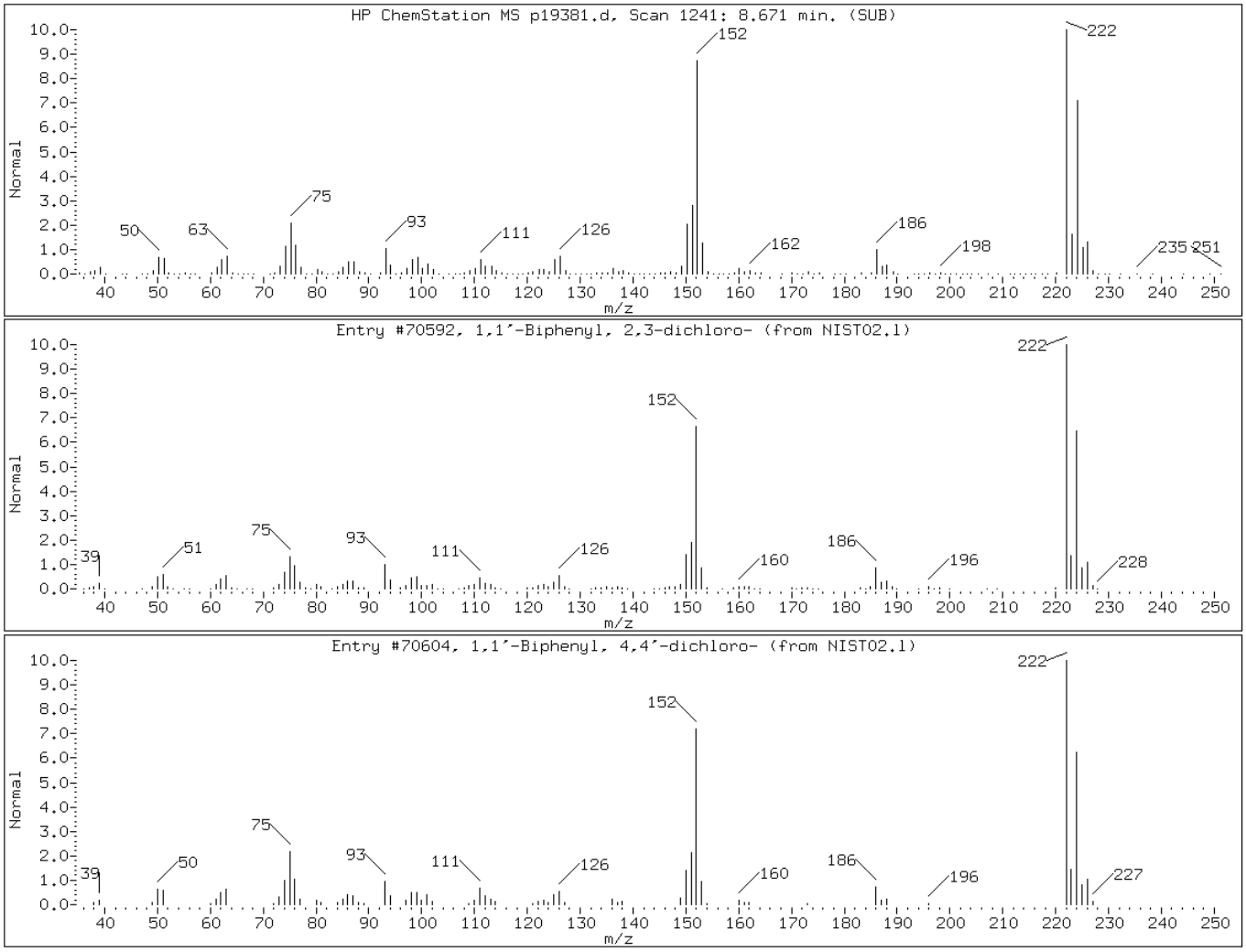
Date: 18-SEP-2011 06:08

Client ID: PMP-24-VS-S (1-3) Instrument: BNAMS10.i

Sample Info: 460-30837-F-4-C Operator: BNAMS 4

Retention Time: 8.67

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dichloro-1,1-biphenyl isomer-2						
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	70604	99	C12H8Cl2	222



Data File: p19381.d

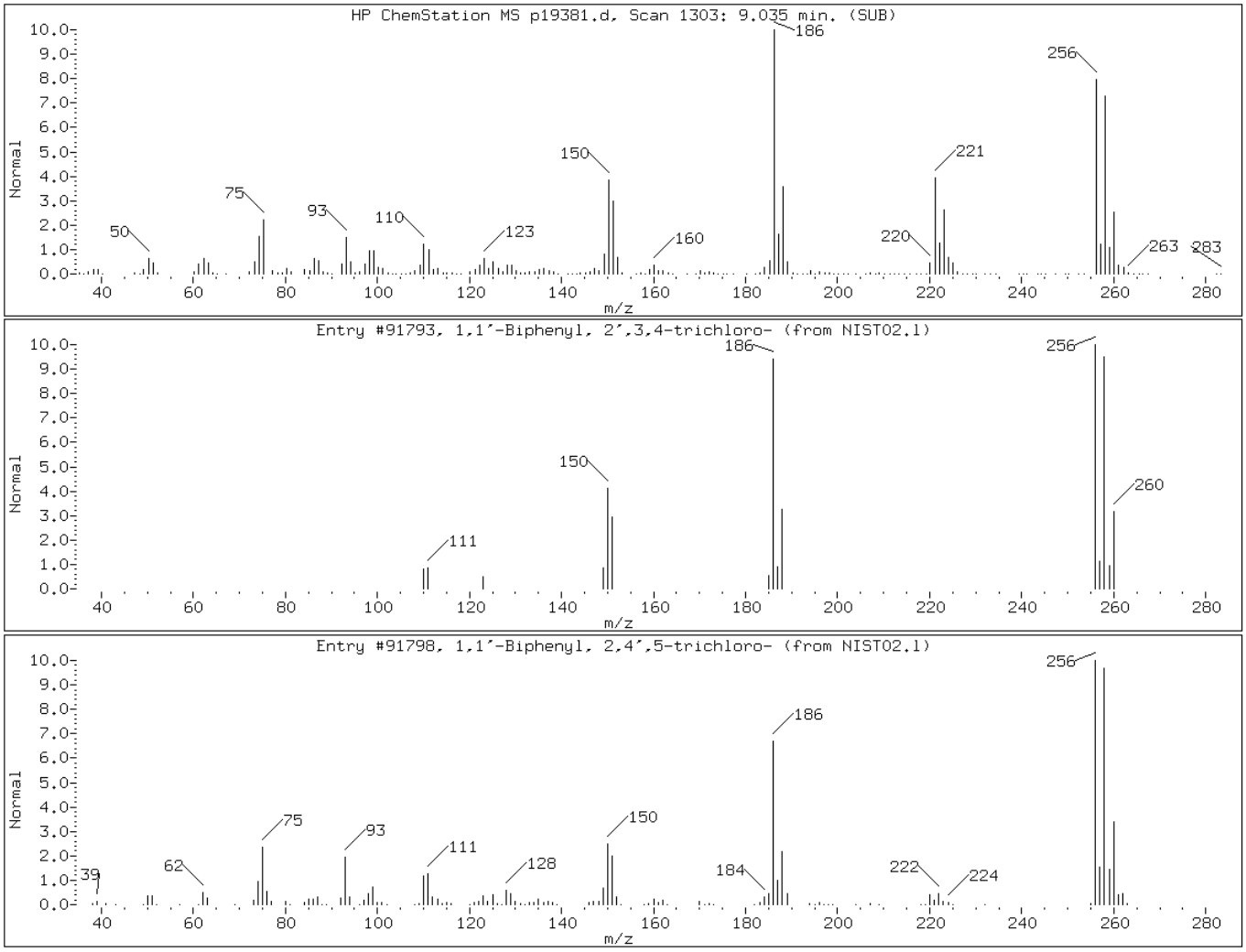
Date: 18-SEP-2011 06:08

Client ID: PMP-24-VS-S (1-3) Instrument: BNAMS10.i

Sample Info: 460-30837-F-4-C Operator: BNAMS 4

Retention Time: 9.03

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	98	C12H7Cl3	256
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91798	96	C12H7Cl3	256



Data File: p19381.d

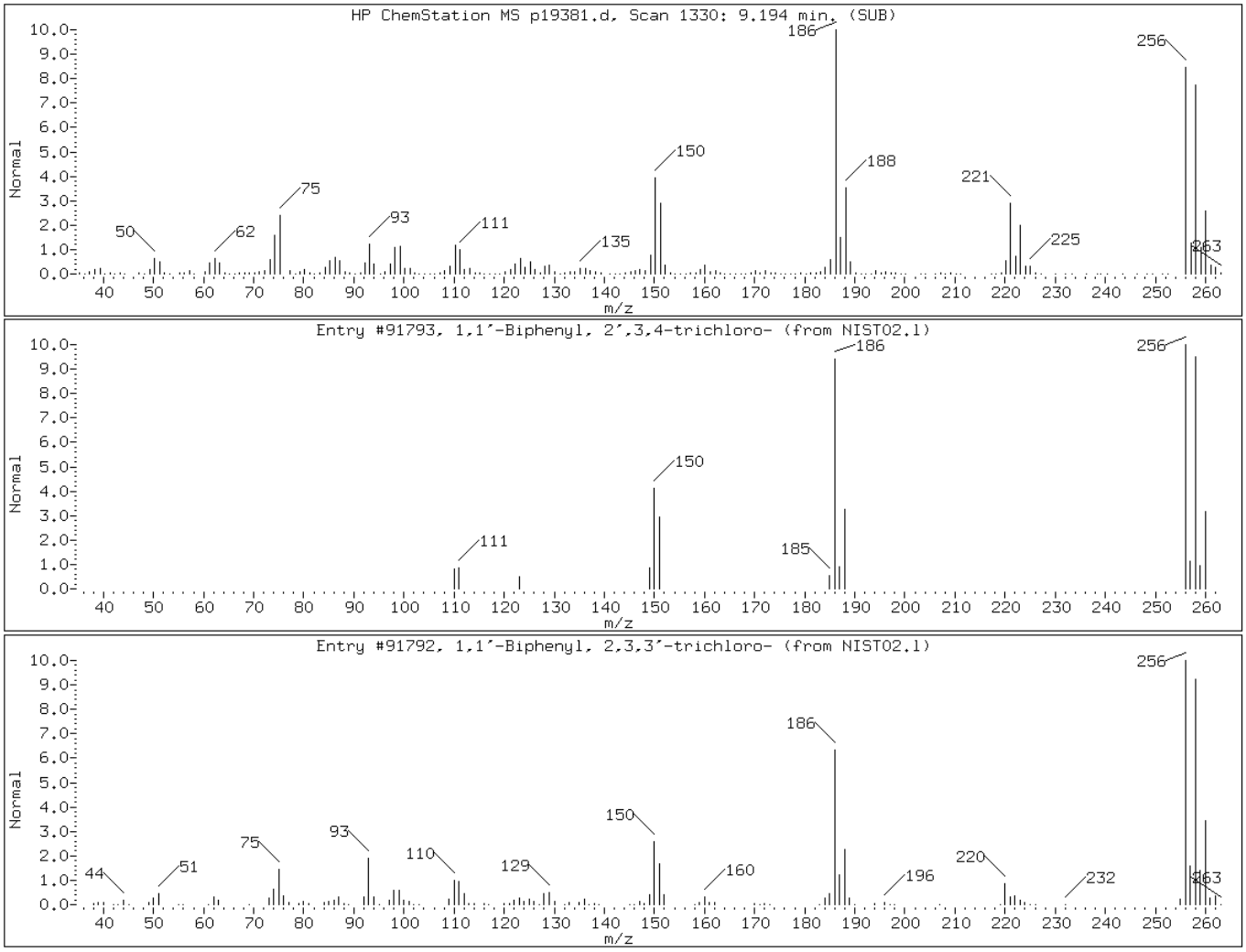
Date: 18-SEP-2011 06:08

Client ID: PMP-24-VS-S (1-3) Instrument: BNAMS10.i

Sample Info: 460-30837-F-4-C Operator: BNAMS 4

Retention Time: 9.19

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-2						
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.l	91793	99	C12H7Cl3	256
1,1'-Biphenyl, 2,3,3'-trichloro-	38444-84-7	NIST02.l	91792	97	C12H7Cl3	256



Data File: p19381.d

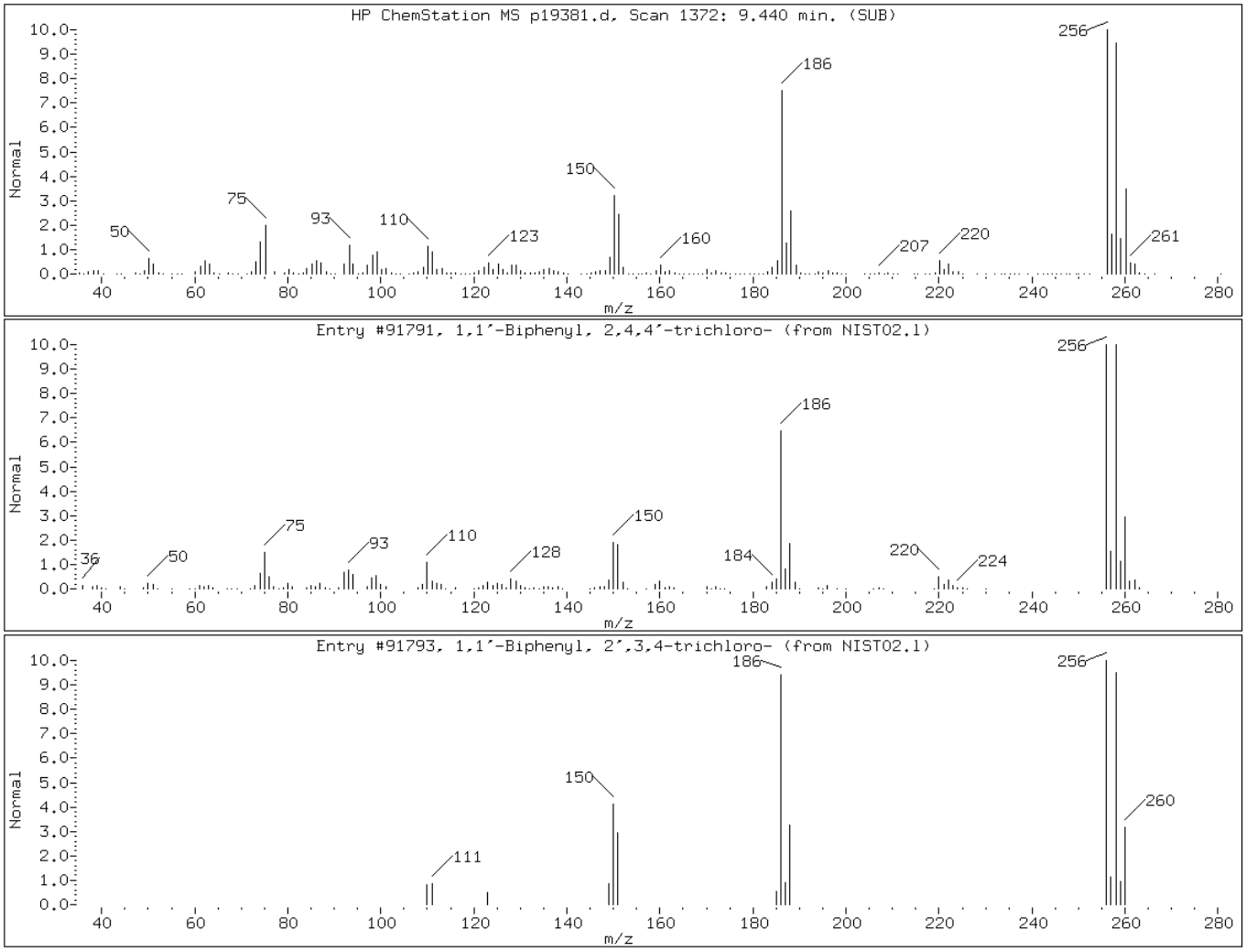
Date: 18-SEP-2011 06:08

Client ID: PMP-24-VS-S (1-3) Instrument: BNAMS10.i

Sample Info: 460-30837-F-4-C Operator: BNAMS 4

Retention Time: 9.44

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	91791	99	C12H7Cl3	256
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.l	91793	98	C12H7Cl3	256



Data File: p19381.d

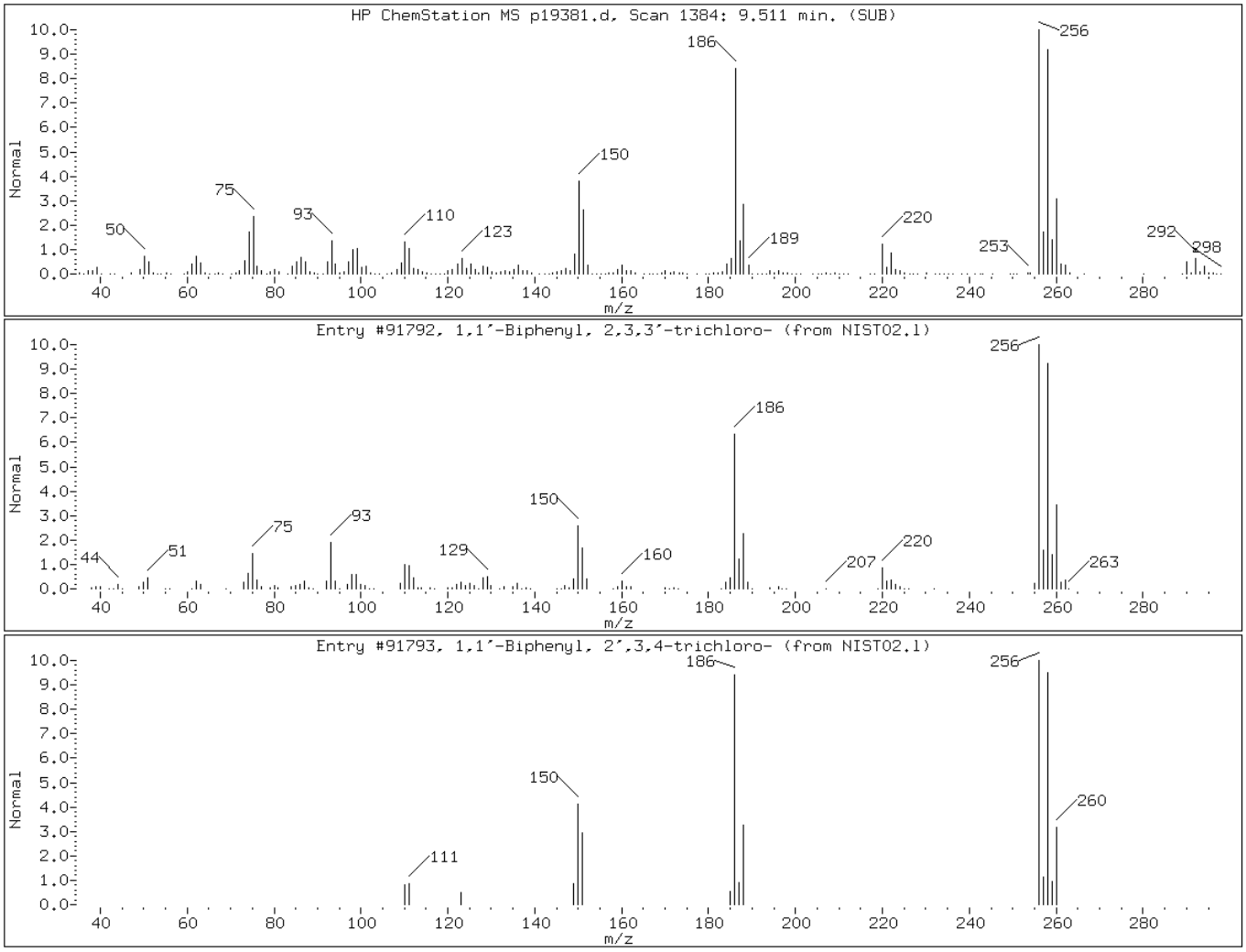
Date: 18-SEP-2011 06:08

Client ID: PMP-24-VS-S (1-3) Instrument: BNAMS10.i

Sample Info: 460-30837-F-4-C Operator: BNAMS 4

Retention Time: 9.51

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-5						
1,1'-Biphenyl, 2,3,3'-trichloro-	38444-84-7	NIST02.l	91792	98	C12H7Cl3	256
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.l	91793	98	C12H7Cl3	256



Data File: p19381.d

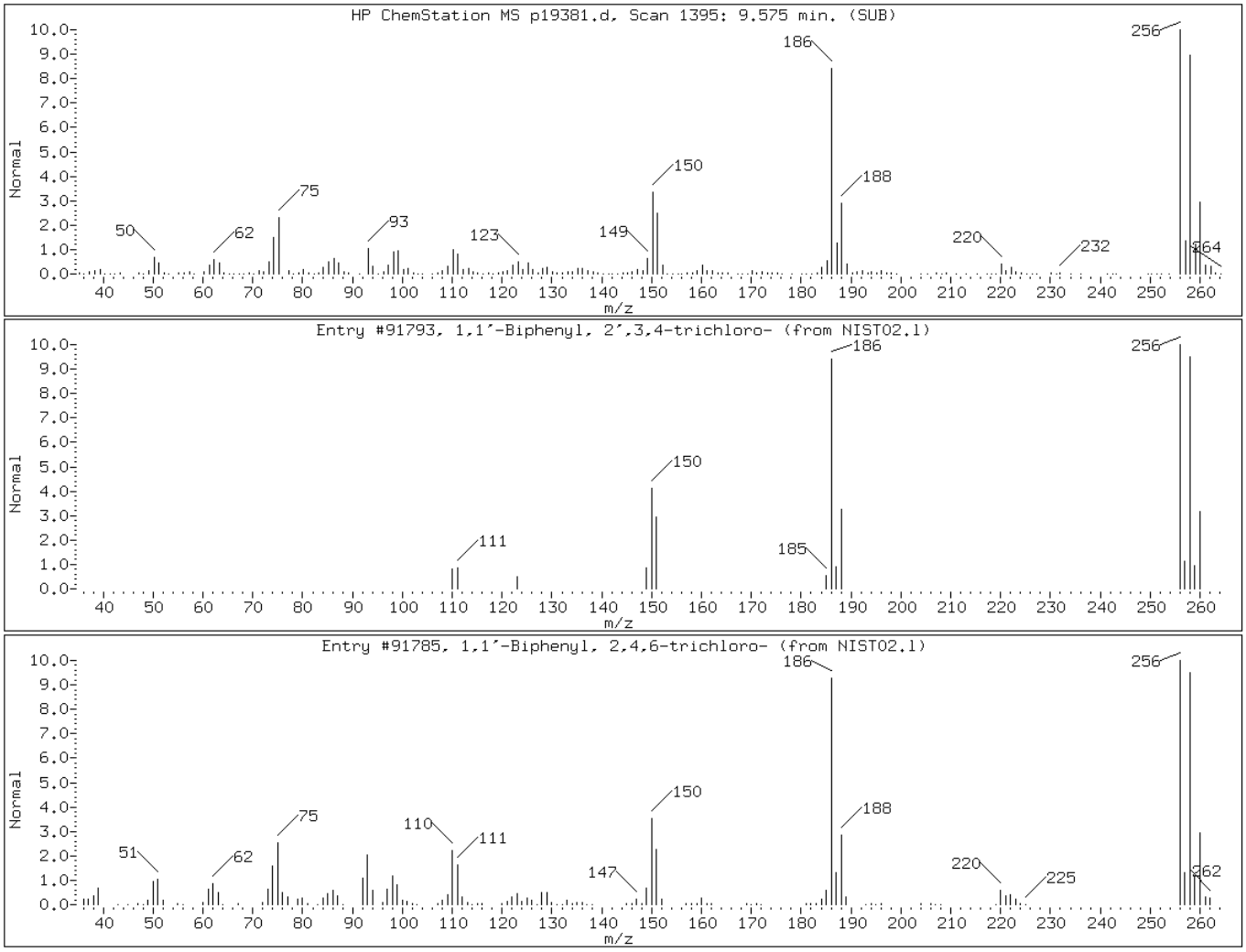
Date: 18-SEP-2011 06:08

Client ID: PMP-24-VS-S (1-3) Instrument: BNAMS10.i

Sample Info: 460-30837-F-4-C Operator: BNAMS 4

Retention Time: 9.58

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-6						
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.l	91793	98	C12H7Cl3	256
1,1'-Biphenyl, 2,4,6-trichloro-	35693-92-6	NIST02.l	91785	95	C12H7Cl3	256



Data File: p19381.d

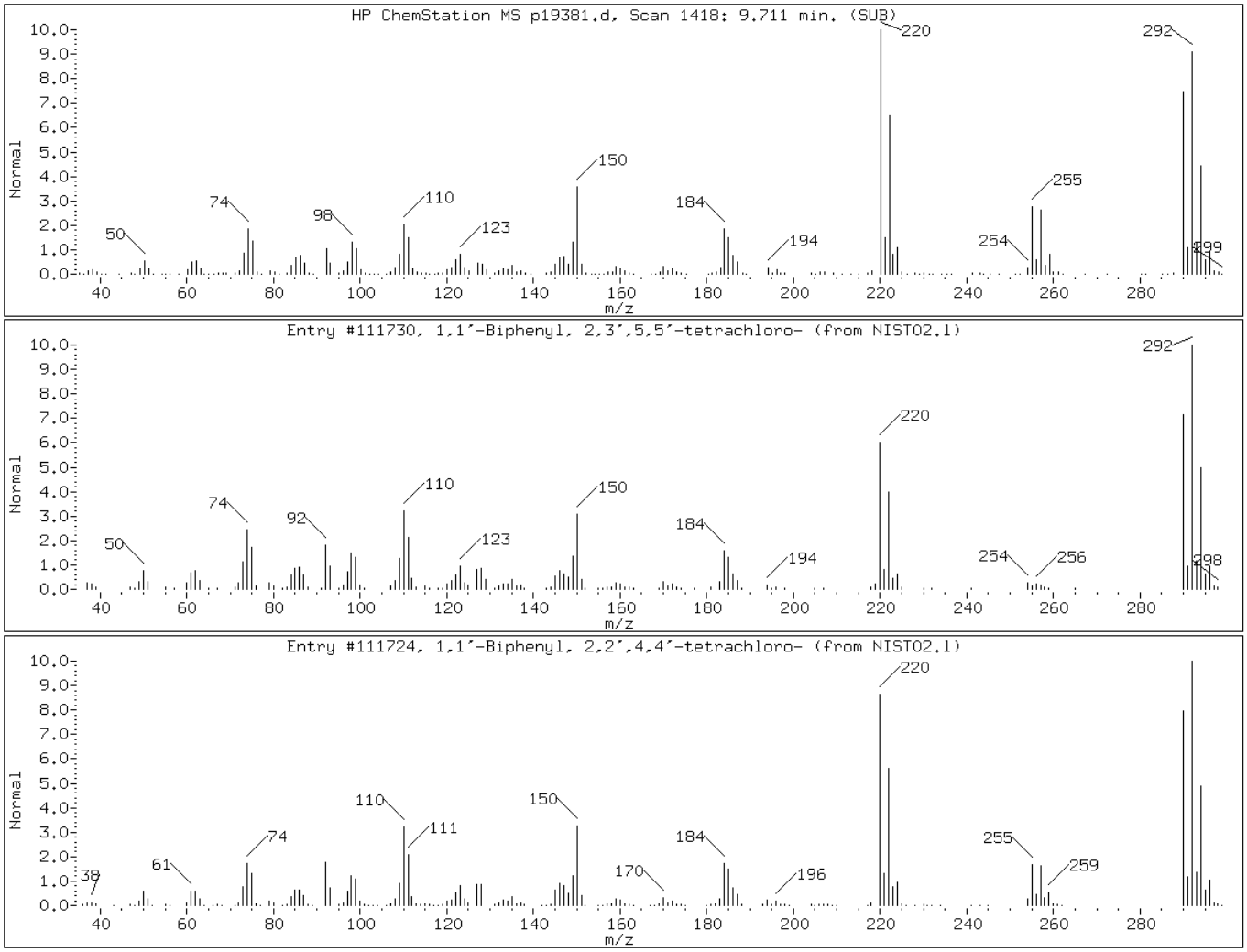
Date: 18-SEP-2011 06:08

Client ID: PMP-24-VS-S (1-3) Instrument: BNAMS10.i

Sample Info: 460-30837-F-4-C Operator: BNAMS 4

Retention Time: 9.71

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-1						
1,1'-Biphenyl, 2,3',5,5'-tetrachlo	41464-42-0	NIST02.l	111730	98	C12H6Cl4	290
1,1'-Biphenyl, 2,2',4,4'-tetrachlo	2437-79-8	NIST02.l	111724	98	C12H6Cl4	290



Data File: p19381.d

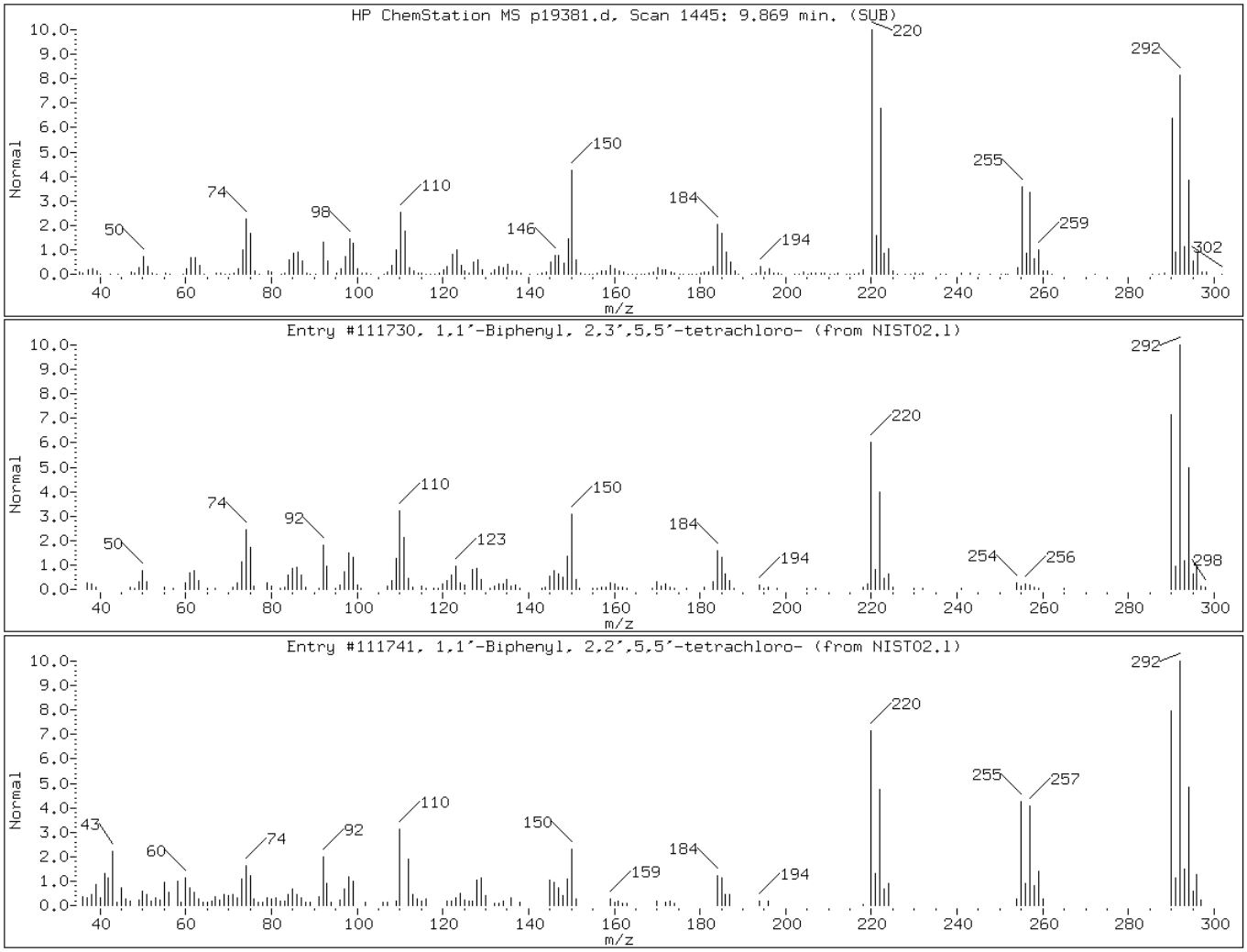
Date: 18-SEP-2011 06:08

Client ID: PMP-24-VS-S (1-3) Instrument: BNAMS10.i

Sample Info: 460-30837-F-4-C Operator: BNAMS 4

Retention Time: 9.87

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-2						
1,1'-Biphenyl, 2,3',5,5'-tetrachlo	41464-42-0	NIST02.l	111730	99	C12H6Cl4	290
1,1'-Biphenyl, 2,2',5,5'-tetrachlo	35693-99-3	NIST02.l	111741	99	C12H6Cl4	290



Data File: p19381.d

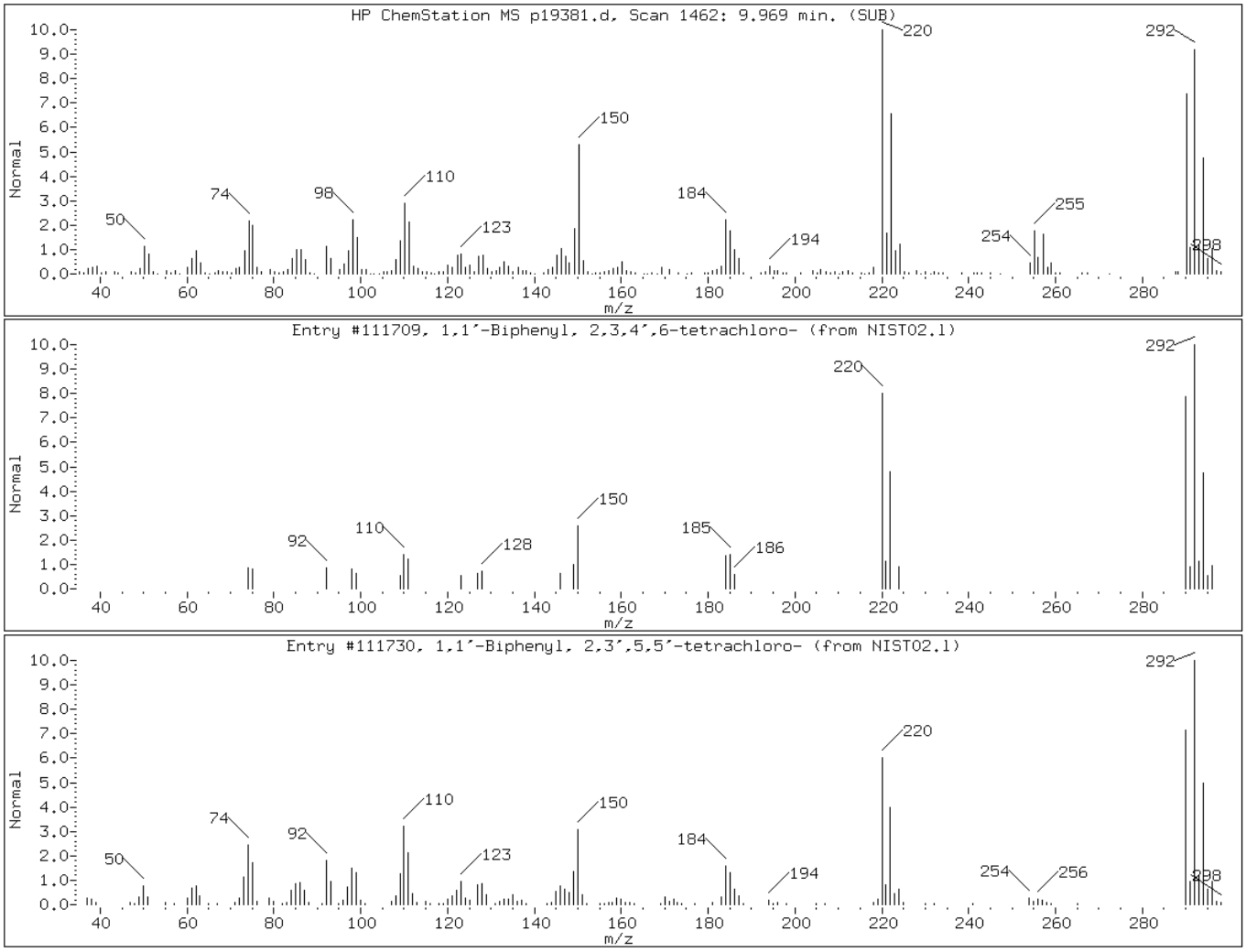
Date: 18-SEP-2011 06:08

Client ID: PMP-24-VS-S (1-3) Instrument: BNAMS10.i

Sample Info: 460-30837-F-4-C Operator: BNAMS 4

Retention Time: 9.97

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-3						
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	111730	99	C12H6Cl4	290



Data File: p19381.d

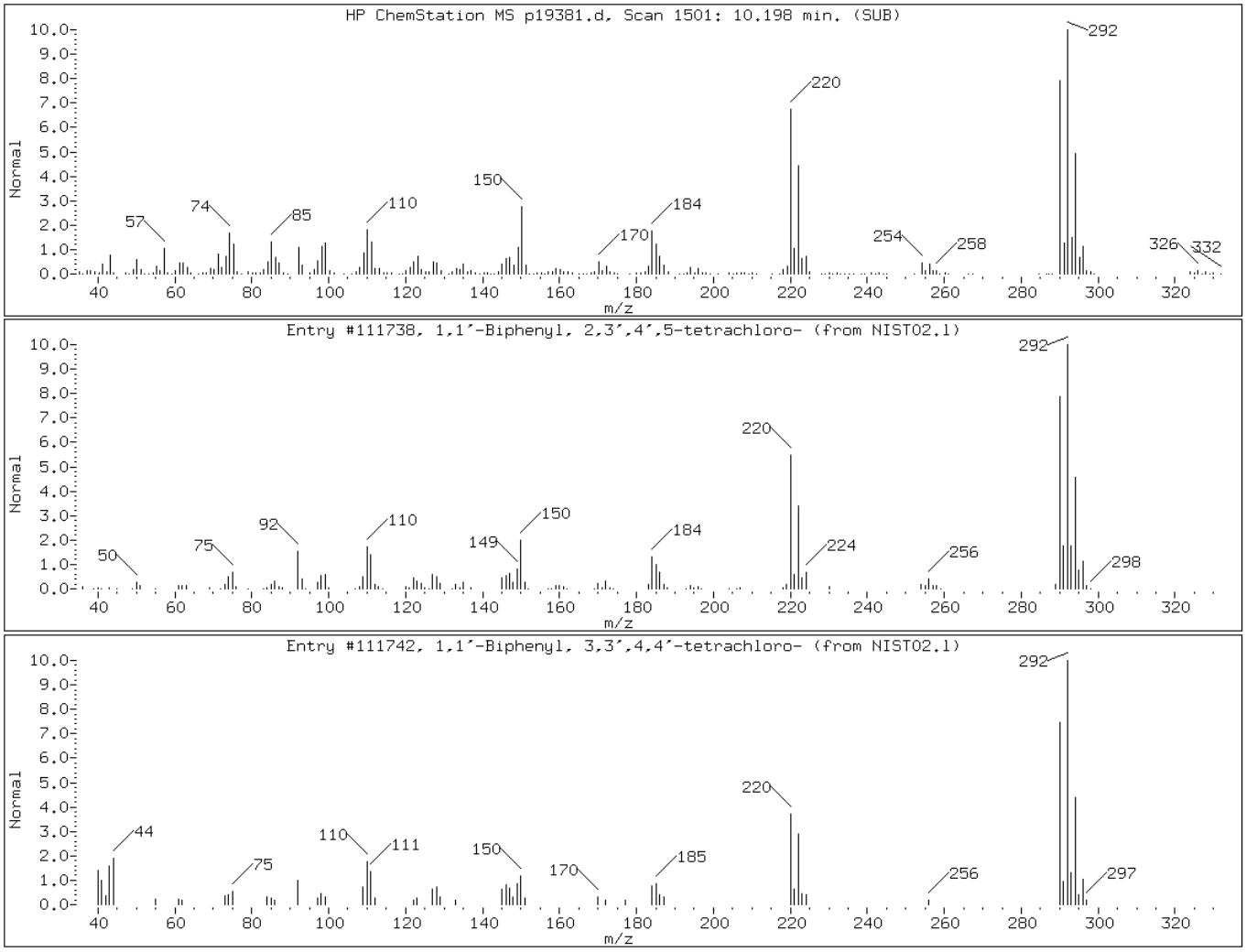
Date: 18-SEP-2011 06:08

Client ID: PMP-24-VS-S (1-3) Instrument: BNAMS10.i

Sample Info: 460-30837-F-4-C Operator: BNAMS 4

Retention Time: 10.20

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-4						
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: p19381.d

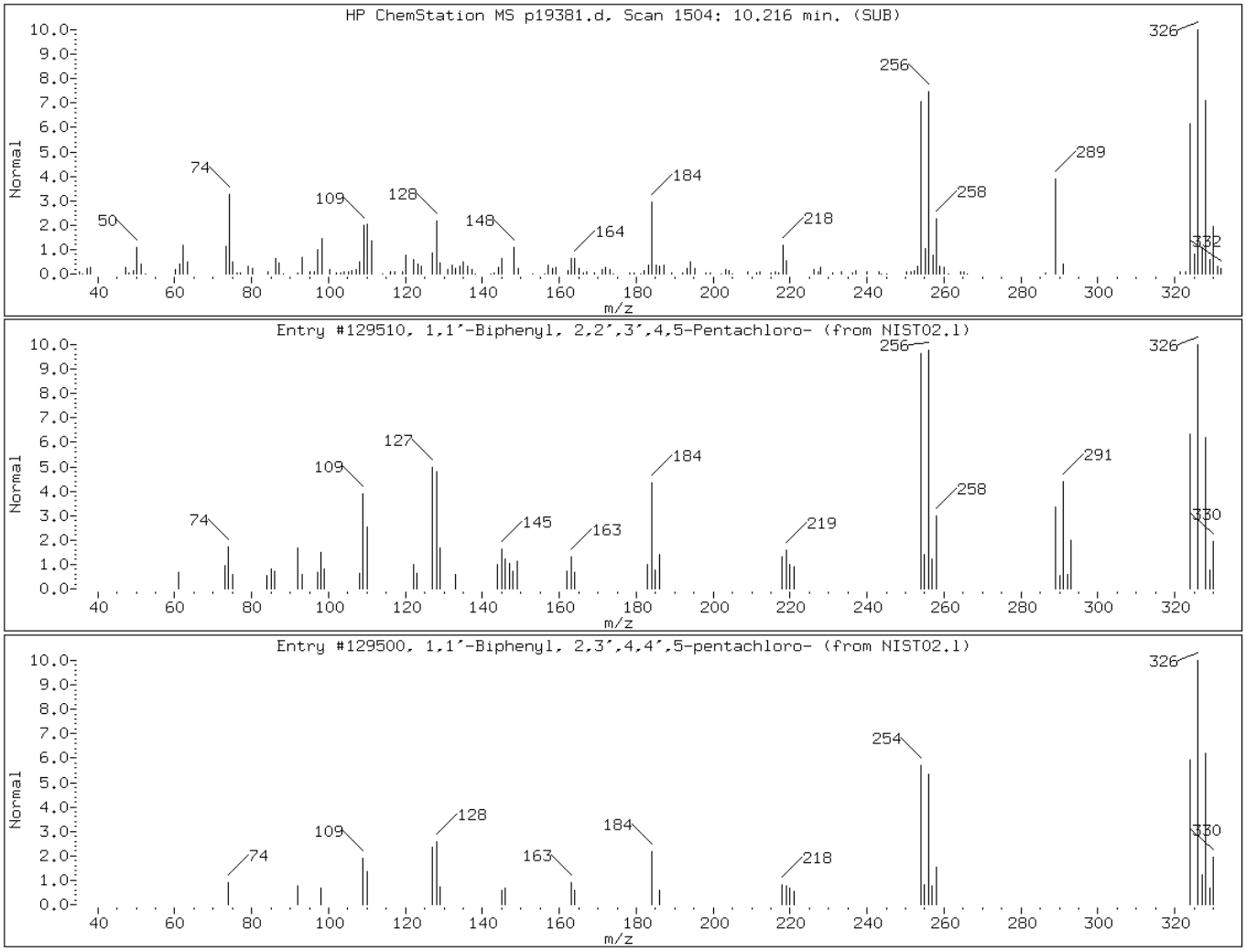
Date: 18-SEP-2011 06:08

Client ID: PMP-24-VS-S (1-3) Instrument: BNAMS10.i

Sample Info: 460-30837-F-4-C Operator: BNAMS 4

Retention Time: 10.22

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Pentachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3',4,5-Pentach	41464-51-1	NIST02.l	129510	93	C12H5Cl5	324
1,1'-Biphenyl, 2,3',4,4',5-pentach	31508-00-6	NIST02.l	129500	93	C12H5Cl5	324



Data File: p19381.d

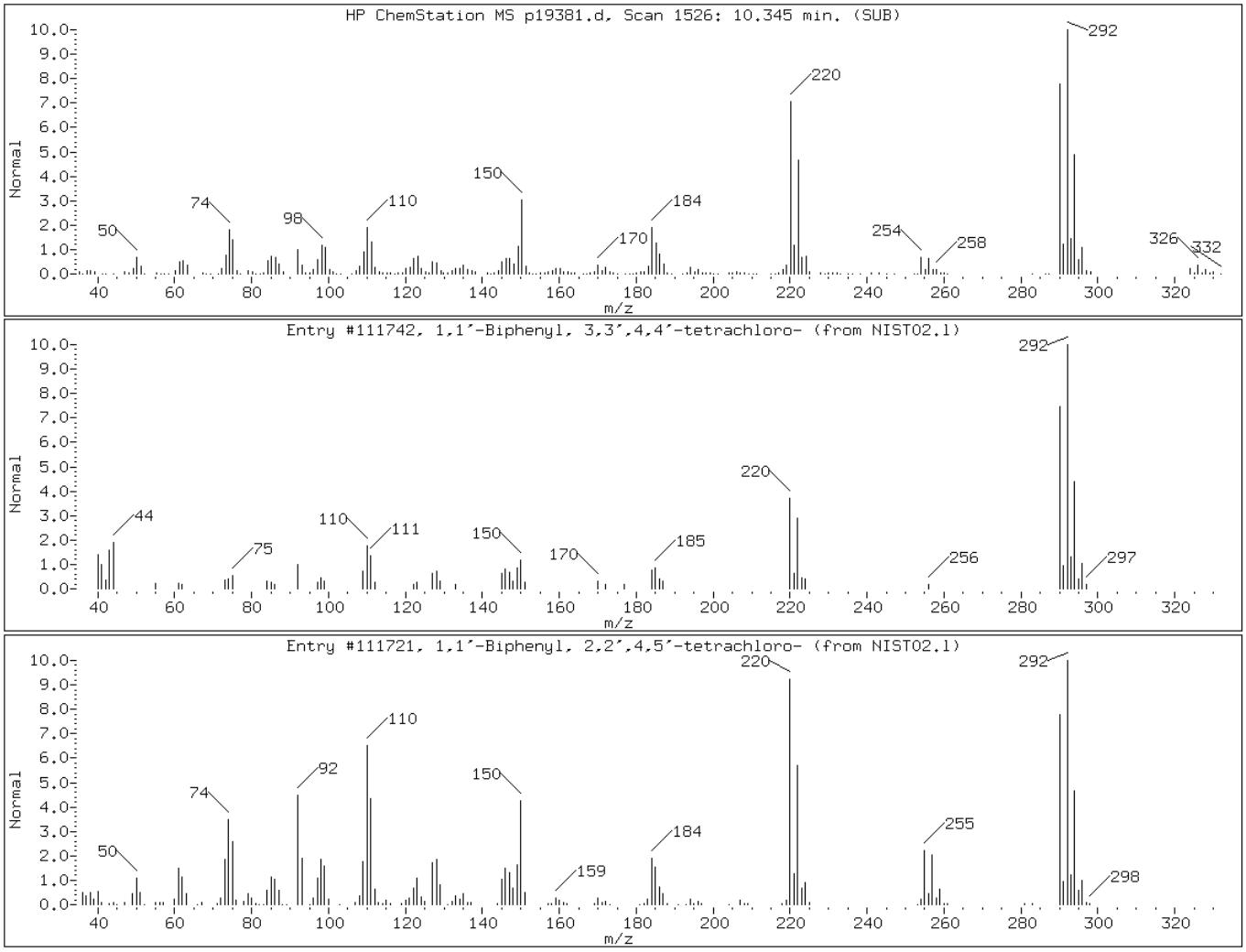
Date: 18-SEP-2011 06:08

Client ID: PMP-24-VS-S (1-3) Instrument: BNAMS10.i

Sample Info: 460-30837-F-4-C Operator: BNAMS 4

Retention Time: 10.35

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	111742	98	C12H6Cl4	290
1,1'-Biphenyl, 2,2',4,5'-tetrachlo	41464-40-8	NIST02.l	111721	98	C12H6Cl4	290



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-24-VD-S (4.5-6.0) | Lab Sample ID: 460-30837-5

Matrix: Solid | Lab File ID: p19382.d

Analysis Method: 8270C | Date Collected: 09/08/2011 16:45

Extract. Method: 3541 | Date Extracted: 09/16/2011 07:35

Sample wt/vol: 15.00(g) | Date Analyzed: 09/18/2011 06:34

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86671 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	1800	U	1800	220
95-57-8	2-Chlorophenol	1800	U	1800	240
95-48-7	2-Methylphenol	1800	U	1800	260
106-44-5	4-Methylphenol	1800	U	1800	300
100-52-7	Benzaldehyde	1800	U	1800	110
98-86-2	Acetophenone	1800	U	1800	270
111-44-4	Bis(2-chloroethyl)ether	180	U	180	38
108-60-1	2,2'-oxybis[1-chloropropane]	1800	U	1800	240
621-64-7	N-Nitrosodi-n-propylamine	180	U	180	24
98-95-3	Nitrobenzene	180	U	180	41
67-72-1	Hexachloroethane	180	U	180	31
78-59-1	Isophorone	1800	U	1800	210
88-75-5	2-Nitrophenol	1800	U	1800	300
105-67-9	2,4-Dimethylphenol	1800	U	1800	290
120-83-2	2,4-Dichlorophenol	1800	U	1800	290
111-91-1	Bis(2-chloroethoxy)methane	1800	U	1800	260
91-20-3	Naphthalene	14000		1800	270
106-47-8	4-Chloroaniline	17000		1800	230
87-68-3	Hexachlorobutadiene	370	U	370	74
105-60-2	Caprolactam	1800	U	1800	250
59-50-7	4-Chloro-3-methylphenol	1800	U	1800	310
91-57-6	2-Methylnaphthalene	26000		1800	270
118-74-1	Hexachlorobenzene	180	U	180	25
77-47-4	Hexachlorocyclopentadiene	1800	U	1800	540
88-06-2	2,4,6-Trichlorophenol	1800	U	1800	330
95-95-4	2,4,5-Trichlorophenol	1800	U	1800	350
92-52-4	Diphenyl	3200		1800	300
91-58-7	2-Chloronaphthalene	1800	U	1800	260
88-74-4	2-Nitroaniline	3700	U	3700	500
606-20-2	2,6-Dinitrotoluene	370	U	370	47
131-11-3	Dimethyl phthalate	1800	U	1800	250
208-96-8	Acenaphthylene	1800	U	1800	260
99-09-2	3-Nitroaniline	3700	U	3700	410
83-32-9	Acenaphthene	990	J	1800	260

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-24-VD-S (4.5-6.0) | Lab Sample ID: 460-30837-5

Matrix: Solid | Lab File ID: p19382.d

Analysis Method: 8270C | Date Collected: 09/08/2011 16:45

Extract. Method: 3541 | Date Extracted: 09/16/2011 07:35

Sample wt/vol: 15.00(g) | Date Analyzed: 09/18/2011 06:34

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86671 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	5500	U	5500	470
51-28-5	2,4-Dinitrophenol	5500	U	5500	390
132-64-9	Dibenzofuran	610	J	1800	280
84-66-2	Diethyl phthalate	1800	U	1800	250
86-73-7	Fluorene	770	J	1800	310
206-44-0	Fluoranthene	1800	U	1800	300
84-74-2	Di-n-butyl phthalate	1800	U	1800	280
121-14-2	2,4-Dinitrotoluene	370	U	370	53
7005-72-3	4-Chlorophenyl phenyl ether	1800	U	1800	310
100-01-6	4-Nitroaniline	3700	U	3700	380
534-52-1	4,6-Dinitro-2-methylphenol	5500	U	5500	880
101-55-3	4-Bromophenyl phenyl ether	1800	U	1800	330
1912-24-9	Atrazine	1800	U	1800	340
120-12-7	Anthracene	1800	U	1800	320
86-74-8	Carbazole	1800	U	1800	290
85-01-8	Phenanthrene	2000		1800	320
87-86-5	Pentachlorophenol	5500	U	5500	900
129-00-0	Pyrene	1800	U	1800	320
218-01-9	Chrysene	1800	U	1800	270
207-08-9	Benzo[k]fluoranthene	180	U	180	26
191-24-2	Benzo[g,h,i]perylene	1800	U	1800	190
205-99-2	Benzo[b]fluoranthene	180	U	180	27
50-32-8	Benzo[a]pyrene	180	U	180	23
56-55-3	Benzo[a]anthracene	180	U	180	34
86-30-6	N-Nitrosodiphenylamine	1800	U	1800	300
85-68-7	Butyl benzyl phthalate	1800	U	1800	210
117-81-7	Bis(2-ethylhexyl) phthalate	730	J	1800	240
117-84-0	Di-n-octyl phthalate	1800	U	1800	220
193-39-5	Indeno[1,2,3-cd]pyrene	180	U	180	29
53-70-3	Dibenz(a,h)anthracene	180	U	180	22
91-94-1	3,3'-Dichlorobenzidine	3700	U	3700	410
95-94-3	1,2,4,5-Tetrachlorobenzene	1800	U	1800	250
58-90-2	2,3,4,6-Tetrachlorophenol	1800	U	1800	370

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-24-VD-S (4.5-6.0) | Lab Sample ID: 460-30837-5

Matrix: Solid | Lab File ID: p19382.d

Analysis Method: 8270C | Date Collected: 09/08/2011 16:45

Extract. Method: 3541 | Date Extracted: 09/16/2011 07:35

Sample wt/vol: 15.00(g) | Date Analyzed: 09/18/2011 06:34

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86671 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	117	X	38-105
4165-62-2	Phenol-d5	87		41-118
1718-51-0	Terphenyl-d14	81		16-151
118-79-6	2,4,6-Tribromophenol	62		10-120
367-12-4	2-Fluorophenol	99		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.: 460-30837-1

SDG No.:

Client Sample ID: PMP-24-VD-S (4.5-6.0) | Lab Sample ID: 460-30837-5

Matrix: Solid | Lab File ID: p19382.d

Analysis Method: 8270C | Date Collected: 09/08/2011 16:45

Extract. Method: 3541 | Date Extracted: 09/16/2011 07:35

Sample wt/vol: 15.00(g) | Date Analyzed: 09/18/2011 06:34

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86671 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 863000

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Chloroaniline isomer	5.39	47000	J
120-82-1	1,2,4-Trichlorobenzene	5.77	17000	
	Unknown Alkane-1	5.86	32000	J
88-73-3	Benzene, 1-chloro-2-nitro-	6.23	200000	J N
	Unknown Alkane-2	6.50	34000	J
	Unknown Alkane-3	7.07	56000	J
	Unknown Alkane-4	7.60	24000	J
	Unknown Alkane-5	8.09	19000	J
	Dichloro-1,1-biphenyl isomer-1	8.28	23000	J
	Unknown Alkane-6	8.56	18000	J
	Dichloro-1,1-biphenyl isomer-2	8.68	44000	J
593-45-3	n-Octadecane	9.01	76000	E
	Trichloro-1,1-biphenyl isomer-1	9.05	62000	J
	Trichloro-1,1-biphenyl isomer-3	9.20	29000	J
	Trichloro-1,1-biphenyl isomer-4	9.45	76000	J
	Trichloro-1,1-biphenyl isomer-5	9.52	32000	J
	Tetrachloro-1,1-biphenyl isomer-1	9.72	17000	J
	Tetrachloro-1,1-biphenyl isomer-3	9.88	18000	J
	Tetrachloro-1,1-biphenyl isomer-4	10.20	22000	J
	Tetrachloro-1,1-biphenyl isomer-5	10.23	17000	J

Data File: /chem/BNAMS10.i/8270/09-17-11/18sep11.b/p19382.d
Report Date: 20-Sep-2011 14:01

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/09-17-11/18sep11.b/p19382.d
Lab Smp Id: 460-30837-F-5-C Client Smp ID: PMP-24-VD-S (4.5-6.
Inj Date : 18-SEP-2011 06:34
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-30837-F-5-C
Misc Info : 460-30837-F-5-C
Comment   :
Method   : /chem/BNAMS10.i/8270/09-17-11/18sep11.b/8270C_08SP.m
Meth Date : 18-Sep-2011 06:59 asfawa Quant Type: ISTD
Cal Date : 17-SEP-2011 05:31 Cal File: p19351.d
Als bottle: 11
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	9.67153	% 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	3.054	3.030	(0.685)	225638	19.7071	7300
$ 17 Phenol-d5 (SUR)	99	4.064	4.070	(0.912)	246953	17.3382	6400
113 n-decane	43	4.305	4.305	(0.966)	234073	23.9174	8800
* 79 1,4-Dichlorobenzene-d4	152	4.458	4.452	(1.000)	371511	40.0000	
22 1,4-Dichlorobenzene	146	4.475	4.470	(1.004)	8634	0.57994	210(a)
23 1,2-Dichlorobenzene	146	4.640	4.640	(1.041)	88882	6.55423	2400
$ 76 Nitrobenzene-d5 (SUR)	82	5.057	5.057	(0.869)	137578	11.6746	4300(R)
30 1,2,4-Trichlorobenzene	180	5.768	5.762	(0.991)	437630	45.6434	17000
* 80 Naphthalene-d8	136	5.821	5.815	(1.000)	1004425	40.0000	
31 Naphthalene	128	5.844	5.839	(1.004)	1002657	38.6987	14000
32 4-Chloroaniline	127	5.909	5.903	(1.015)	432949	46.5865	17000
34 2-Methylnaphthalene	142	6.567	6.561	(1.128)	1192010	69.4086	26000
120 1-Methylnaphthalene	142	6.661	6.661	(1.144)	571602	32.5474	12000

Data File: /chem/BNAMS10.i/8270/09-17-11/18sep11.b/p19382.d
Report Date: 20-Sep-2011 14:01

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$	77 2-Fluorobiphenyl (SUR)	172	6.943	6.943	(0.912)	150109	8.84653	3300
	102 Diphenyl	154	7.043	7.037	(0.925)	158321	8.57573	3200
	103 Diphenyl Ether	170	7.149	7.149	(0.939)	21525	2.04573	750(a)
	125 1,3-Dimethylnaphthalene	156	7.278	7.278	(0.956)	465951	38.4171	14000
*	82 Acenaphthene-d10	164	7.613	7.607	(1.000)	492553	40.0000	
	122 2,6-Di-tert-butyl-p-cresol	205	7.654	7.648	(1.005)	18290	1.19872	440(a)
	42 Acenaphthene	154	7.642	7.642	(1.004)	35719	2.69167	990(a)
	43 Dibenzofuran	168	7.813	7.813	(1.026)	31616	1.64875	610(a)
	47 Fluorene	166	8.154	8.154	(1.071)	32721	2.07615	770(a)
$	18 2,4,6-Tribromophenol (SUR)	330	8.394	8.395	(1.103)	27664	12.4216	4600
	115 n-Octadecane	57	9.006	8.994	(0.991)	1070893	206.509	76000(A)
*	83 Phenanthrene-d10	188	9.064	9.076	(1.000)	507356	40.0000	(H)
	52 Phenanthrene	178	9.111	9.100	(1.003)	74881	5.31905	2000
	57 Pyrene	202	10.492	10.486	(0.890)	3859	0.22802	84(a)
$	78 Terphenyl-d14	244	10.651	10.645	(0.904)	95526	8.13036	3000
*	81 Chrysene-d12	240	11.785	11.785	(1.000)	436785	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	11.838	11.838	(1.004)	18863	1.97417	730(a)
*	84 Perylene-d12	264	13.641	13.641	(1.000)	382151	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: /chem/BNAMS10.i/8270/09-17-11/18sep11.b/p19382.d
Report Date: 20-Sep-2011 14:01

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/09-17-11/18sep11.b/p19382.d
Lab Smp Id: 460-30837-F-5-C Client Smp ID: PMP-24-VD-S (4.5-6.
Inj Date : 18-SEP-2011 06:34
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-30837-F-5-C
Misc Info : 460-30837-F-5-C
Comment   :
Method   : /chem/BNAMS10.i/8270/09-17-11/18sep11.b/8270C_08SP.m
Meth Date : 18-Sep-2011 06:59 asfawa Quant Type: ISTD
Cal Date : 17-SEP-2011 05:31 Cal File: p19351.d
Als bottle: 11
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	9.67153	% Moisture

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 80 Naphthalene-d8	5.821	4680377	40.000
* 83 Phenanthrene-d10	9.064	10973127	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Chloroaniline isomer				CAS #:			
5.392	14847985	126.895631	47000	97	NIST02.l	11366	80

Data File: /chem/BNAMS10.i/8270/09-17-11/18sep11.b/p19382.d
Report Date: 20-Sep-2011 14:01

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane-1				CAS #:			
5.856	10050404	85.8939686	32000	0		0	80
Benzene, 1-chloro-2-nitro-				CAS #: 88-73-3			
6.232	62361644	532.962553	200000	97	NIST02.l	27932	80
Unknown Alkane-2				CAS #:			
6.497	10914062	93.2750664	34000	0		0	80
Unknown Alkane-3				CAS #:			
7.072	17808862	152.200231	56000	0		0	80
Unknown Alkane-4				CAS #:			
7.601	17660481	64.3772004	24000	0		0	83
Unknown Alkane-5				CAS #:			
8.095	13902779	50.6793662	19000	0		0	83
Dichloro-1,1-biphenyl isomer-1				CAS #:			
8.283	17171695	62.5954457	23000	0		0	83
Unknown Alkane-6				CAS #:			
8.565	13577751	49.4945530	18000	0		0	83
Dichloro-1,1-biphenyl isomer-2				CAS #:			
8.682	32350140	117.924957	44000	0		0	83
Trichloro-1,1-biphenyl isomer-1				CAS #:			
9.047	46241521	168.562773	62000	0		0	83
Trichloro-1,1-biphenyl isomer-2				CAS #:			
9.064	10973128	40.0000000	15000	0		0	83
Trichloro-1,1-biphenyl isomer-3				CAS #:			
9.199	21552922	78.5661937	29000	0		0	83
Trichloro-1,1-biphenyl isomer-4				CAS #:			
9.452	56705737	206.707654	76000	0		0	83
Trichloro-1,1-biphenyl isomer-5				CAS #:			
9.523	23744025	86.5533545	32000	0		0	83
Trichloro-1,1-biphenyl isomer-6				CAS #:			
9.587	10519717	38.3471976	14000	0		0	83

Data File: /chem/BNAMS10.i/8270/09-17-11/18sep11.b/p19382.d
Report Date: 20-Sep-2011 14:01

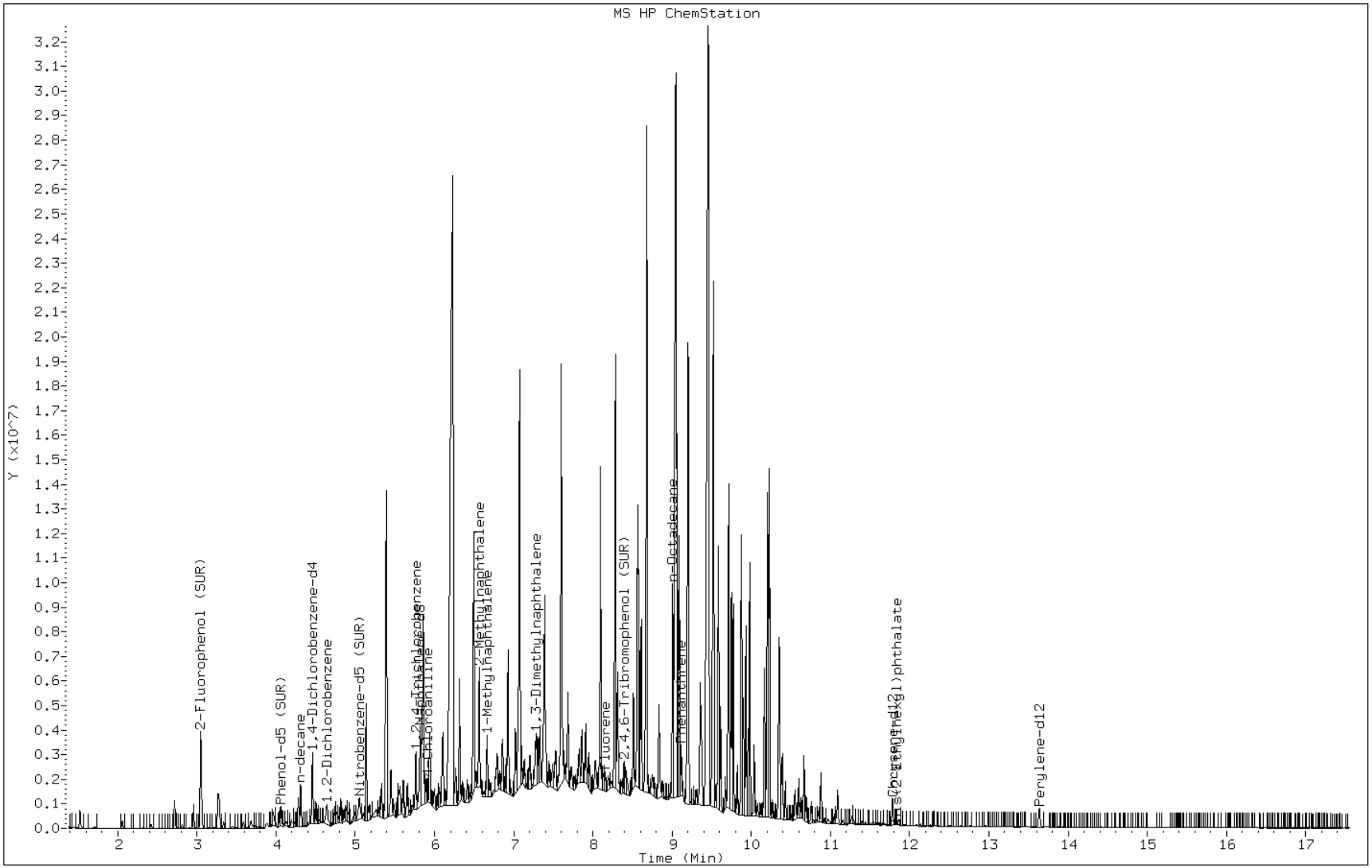
		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Tetrachloro-1,1-biphenyl isomer-1					CAS #:		
9.716	12563689	45.7980235	17000	0		0	83
Tetrachloro-1,1-biphenyl isomer-2					CAS #:		
9.752	10072405	36.7166233	14000	0		0	83
Tetrachloro-1,1-biphenyl isomer-3					CAS #:		
9.875	13272442	48.3816201	18000	0		0	83
Tetrachloro-1,1-biphenyl isomer-4					CAS #:		
10.204	15997322	58.3145385	22000	0		0	83
Tetrachloro-1,1-biphenyl isomer-5					CAS #:		
10.228	12342462	44.9915932	17000	0		0	83

Data File: p19382.d

Date: 18-SEP-2011 06:34

Client ID: PMP-24-VD-S (4.5-6. Instrument: BNAMS10.i

Sample Info: 460-30837-F-5-C Operator: BNAMS 4



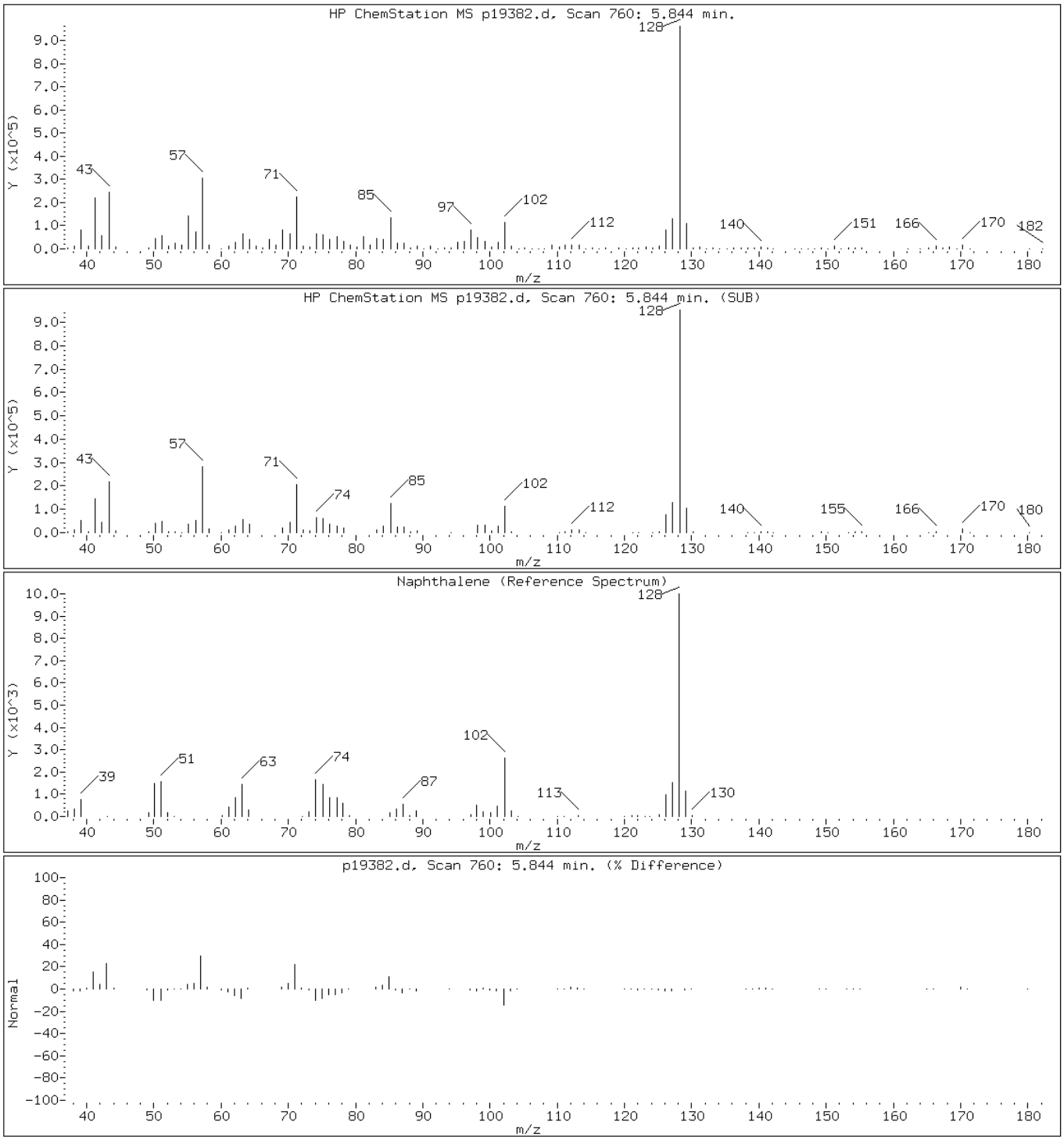
Data File: p19382.d

Date: 18-SEP-2011 06:34

Client ID: PMP-24-VD-S (4.5-6. Instrument: BNAMS10.i

Sample Info: 460-30837-F-5-C Operator: BNAMS 4

31 Naphthalene



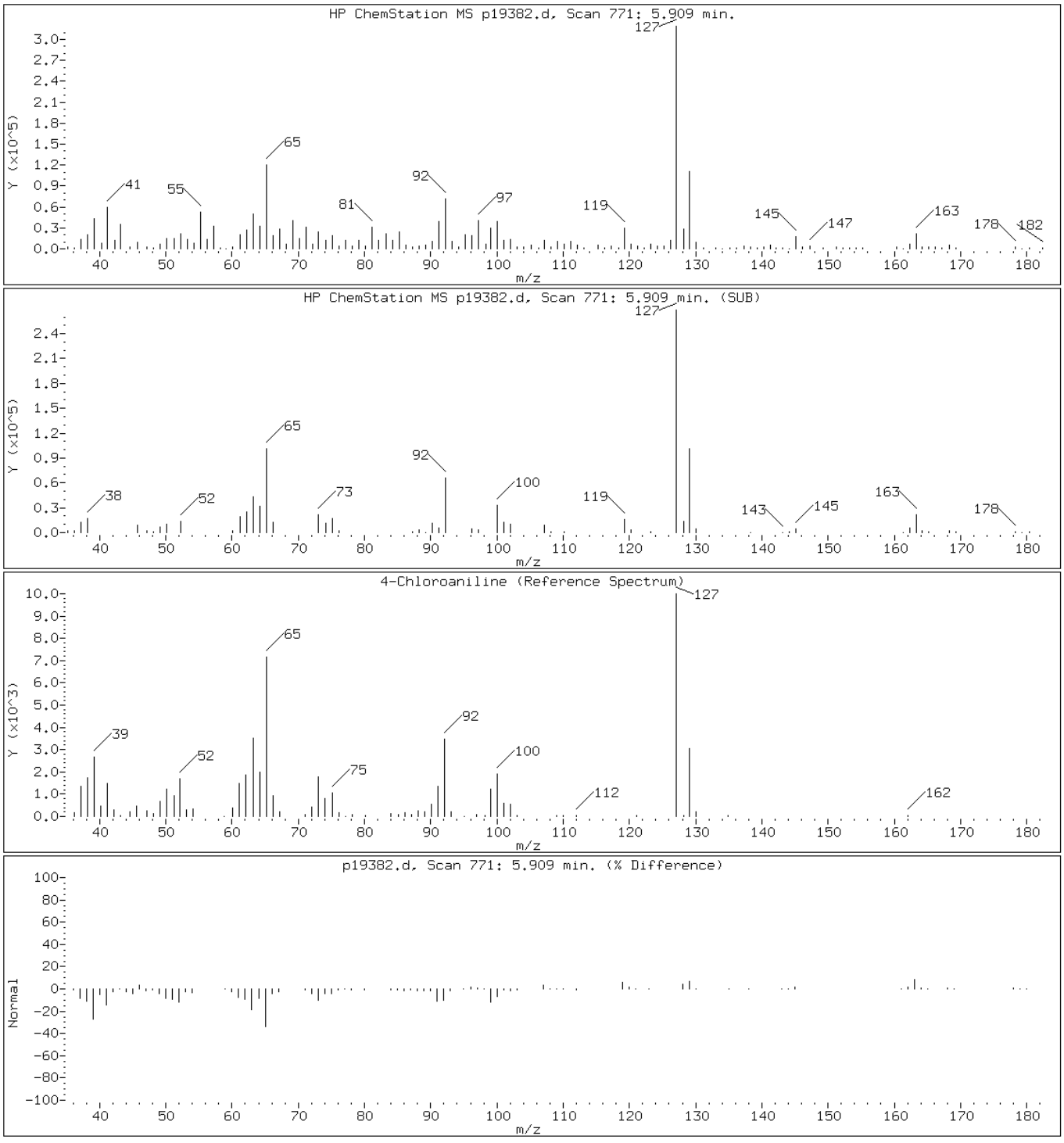
Data File: p19382.d

Date: 18-SEP-2011 06:34

Client ID: PMP-24-VD-S (4.5-6. Instrument: BNAMS10.i

Sample Info: 460-30837-F-5-C Operator: BNAMS 4

32 4-Chloroaniline



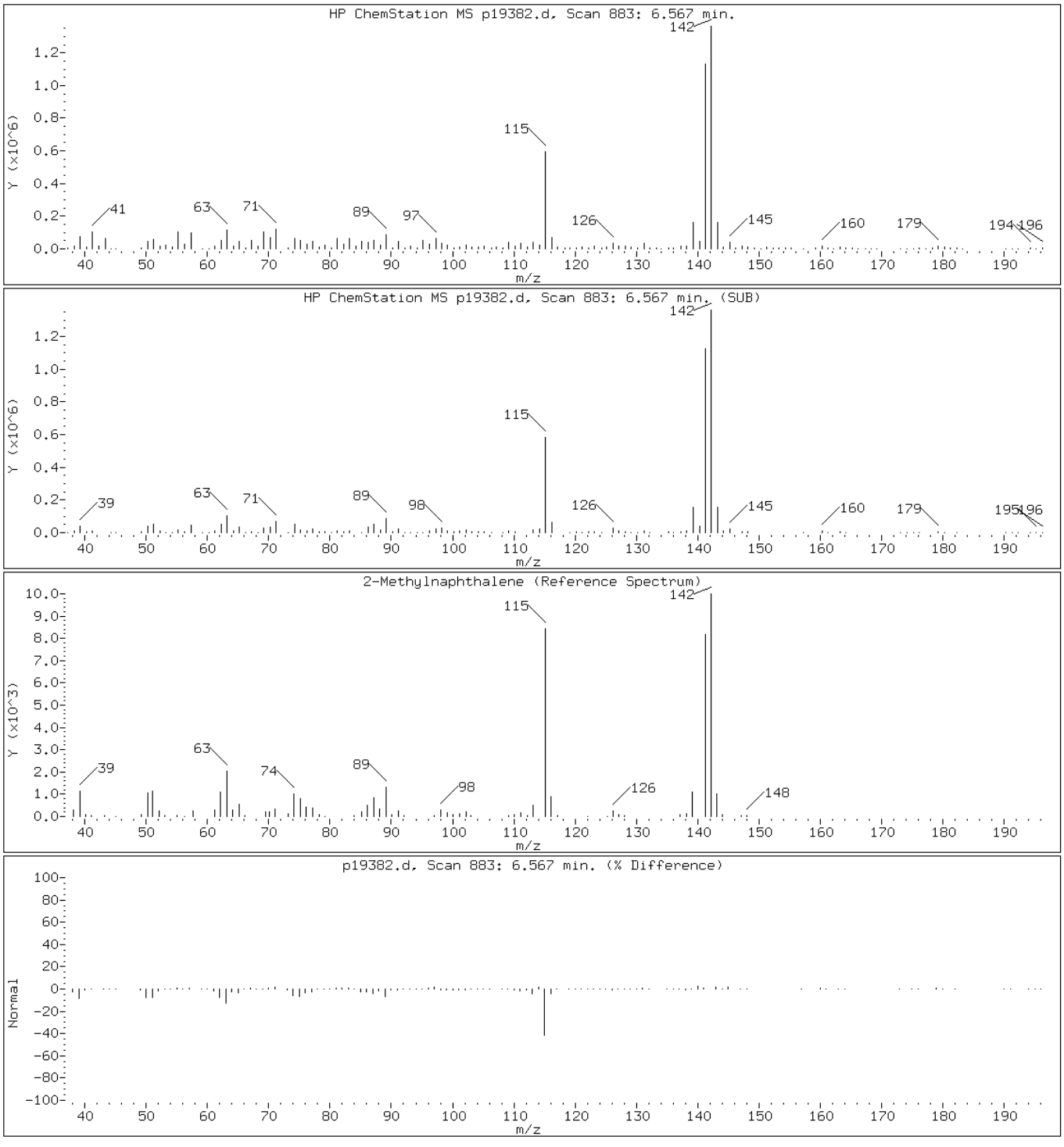
Data File: p19382.d

Date: 18-SEP-2011 06:34

Client ID: PMP-24-VD-S (4.5-6. Instrument: BNAMS10.i

Sample Info: 460-30837-F-5-C Operator: BNAMS 4

34 2-Methylnaphthalene



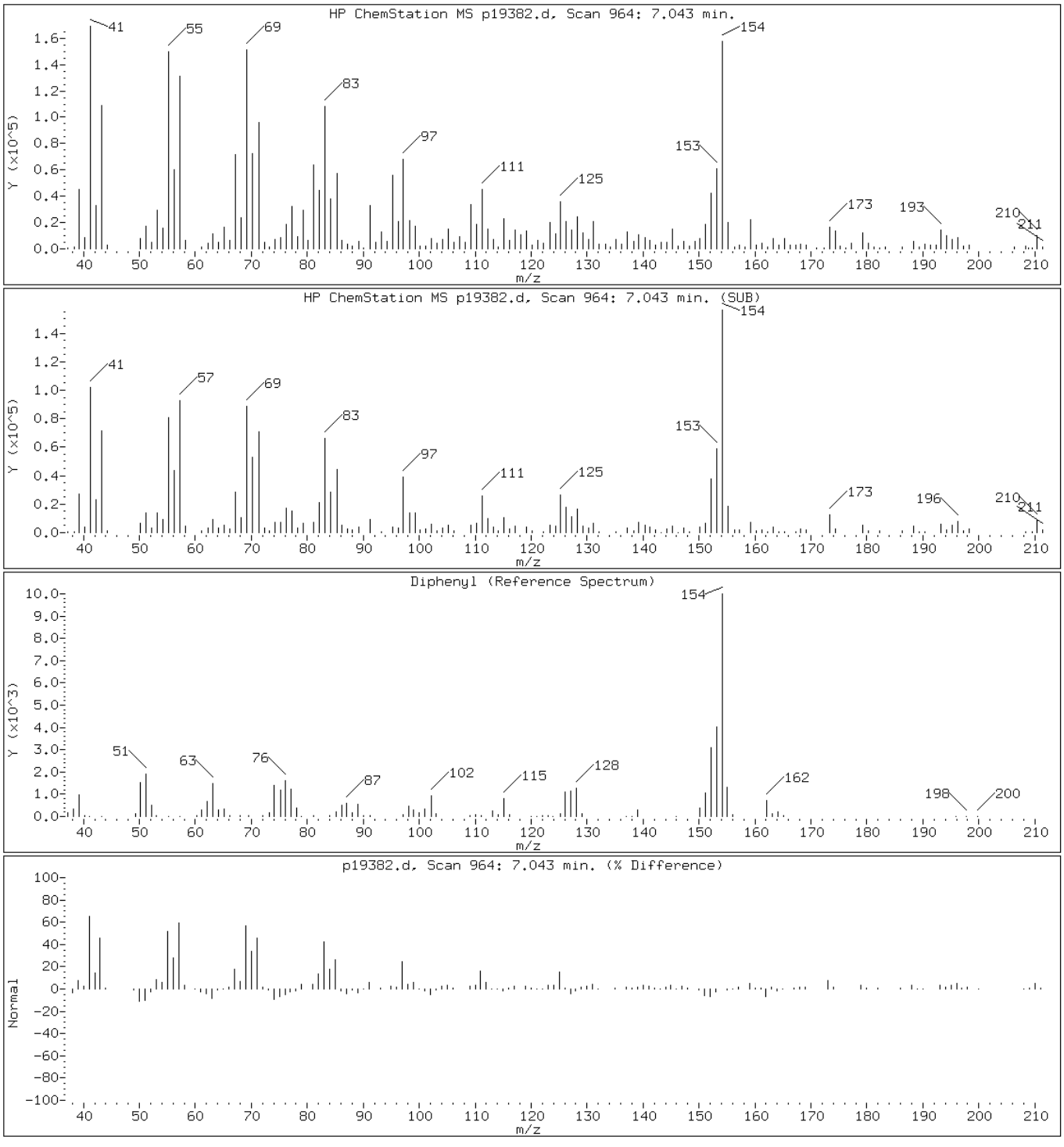
Data File: p19382.d

Date: 18-SEP-2011 06:34

Client ID: PMP-24-VD-S (4.5-6. Instrument: BNAMS10.i

Sample Info: 460-30837-F-5-C Operator: BNAMS 4

102 Diphenyl



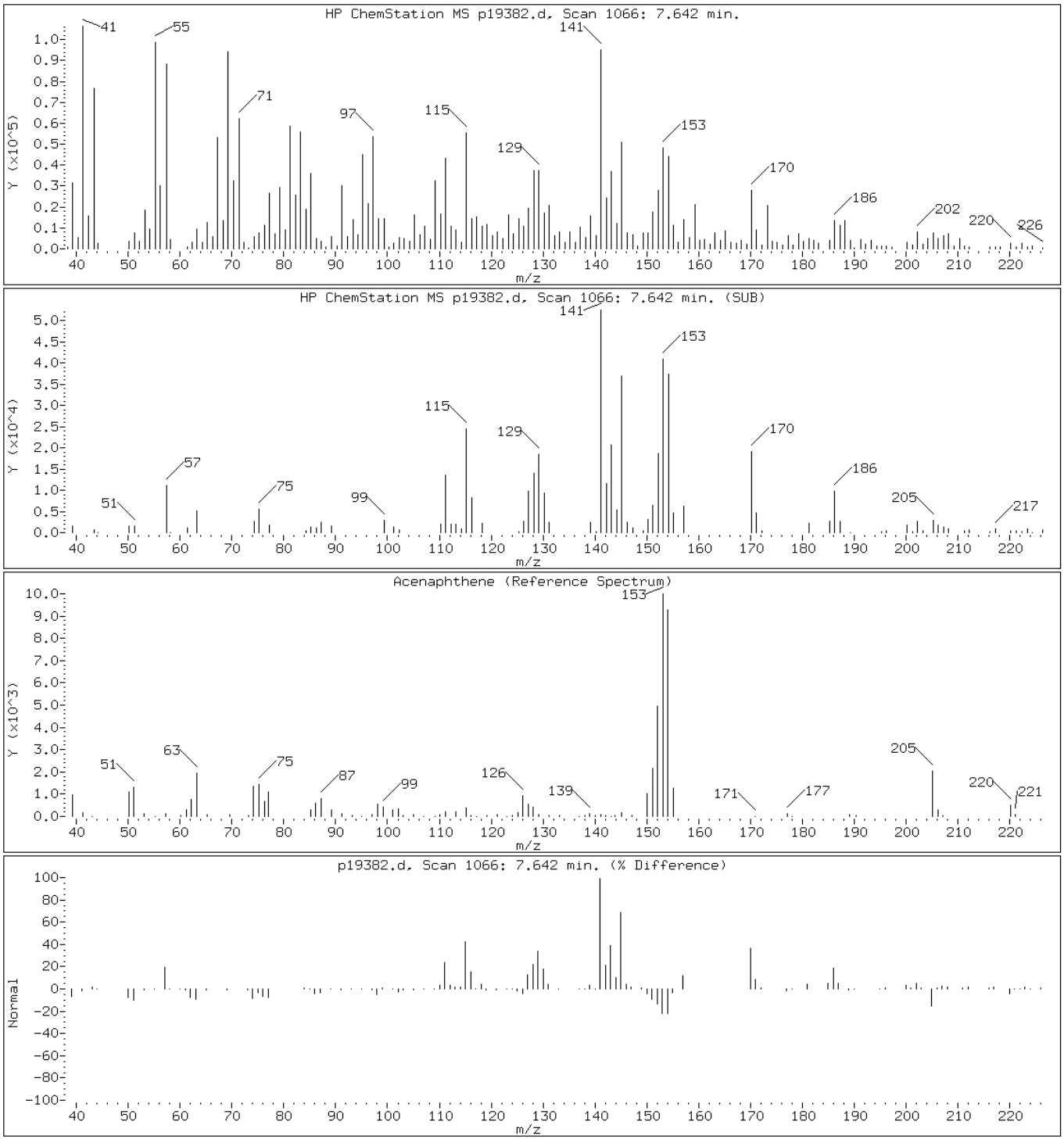
Data File: p19382.d

Date: 18-SEP-2011 06:34

Client ID: PMP-24-VD-S (4.5-6. Instrument: BNAMS10.i

Sample Info: 460-30837-F-5-C Operator: BNAMS 4

42 Acenaphthene



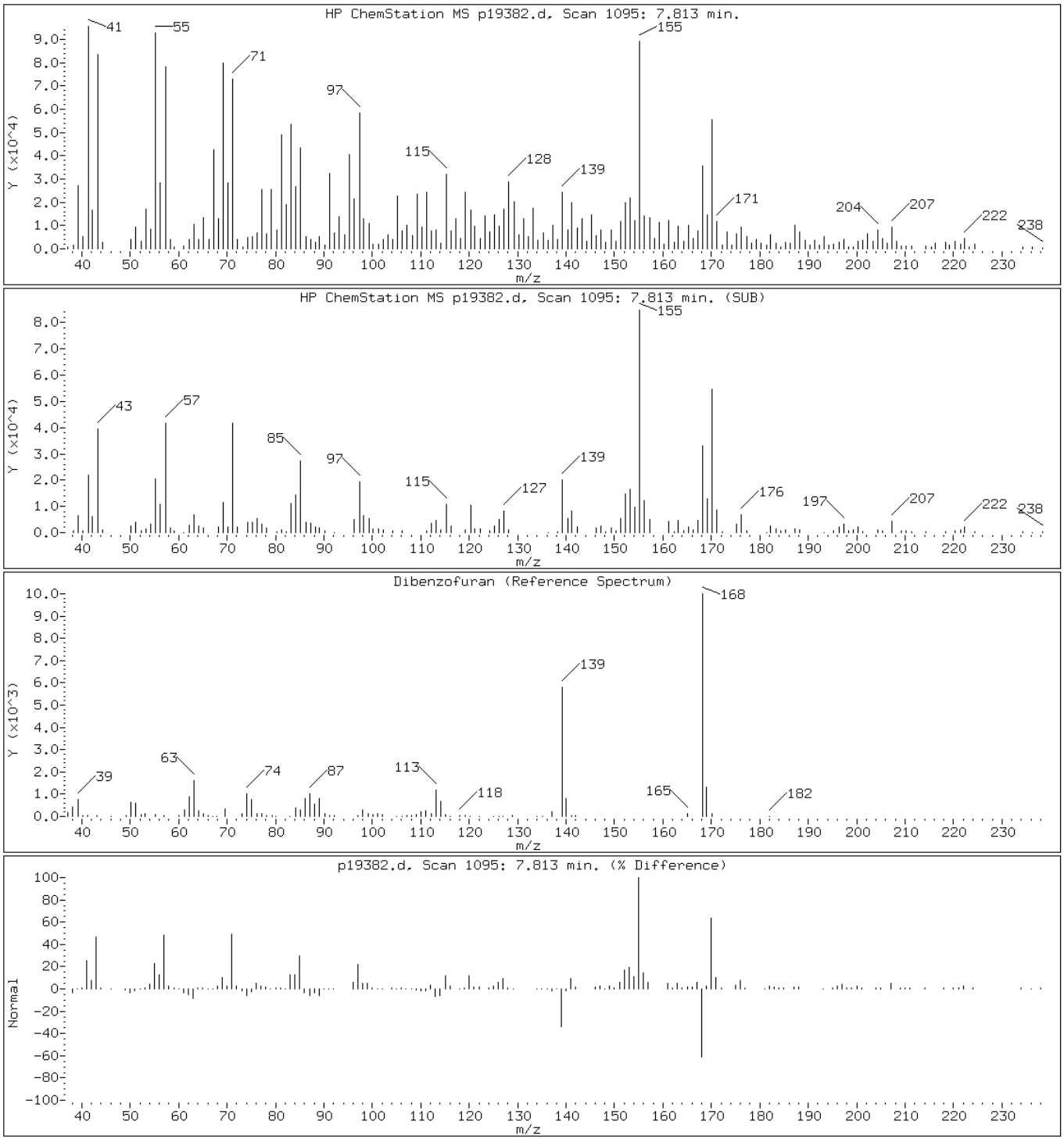
Data File: p19382.d

Date: 18-SEP-2011 06:34

Client ID: PMP-24-VD-S (4.5-6. Instrument: BNAMS10.i

Sample Info: 460-30837-F-5-C Operator: BNAMS 4

43 Dibenzofuran



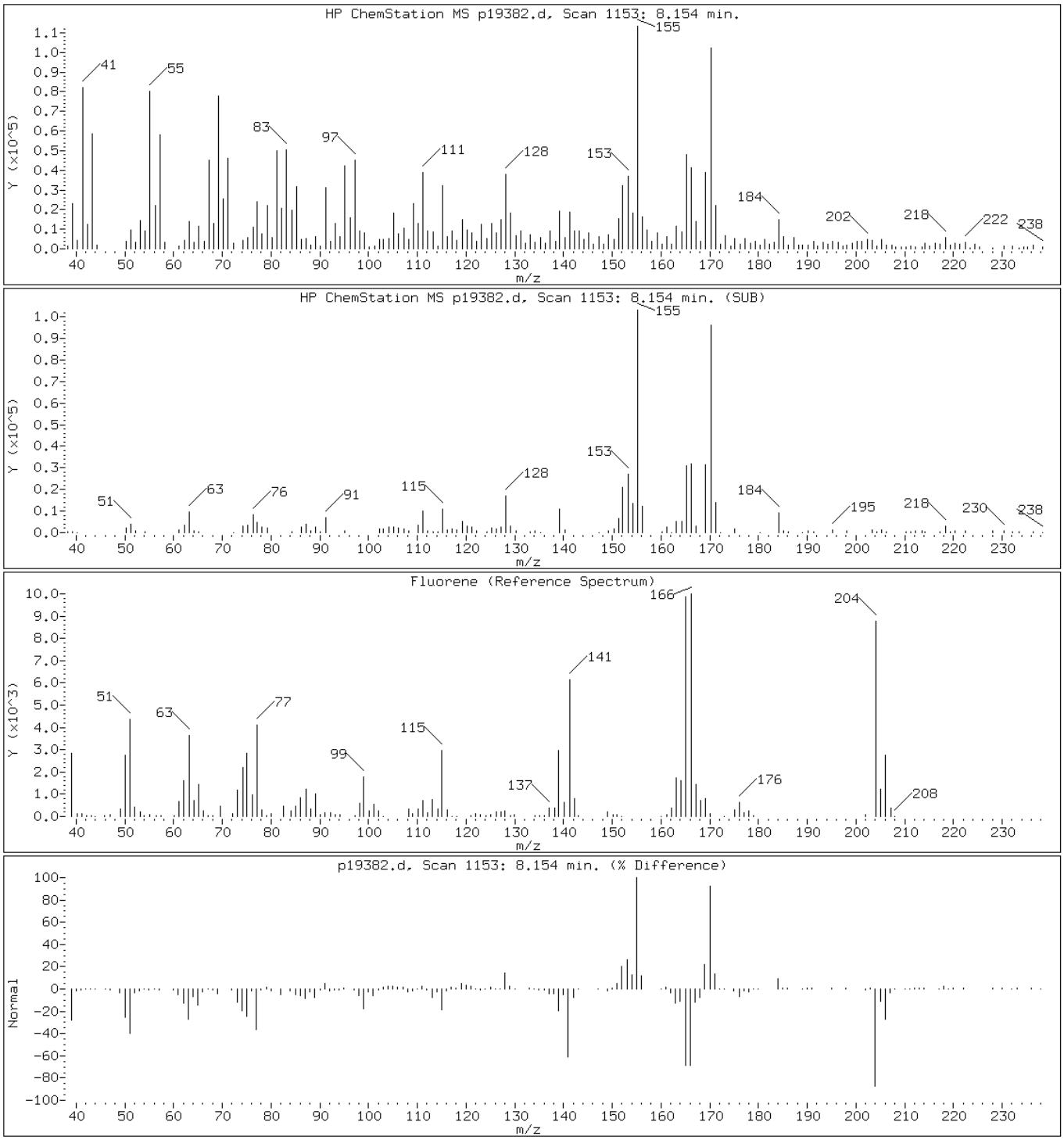
Data File: p19382.d

Date: 18-SEP-2011 06:34

Client ID: PMP-24-VD-S (4.5-6. Instrument: BNAMS10.i

Sample Info: 460-30837-F-5-C Operator: BNAMS 4

47 Fluorene



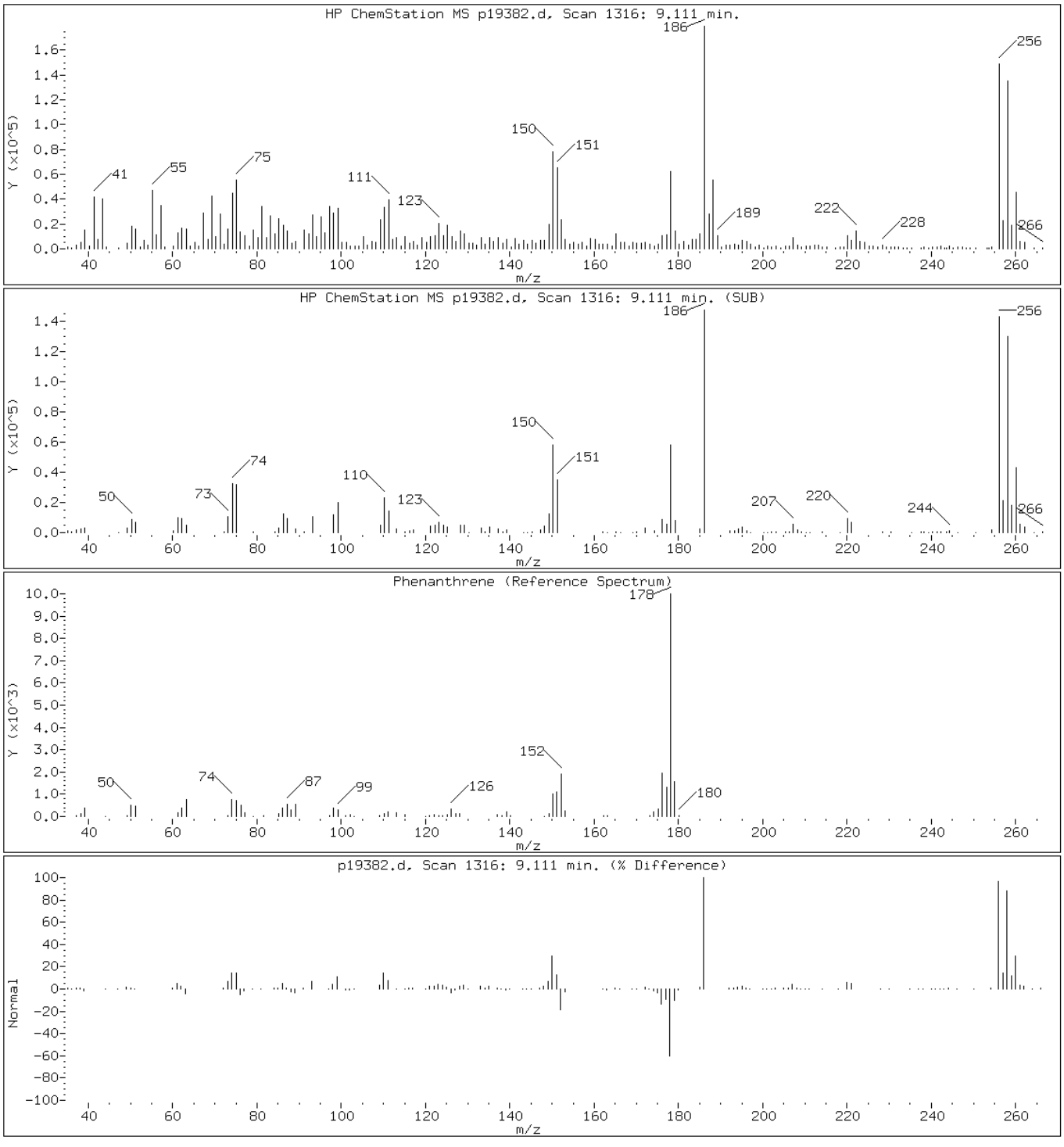
Data File: p19382.d

Date: 18-SEP-2011 06:34

Client ID: PMP-24-VD-S (4.5-6. Instrument: BNAMS10.i

Sample Info: 460-30837-F-5-C Operator: BNAMS 4

52 Phenanthrene



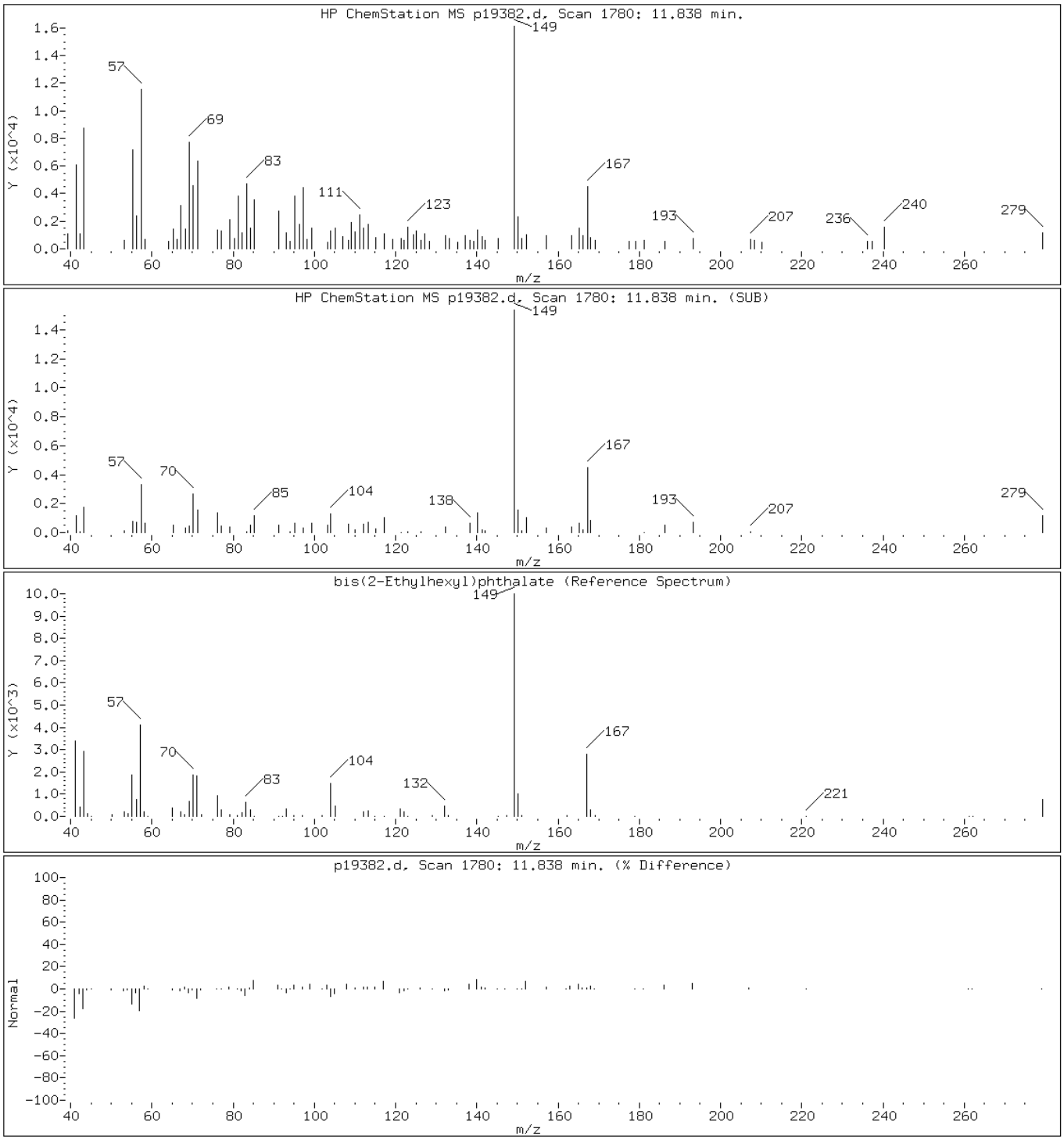
Data File: p19382.d

Date: 18-SEP-2011 06:34

Client ID: PMP-24-VD-S (4.5-6. Instrument: BNAMS10.i

Sample Info: 460-30837-F-5-C Operator: BNAMS 4

63 bis(2-Ethylhexyl)phthalate



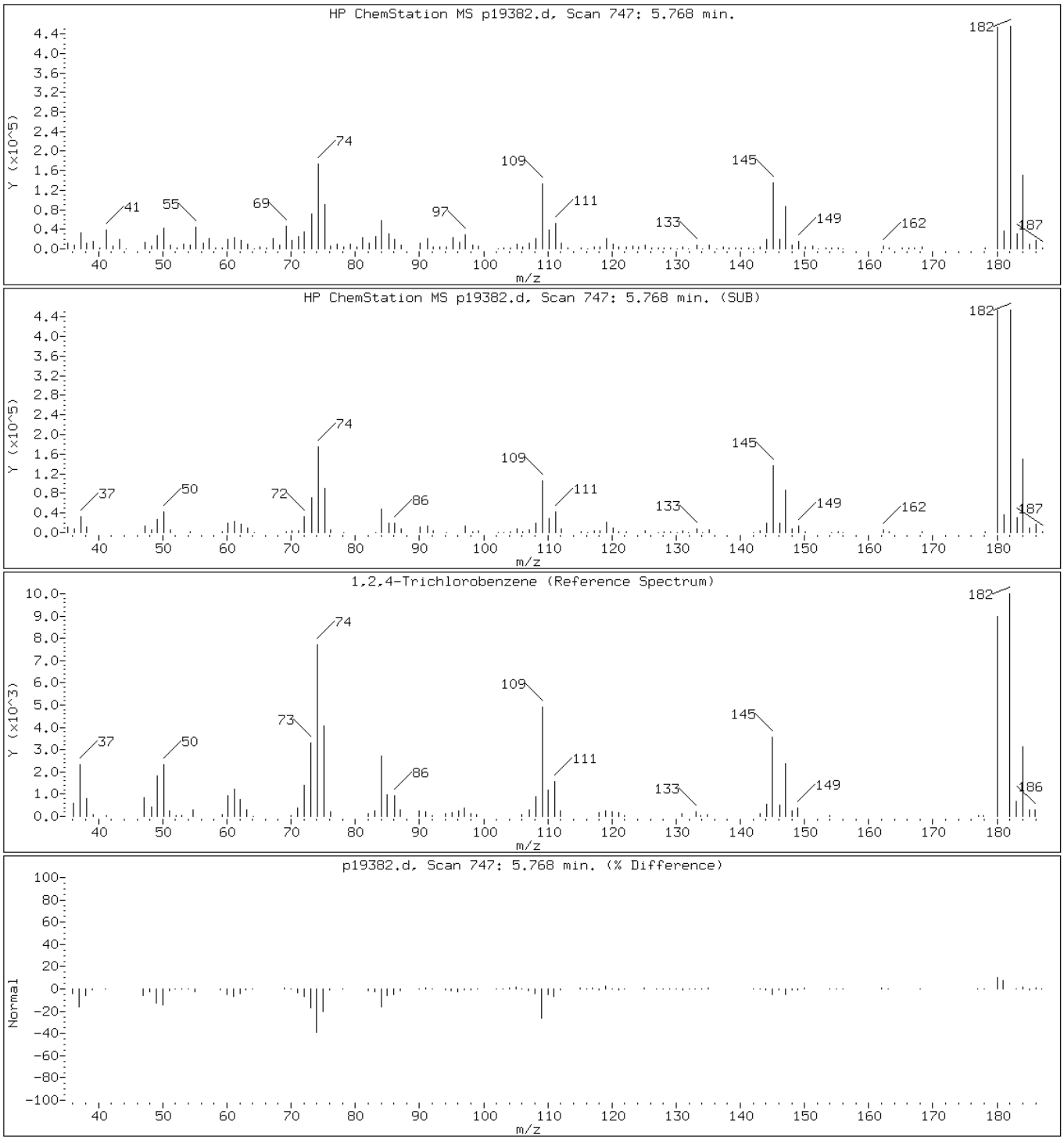
Data File: p19382.d

Date: 18-SEP-2011 06:34

Client ID: PMP-24-VD-S (4.5-6. Instrument: BNAMS10.i

Sample Info: 460-30837-F-5-C Operator: BNAMS 4

30 1,2,4-Trichlorobenzene



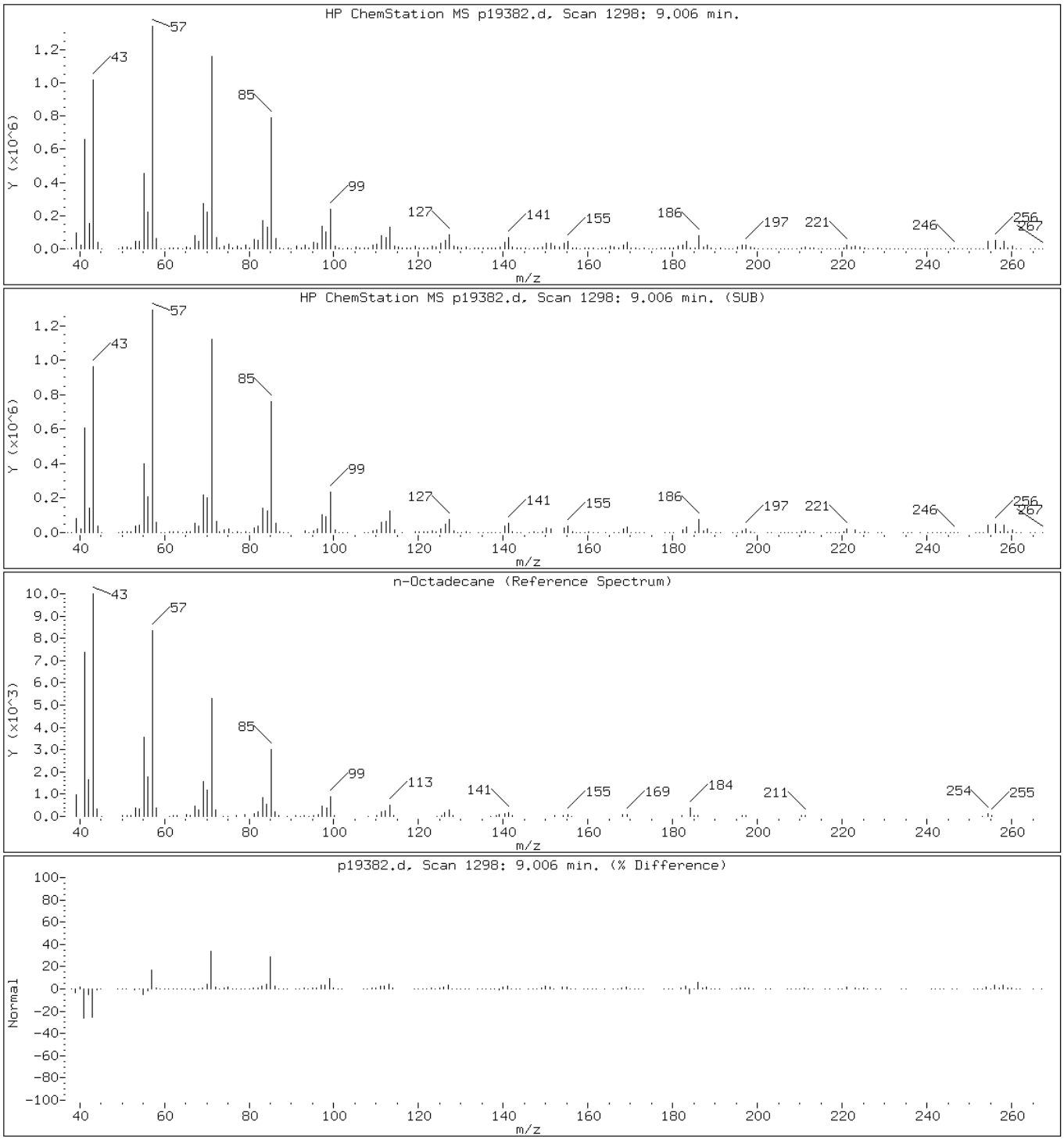
Data File: p19382.d

Date: 18-SEP-2011 06:34

Client ID: PMP-24-VD-S (4.5-6. Instrument: BNAMS10.i

Sample Info: 460-30837-F-5-C Operator: BNAMS 4

115 n-Octadecane



Data File: p19382.d

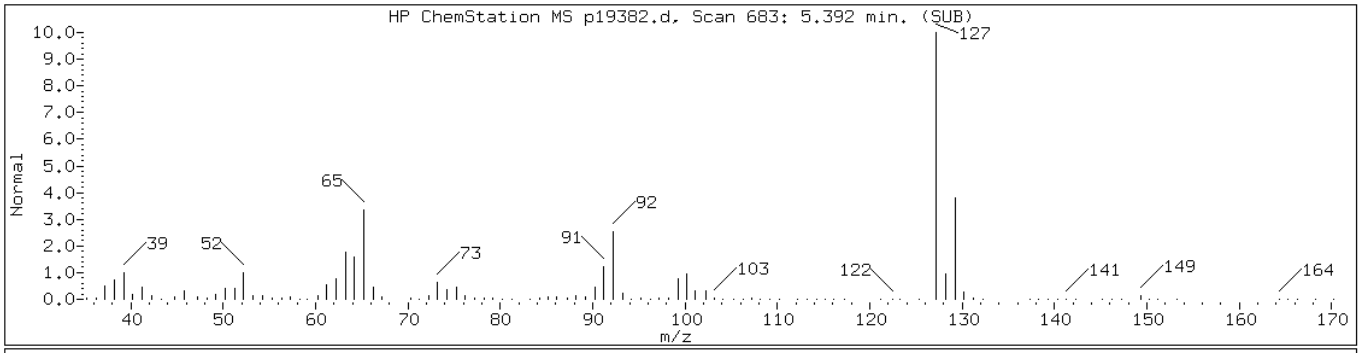
Date: 18-SEP-2011 06:34

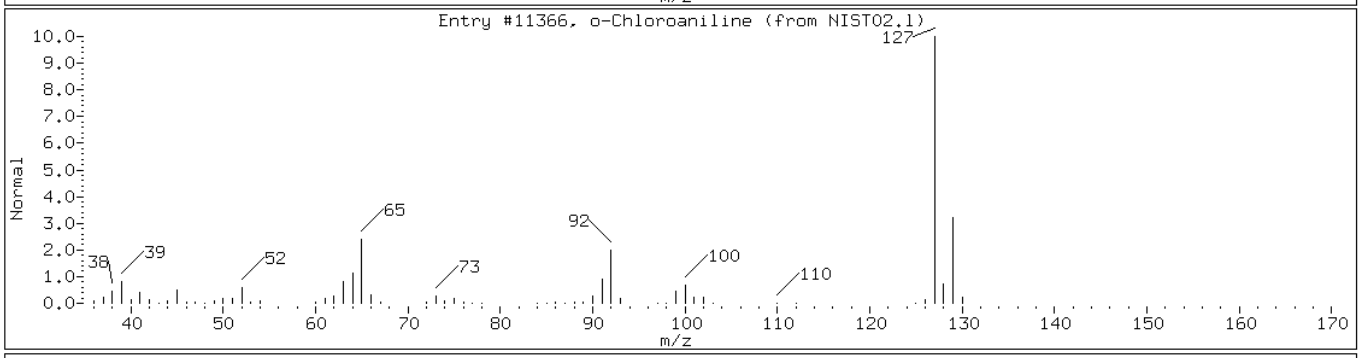
Client ID: PMP-24-VD-S (4.5-6. Instrument: BNAMS10.i

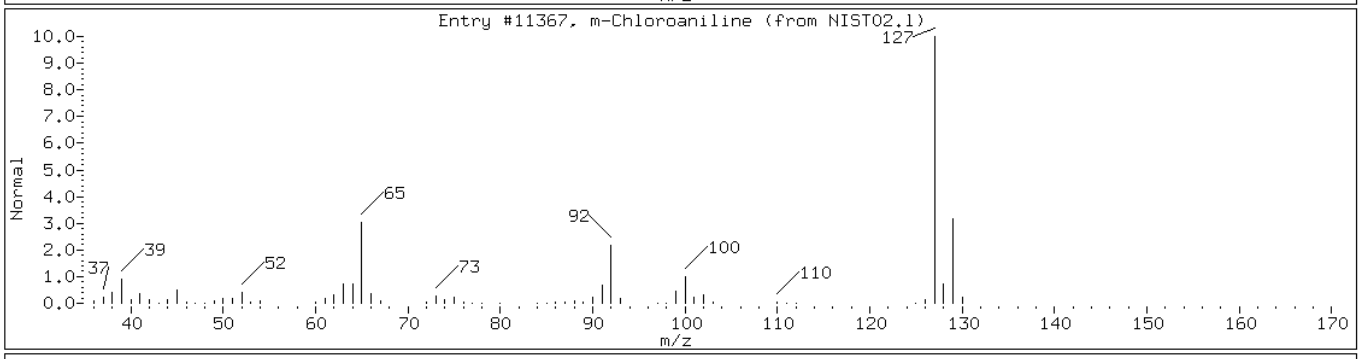
Sample Info: 460-30837-F-5-C Operator: BNAMS 4

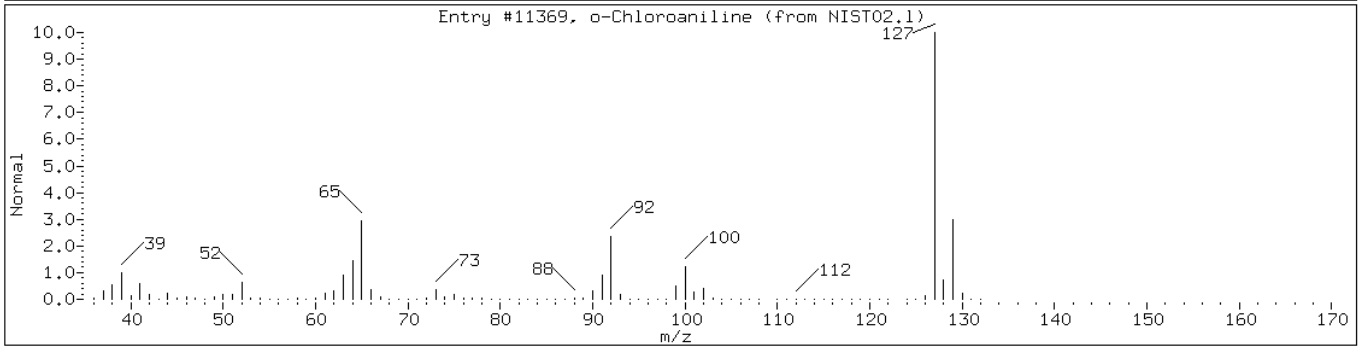
Retention Time: 5.39

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Chloroaniline isomer		NIST02.l	11366	97	C6H6ClN	127
m-Chloroaniline	108-42-9	NIST02.l	11367	95	C6H6ClN	127
o-Chloroaniline	95-51-2	NIST02.l	11369	93	C6H6ClN	127









Data File: p19382.d

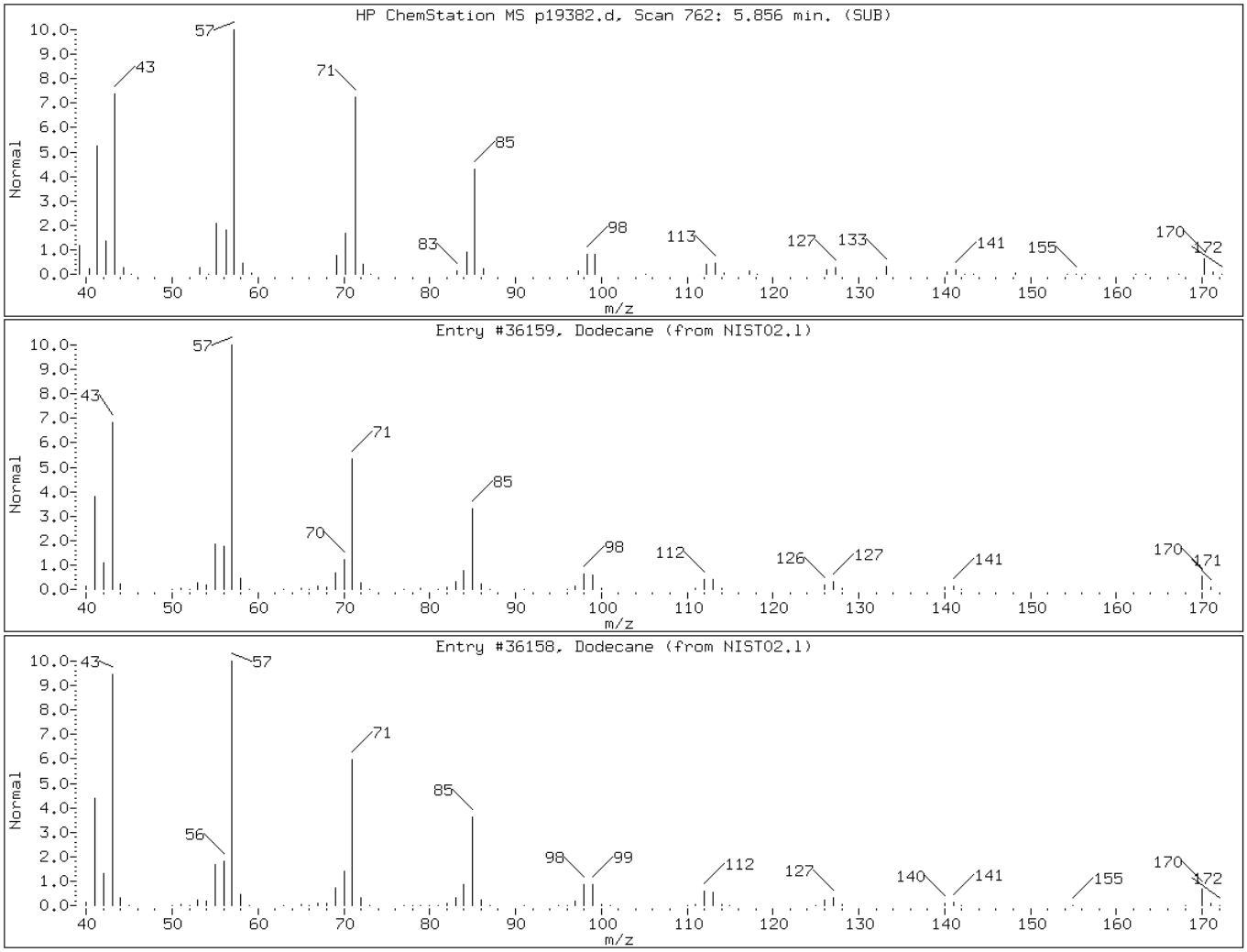
Date: 18-SEP-2011 06:34

Client ID: PMP-24-VD-S (4.5-6. Instrument: BNAMS10.i

Sample Info: 460-30837-F-5-C Operator: BNAMS 4

Retention Time: 5.86

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Dodecane	112-40-3	NIST02.l	36159	94	C12H26	170
Dodecane	112-40-3	NIST02.l	36158	93	C12H26	170



Data File: p19382.d

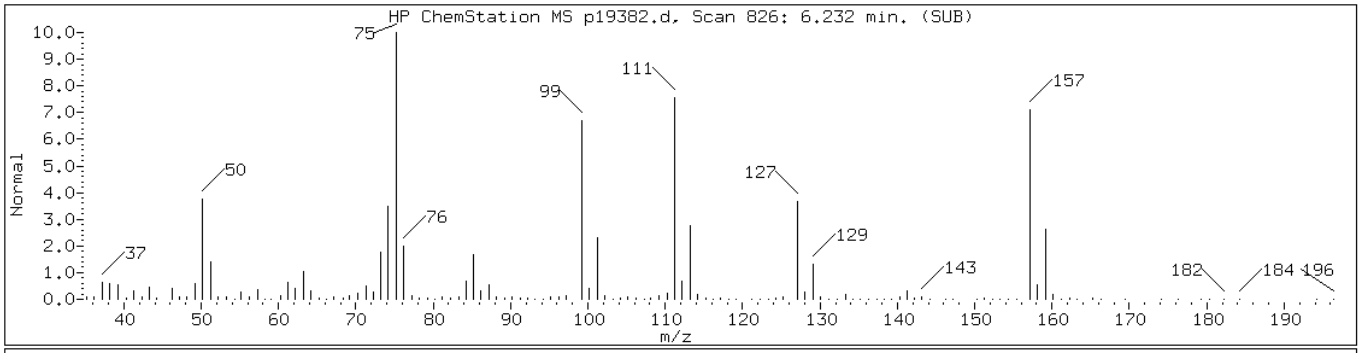
Date: 18-SEP-2011 06:34

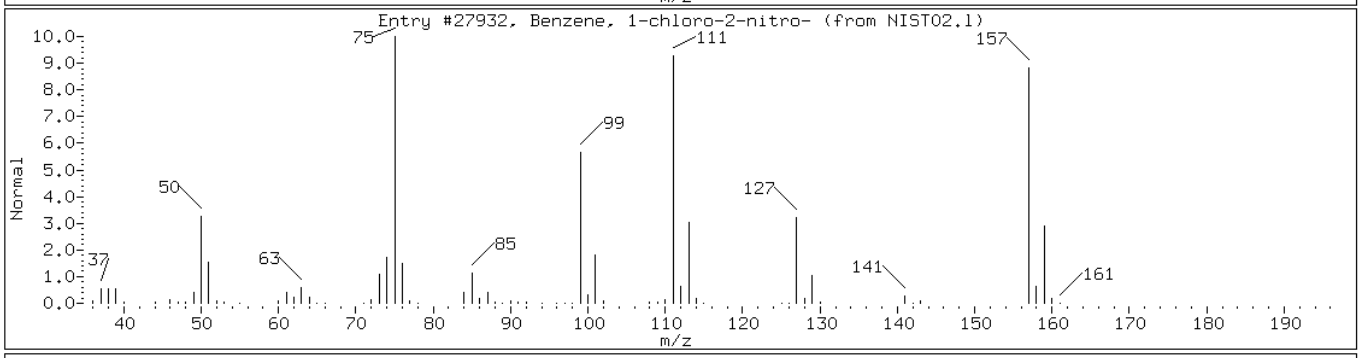
Client ID: PMP-24-VD-S (4.5-6. Instrument: BNAMS10.i

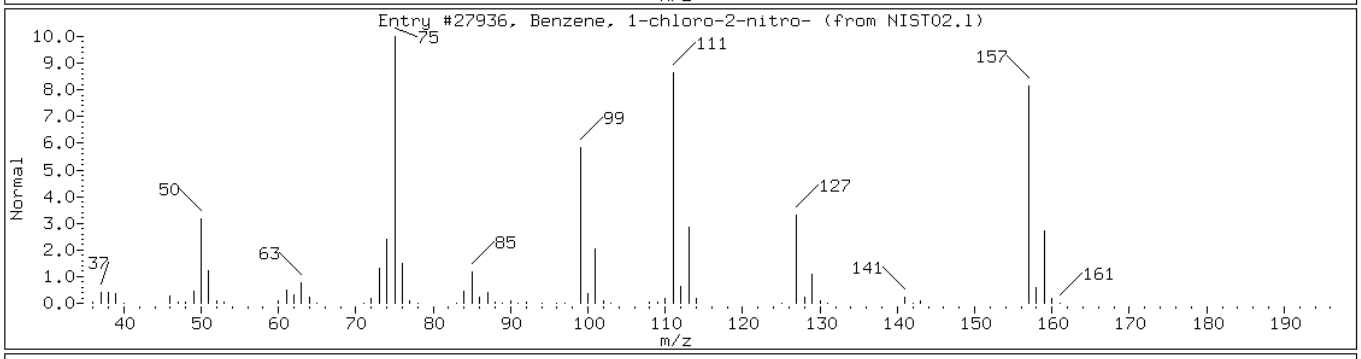
Sample Info: 460-30837-F-5-C Operator: BNAMS 4

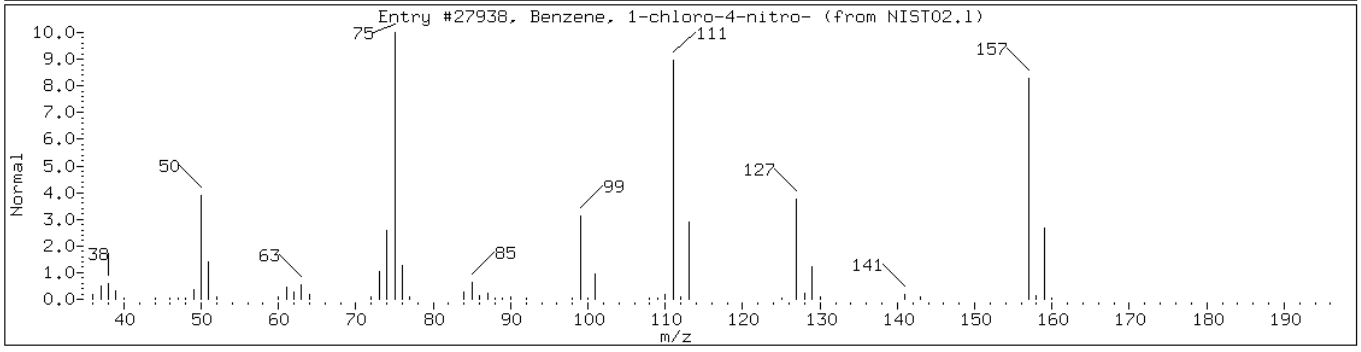
Retention Time: 6.23

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzene, 1-chloro-2-nitro-	88-73-3	NIST02.l	27932	97	C6H4ClNO2	157
Benzene, 1-chloro-2-nitro-	88-73-3	NIST02.l	27936	96	C6H4ClNO2	157
Benzene, 1-chloro-4-nitro-	100-00-5	NIST02.l	27938	95	C6H4ClNO2	157









Data File: p19382.d

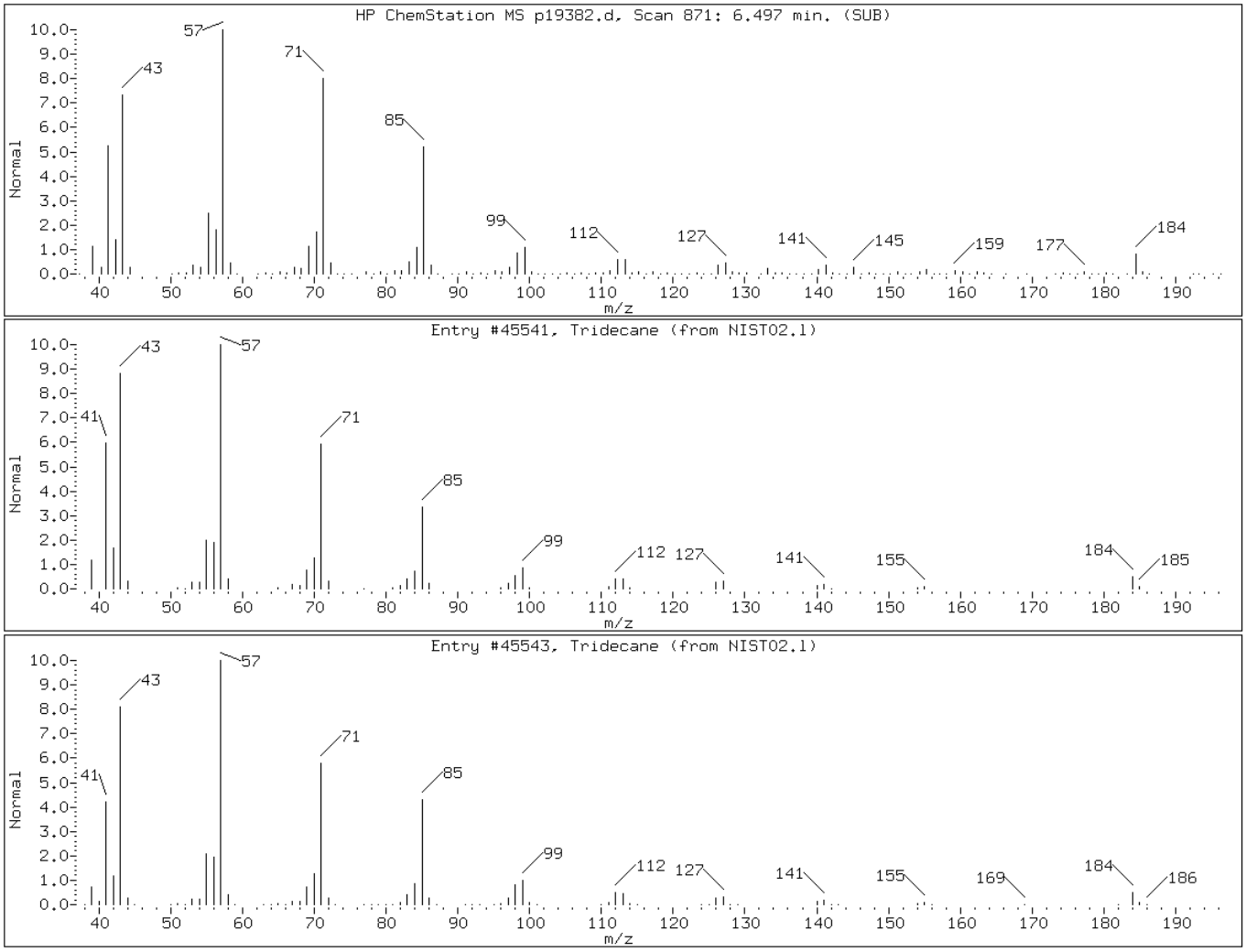
Date: 18-SEP-2011 06:34

Client ID: PMP-24-VD-S (4.5-6. Instrument: BNAMS10.i

Sample Info: 460-30837-F-5-C Operator: BNAMS 4

Retention Time: 6.50

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Tridecane	629-50-5	NIST02.l	45541	96	C13H28	184
Tridecane	629-50-5	NIST02.l	45543	96	C13H28	184



Data File: p19382.d

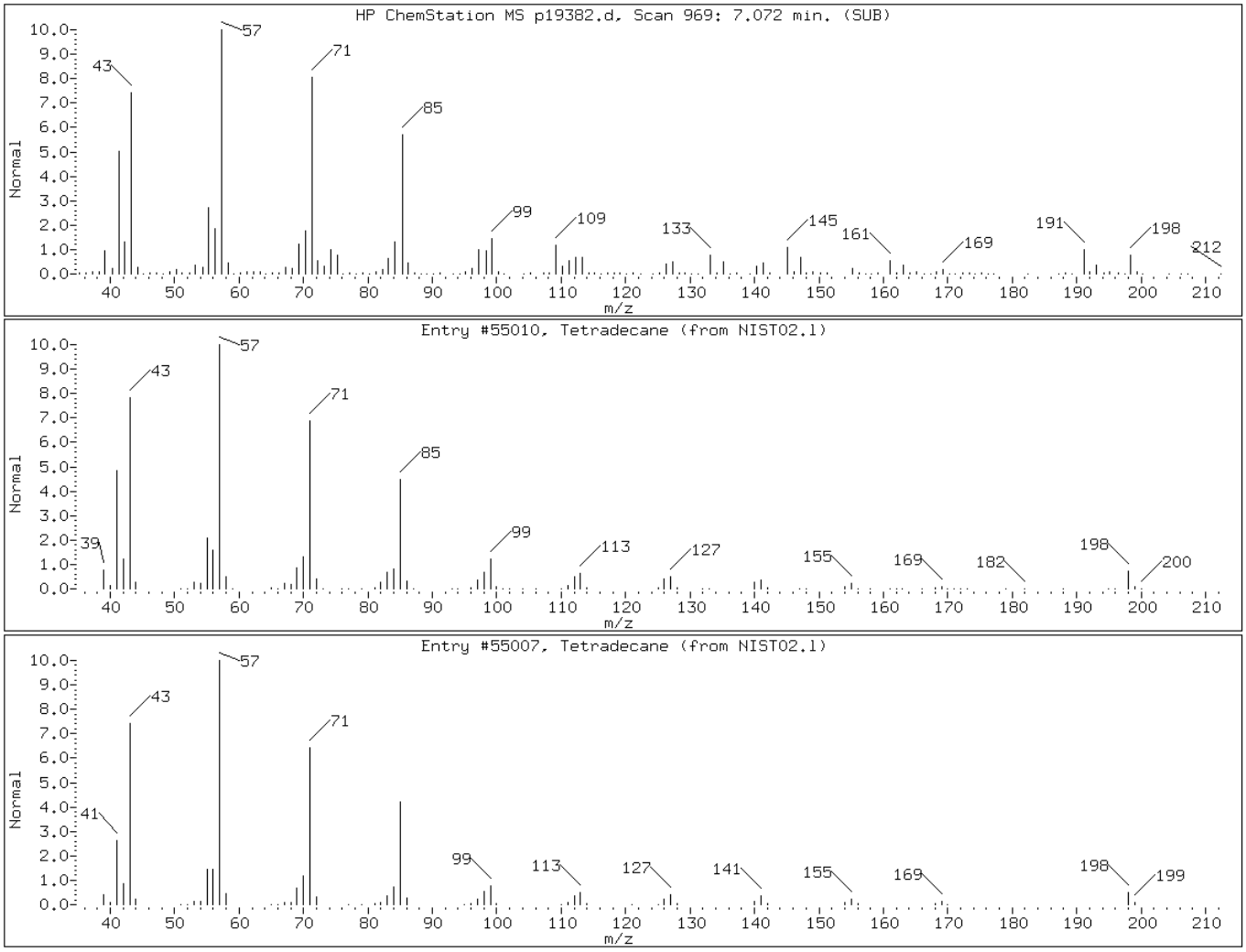
Date: 18-SEP-2011 06:34

Client ID: PMP-24-VD-S (4.5-6. Instrument: BNAMS10.i

Sample Info: 460-30837-F-5-C Operator: BNAMS 4

Retention Time: 7.07

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Tetradecane	629-59-4	NIST02.l	55010	98	C14H30	198
Tetradecane	629-59-4	NIST02.l	55007	96	C14H30	198



Data File: p19382.d

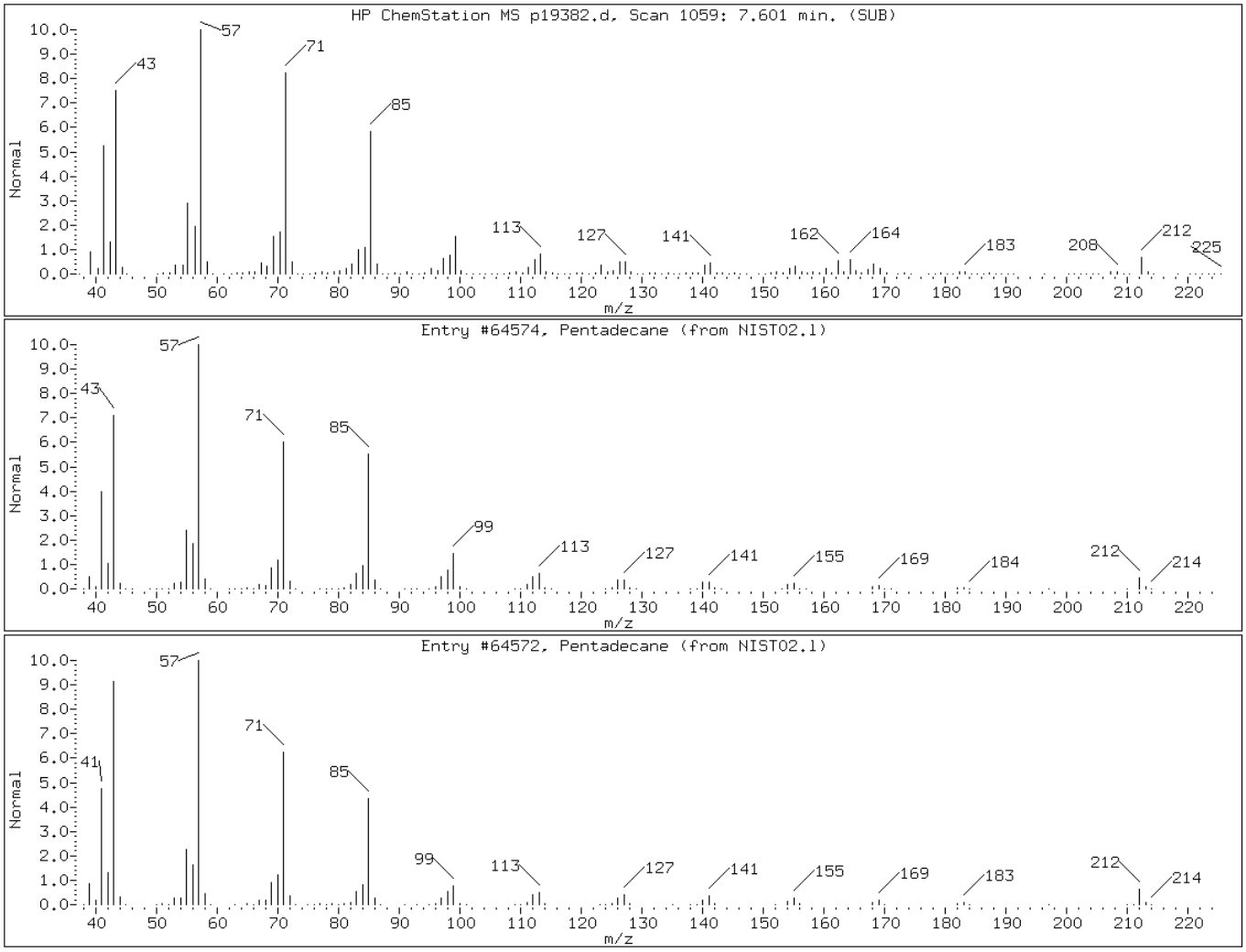
Date: 18-SEP-2011 06:34

Client ID: PMP-24-VD-S (4.5-6. Instrument: BNAMS10.i

Sample Info: 460-30837-F-5-C Operator: BNAMS 4

Retention Time: 7.60

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Pentadecane	629-62-9	NIST02.l	64574	98	C15H32	212
Pentadecane	629-62-9	NIST02.l	64572	93	C15H32	212



Data File: p19382.d

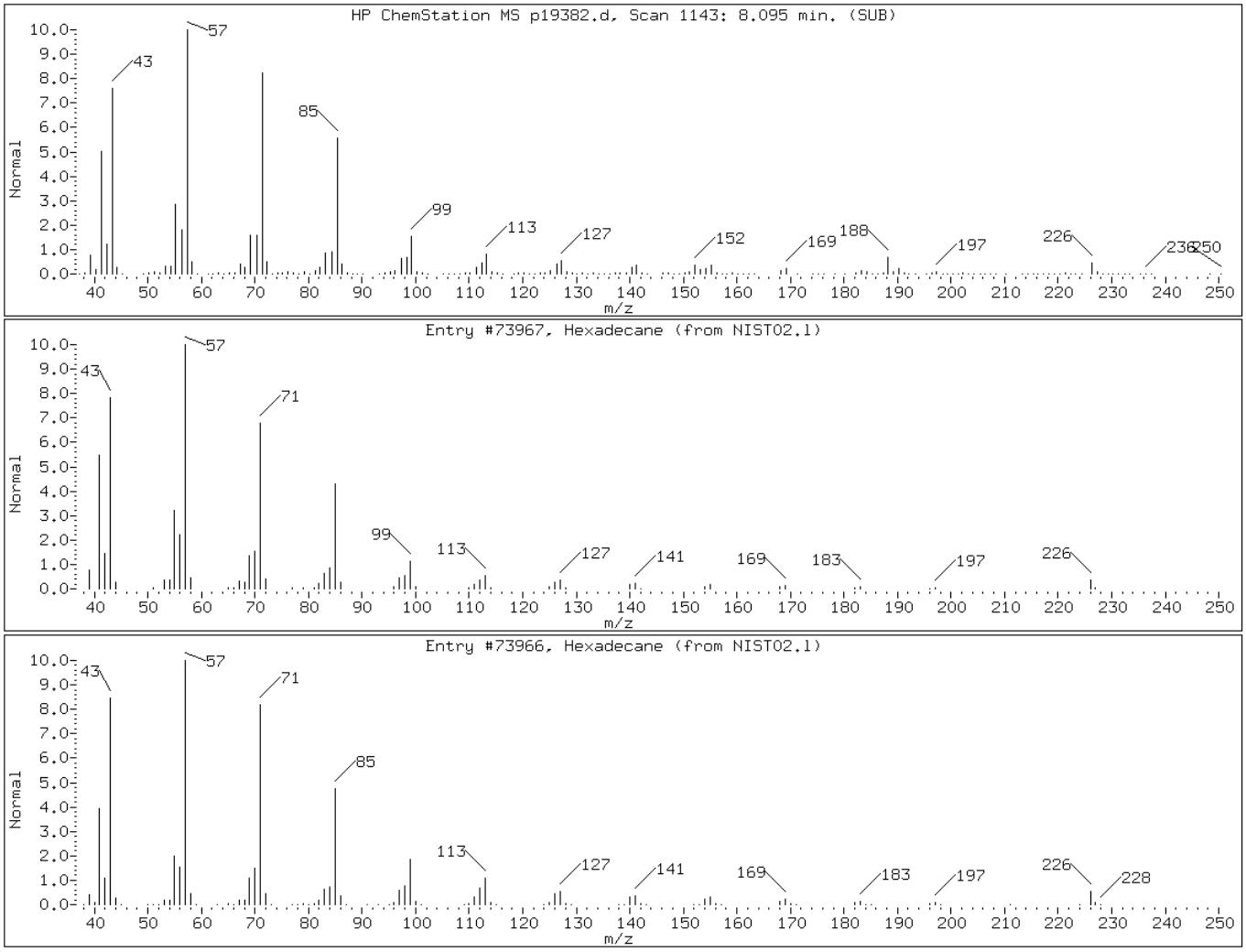
Date: 18-SEP-2011 06:34

Client ID: PMP-24-VD-S (4.5-6. Instrument: BNAMS10.i

Sample Info: 460-30837-F-5-C Operator: BNAMS 4

Retention Time: 8.09

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Hexadecane	544-76-3	NIST02.l	73967	97	C16H34	226
Hexadecane	544-76-3	NIST02.l	73966	96	C16H34	226



Data File: p19382.d

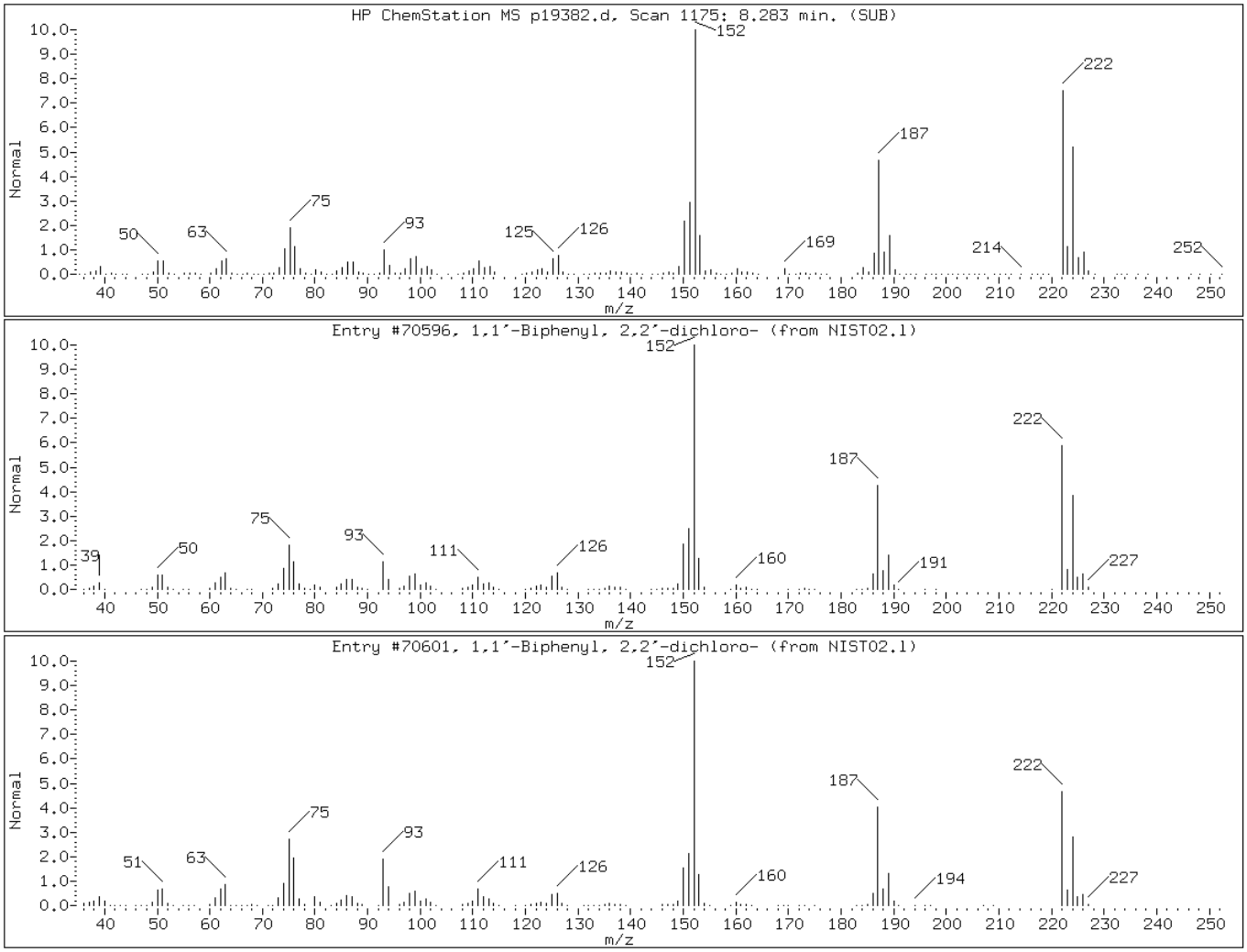
Date: 18-SEP-2011 06:34

Client ID: PMP-24-VD-S (4.5-6. Instrument: BNAMS10.i

Sample Info: 460-30837-F-5-C Operator: BNAMS 4

Retention Time: 8.28

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dichloro-1,1-biphenyl isomer-1						
1,1'-Biphenyl, 2,2'-dichloro-	13029-08-8	NIST02.l	70596	99	C12H8Cl2	222
1,1'-Biphenyl, 2,2'-dichloro-	13029-08-8	NIST02.l	70601	98	C12H8Cl2	222



Data File: p19382.d

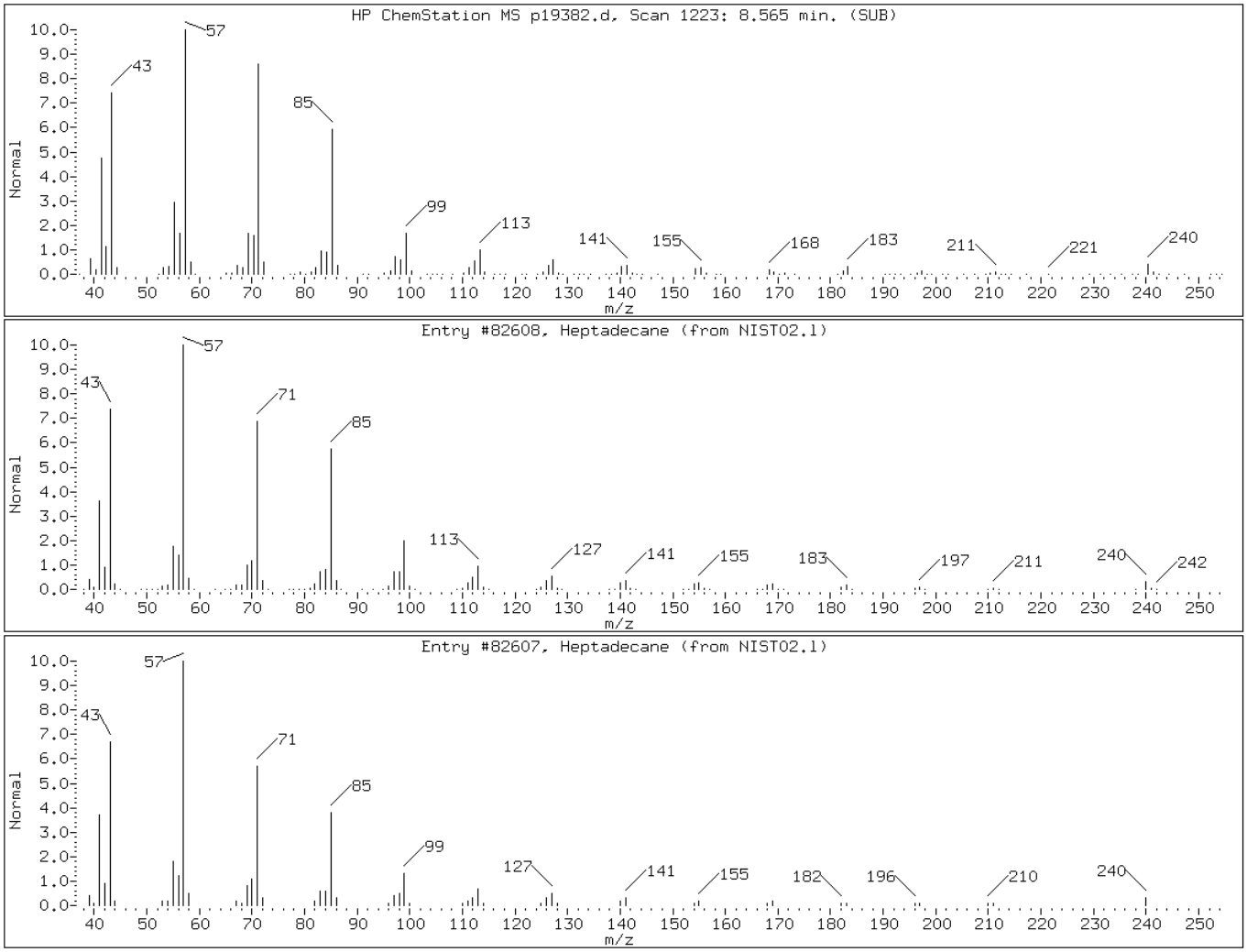
Date: 18-SEP-2011 06:34

Client ID: PMP-24-VD-S (4.5-6. Instrument: BNAMS10.i

Sample Info: 460-30837-F-5-C Operator: BNAMS 4

Retention Time: 8.56

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Heptadecane	629-78-7	NIST02.l	82608	98	C17H36	240
Heptadecane	629-78-7	NIST02.l	82607	93	C17H36	240



Data File: p19382.d

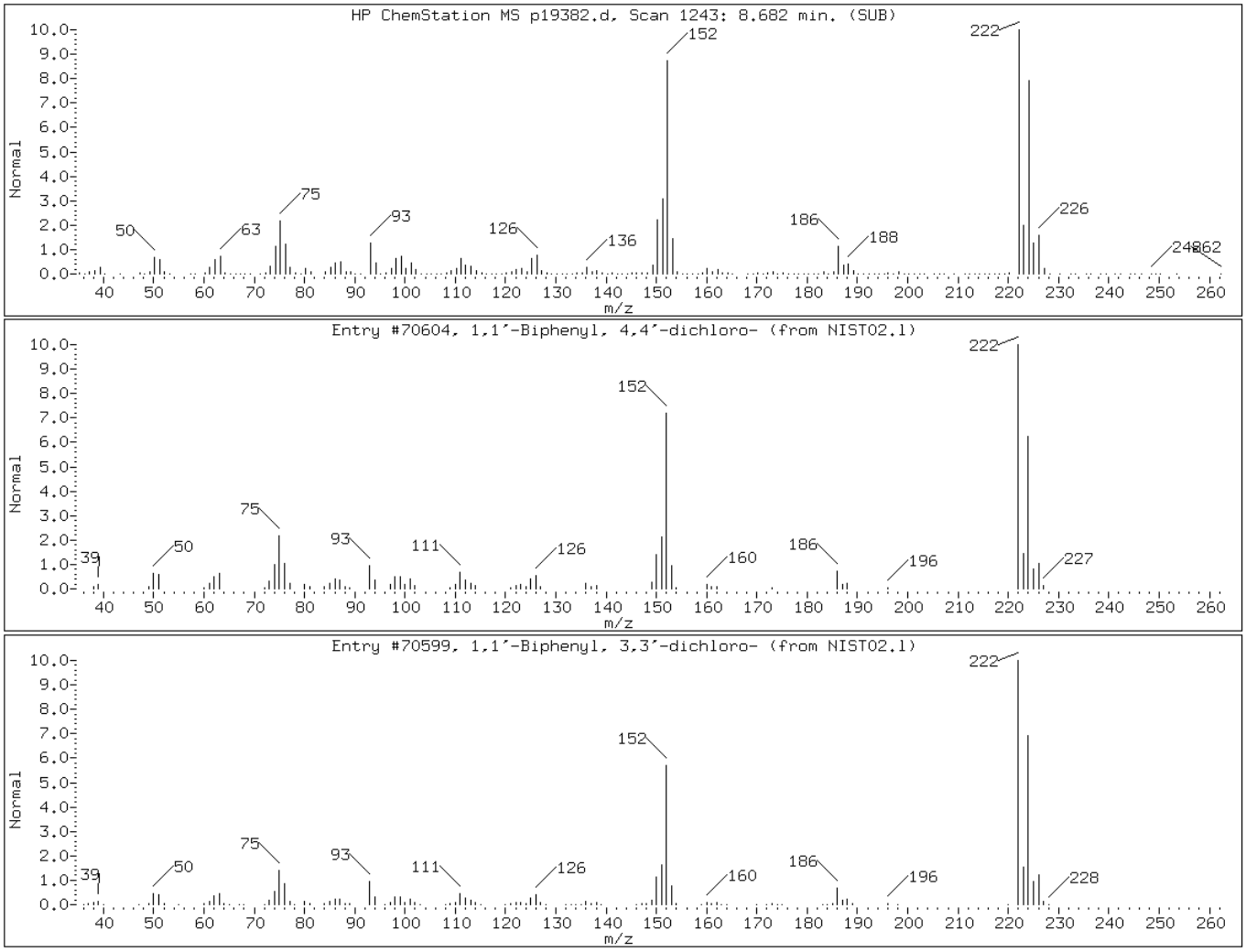
Date: 18-SEP-2011 06:34

Client ID: PMP-24-VD-S (4.5-6. Instrument: BNAMS10.i

Sample Info: 460-30837-F-5-C Operator: BNAMS 4

Retention Time: 8.68

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	70604	98	C12H8Cl2	222
1,1'-Biphenyl, 3,3'-dichloro-	2050-67-1	NIST02.l	70599	98	C12H8Cl2	222



Data File: p19382.d

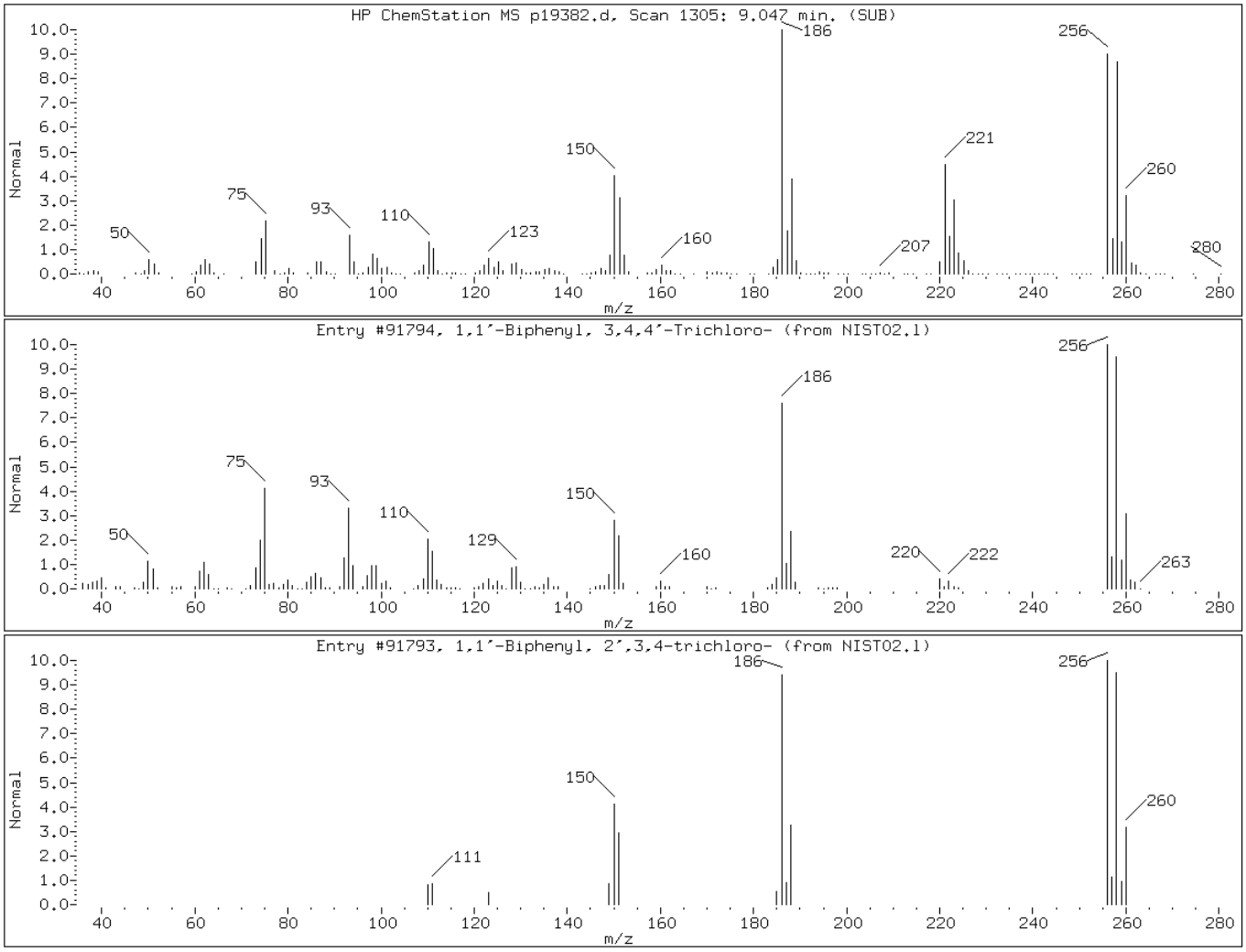
Date: 18-SEP-2011 06:34

Client ID: PMP-24-VD-S (4.5-6. Instrument: BNAMS10.i

Sample Info: 460-30837-F-5-C Operator: BNAMS 4

Retention Time: 9.05

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-1						
1,1'-Biphenyl, 3,4,4'-Trichloro-	38444-90-5	NIST02.l	91794	98	C12H7Cl3	256
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.l	91793	98	C12H7Cl3	256



Data File: p19382.d

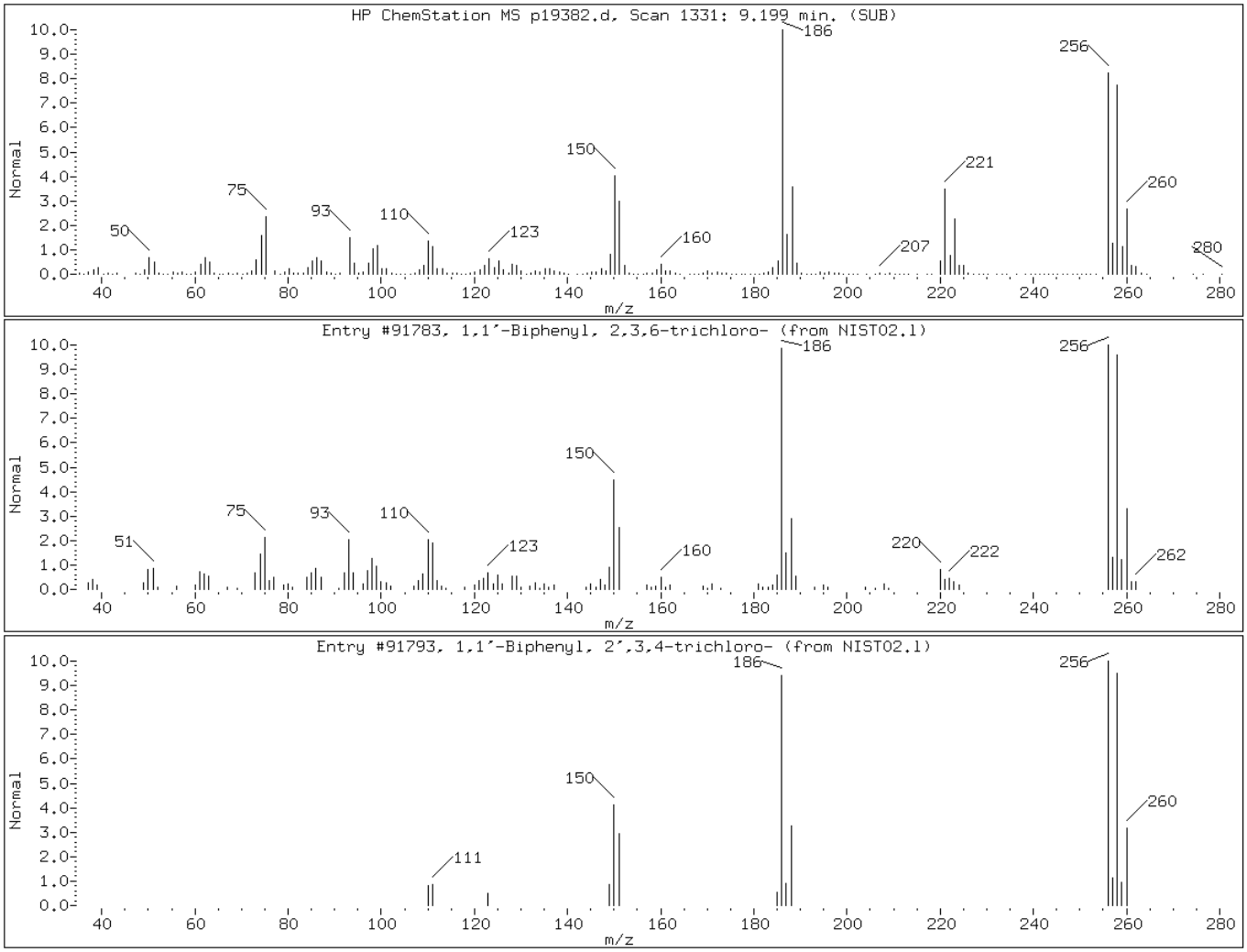
Date: 18-SEP-2011 06:34

Client ID: PMP-24-VD-S (4.5-6. Instrument: BNAMS10.i

Sample Info: 460-30837-F-5-C Operator: BNAMS 4

Retention Time: 9.20

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',3,4-trichloro-	38444-86-9	NIST02.l	91793	98	C12H7Cl3	256



Data File: p19382.d

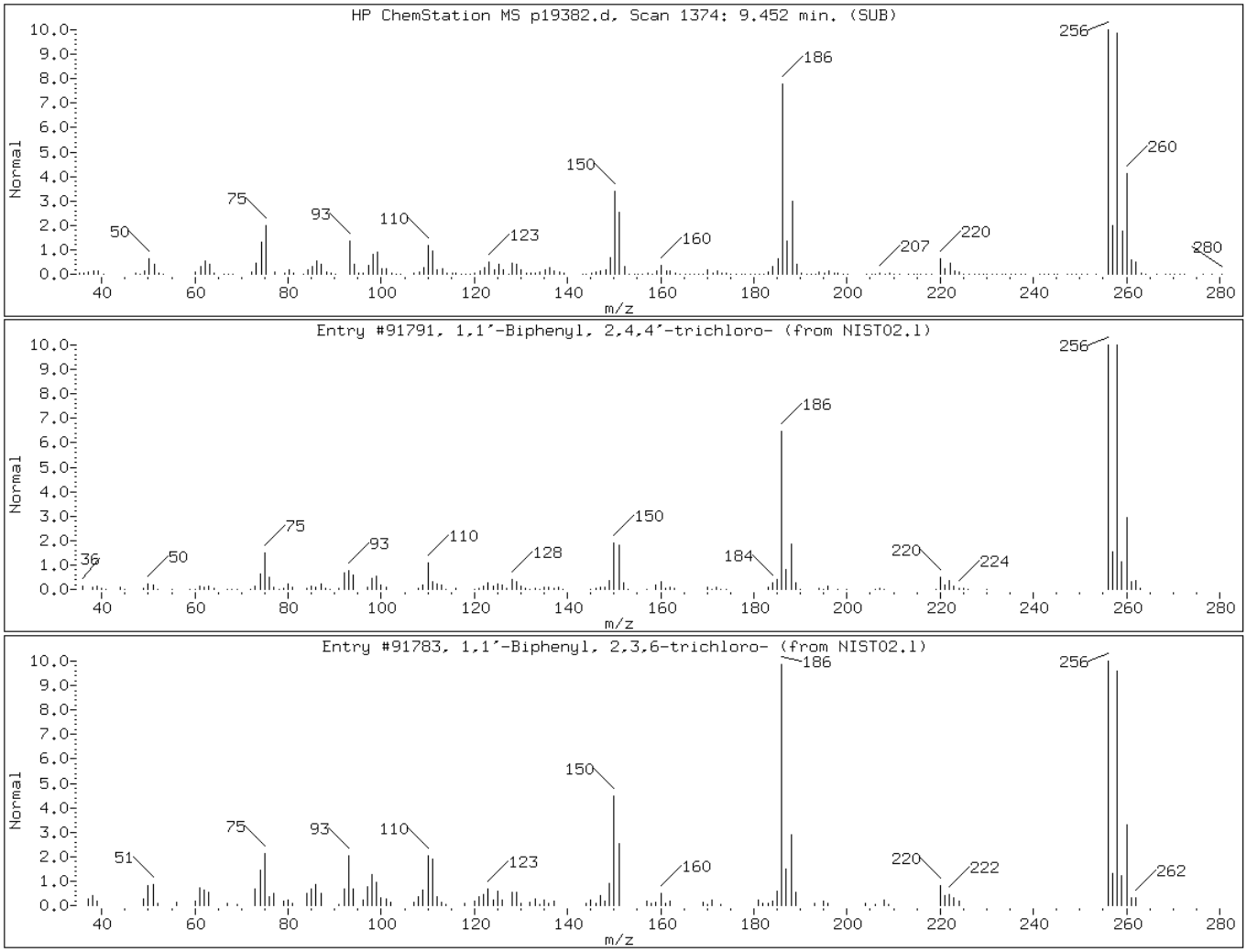
Date: 18-SEP-2011 06:34

Client ID: PMP-24-VD-S (4.5-6. Instrument: BNAMS10.i

Sample Info: 460-30837-F-5-C Operator: BNAMS 4

Retention Time: 9.45

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	91791	99	C12H7Cl3	256
1,1'-Biphenyl, 2,3,6-trichloro-	55702-45-9	NIST02.l	91783	97	C12H7Cl3	256



Data File: p19382.d

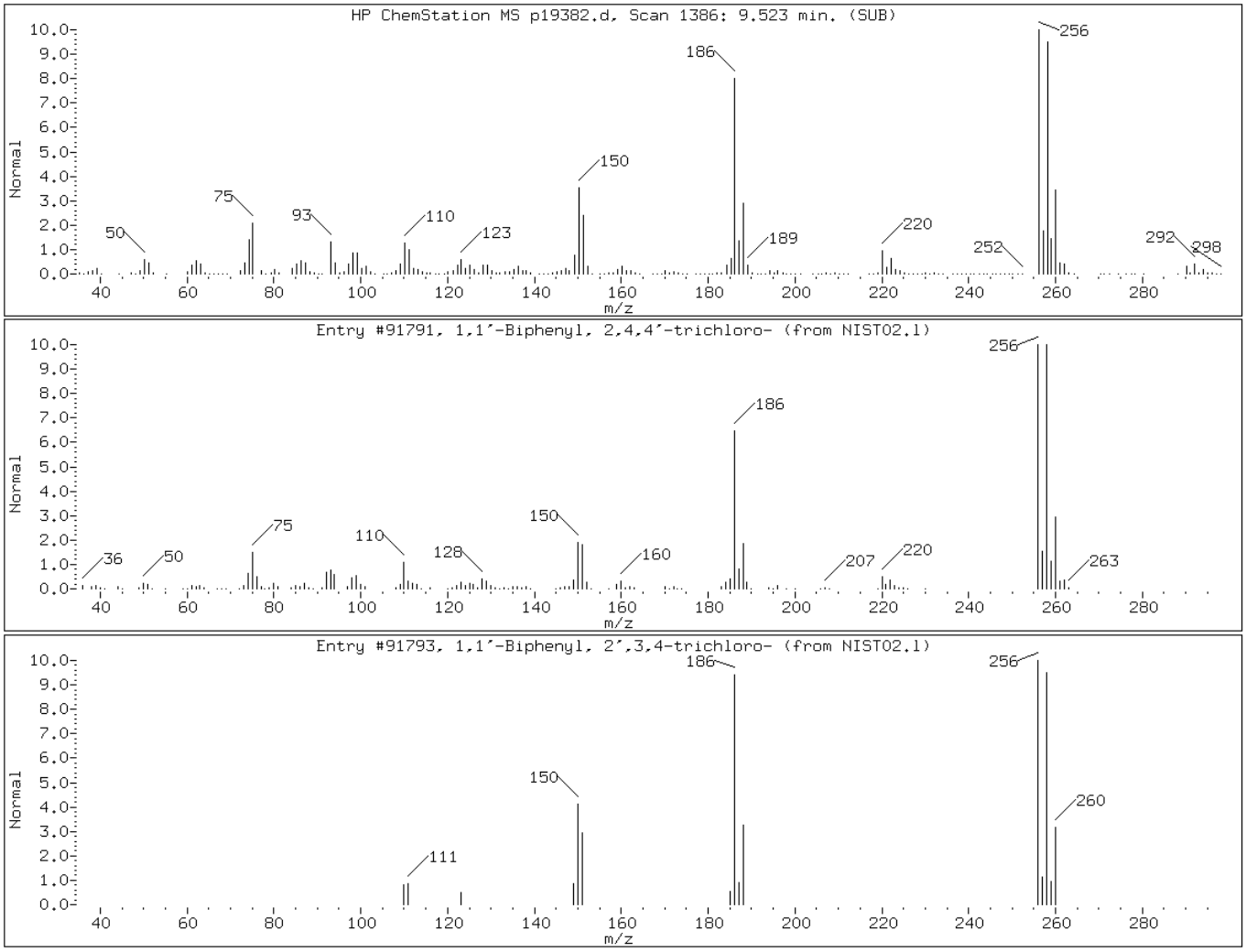
Date: 18-SEP-2011 06:34

Client ID: PMP-24-VD-S (4.5-6. Instrument: BNAMS10.i

Sample Info: 460-30837-F-5-C Operator: BNAMS 4

Retention Time: 9.52

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	99	C12H7Cl3	256
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.l	91793	98	C12H7Cl3	256



Data File: p19382.d

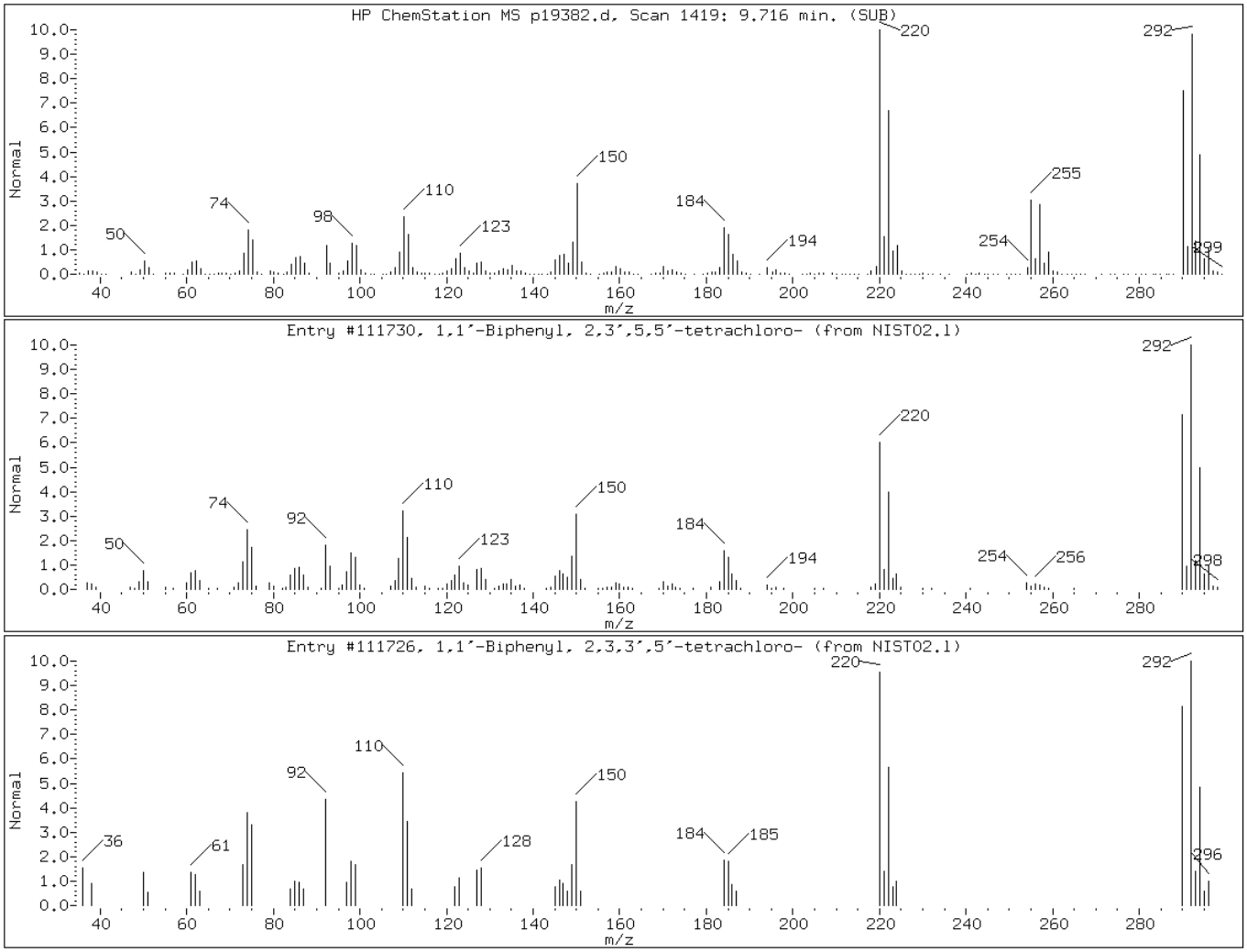
Date: 18-SEP-2011 06:34

Client ID: PMP-24-VD-S (4.5-6. Instrument: BNAMS10.i

Sample Info: 460-30837-F-5-C Operator: BNAMS 4

Retention Time: 9.72

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-1						
1,1'-Biphenyl, 2,3',5,5'-tetrachlo	41464-42-0	NIST02.l	111730	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3,3',5'-tetrachlo	41464-49-7	NIST02.l	111726	99	C12H6Cl4	290



Data File: p19382.d

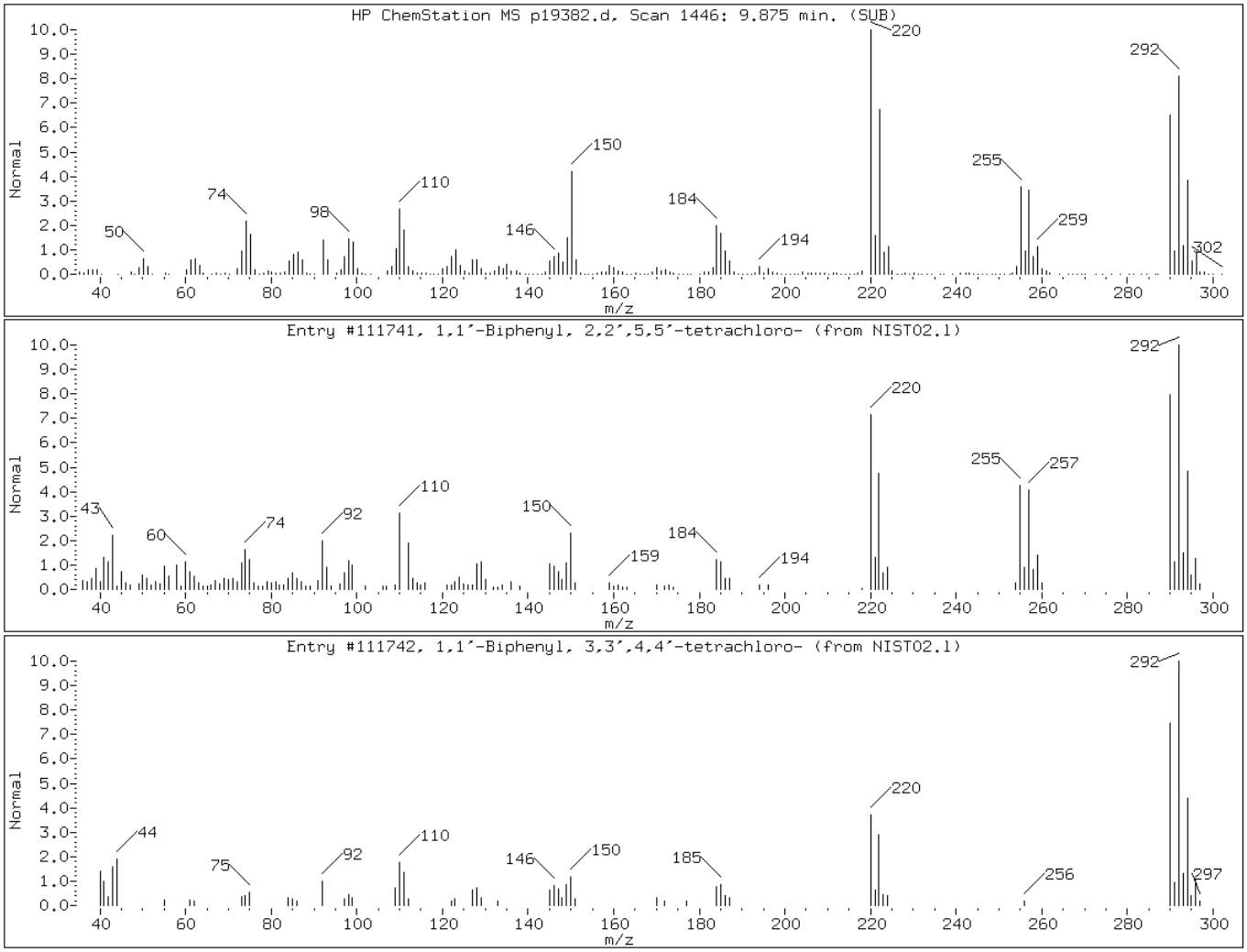
Date: 18-SEP-2011 06:34

Client ID: PMP-24-VD-S (4.5-6. Instrument: BNAMS10.i

Sample Info: 460-30837-F-5-C Operator: BNAMS 4

Retention Time: 9.88

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, 3,3',4,4'-tetrachlo	32598-13-3	NIST02.l	111742	99	C12H6Cl4	290



Data File: p19382.d

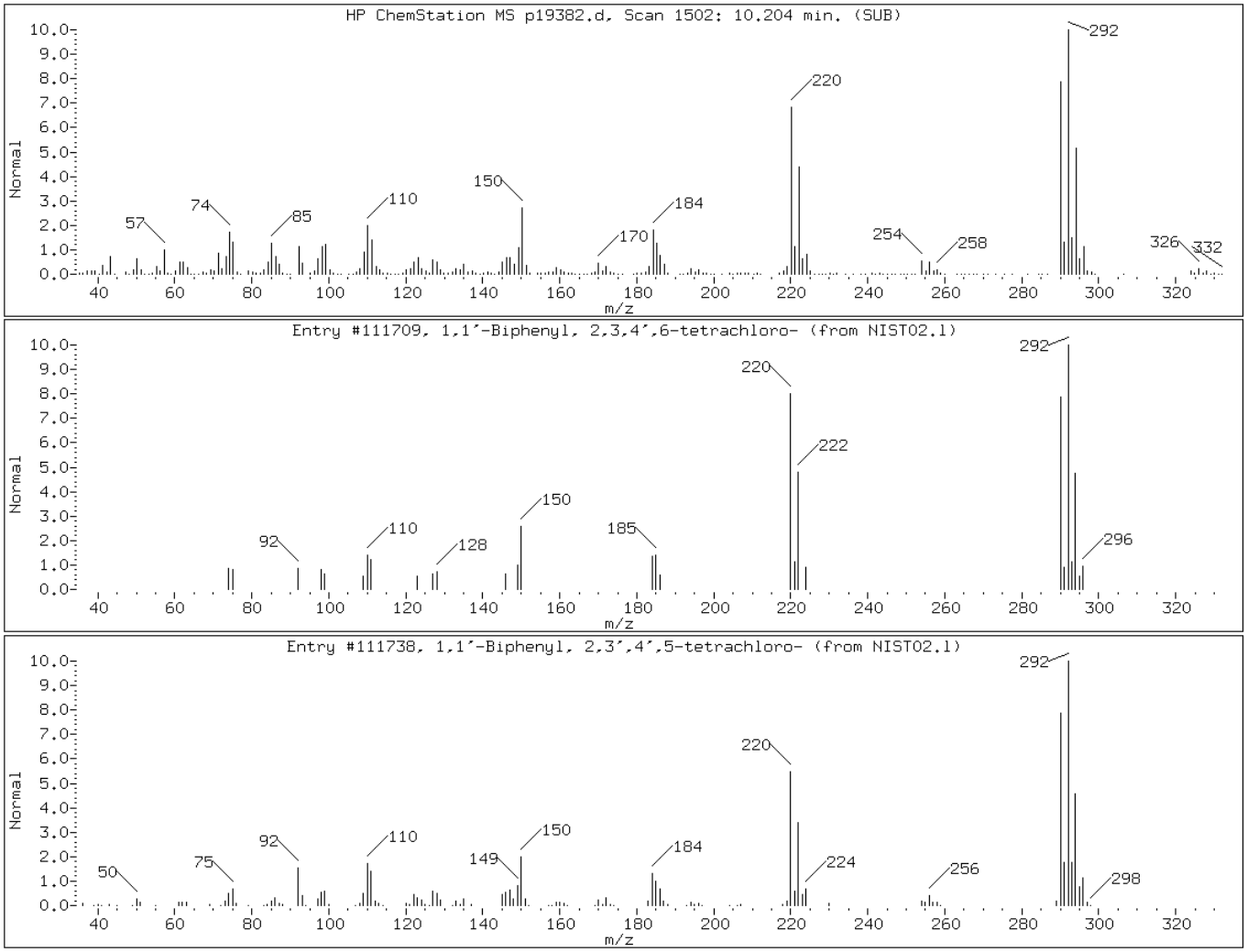
Date: 18-SEP-2011 06:34

Client ID: PMP-24-VD-S (4.5-6. Instrument: BNAMS10.i

Sample Info: 460-30837-F-5-C Operator: BNAMS 4

Retention Time: 10.20

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	52663-58-8	NIST02.l	111709	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3',4',5-tetrachlo	32598-11-1	NIST02.l	111738	99	C12H6Cl4	290



Data File: p19382.d

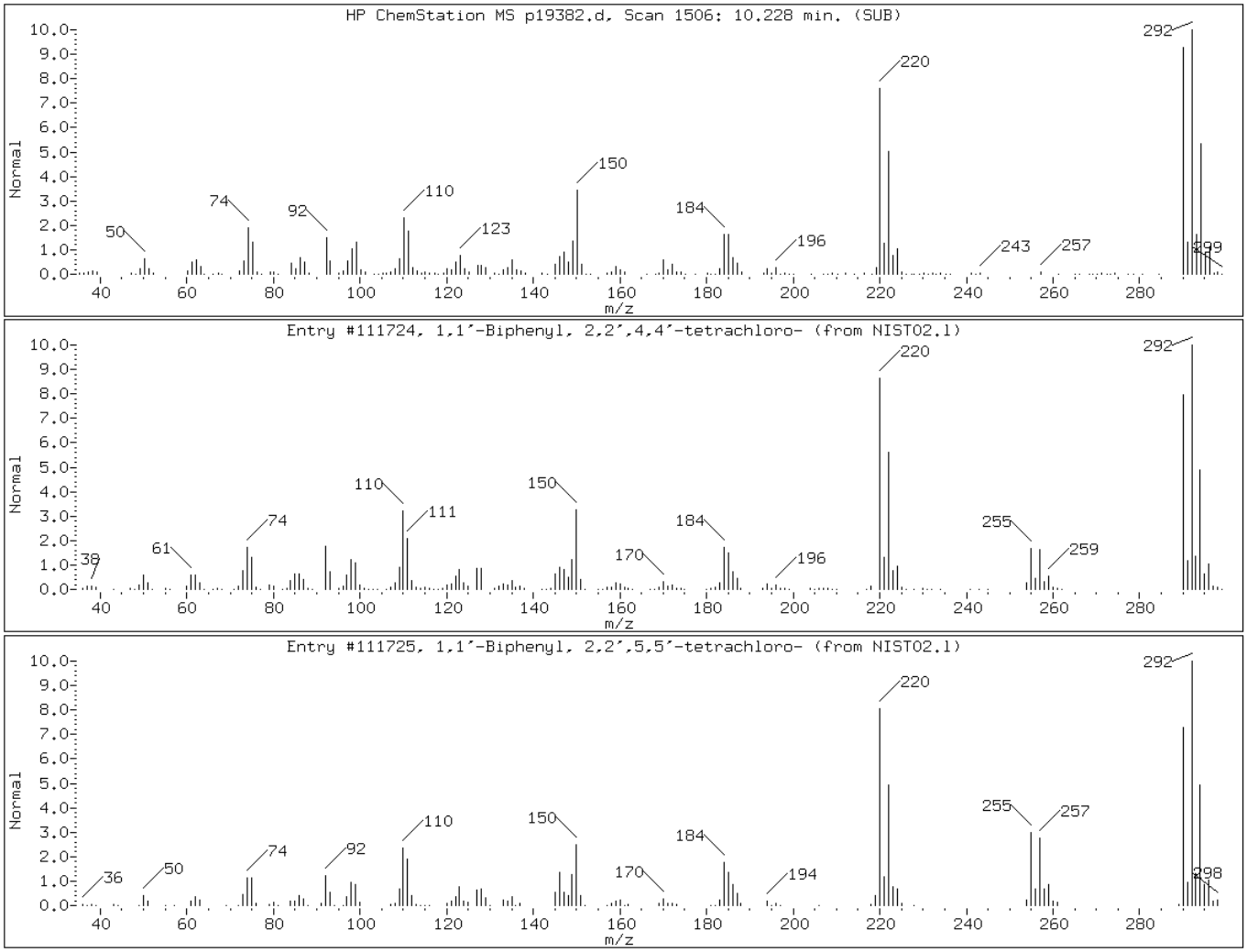
Date: 18-SEP-2011 06:34

Client ID: PMP-24-VD-S (4.5-6. Instrument: BNAMS10.i

Sample Info: 460-30837-F-5-C Operator: BNAMS 4

Retention Time: 10.23

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-5						
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	111725	99	C12H6Cl4	290



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-24-WT-S (6.5-8.5) | Lab Sample ID: 460-30837-6

Matrix: Solid | Lab File ID: u70104.d

Analysis Method: 8270C | Date Collected: 09/08/2011 16:55

Extract. Method: 3541 | Date Extracted: 09/13/2011 10:15

Sample wt/vol: 15.04(g) | Date Analyzed: 09/14/2011 18:33

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86190 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	1900	U	1900	240
95-57-8	2-Chlorophenol	1900	U	1900	260
95-48-7	2-Methylphenol	1900	U	1900	280
106-44-5	4-Methylphenol	1900	U	1900	310
100-52-7	Benzaldehyde	1900	U	1900	120
98-86-2	Acetophenone	1900	U	1900	280
111-44-4	Bis(2-chloroethyl)ether	190	U	190	40
108-60-1	2,2'-oxybis[1-chloropropane]	1900	U	1900	250
621-64-7	N-Nitrosodi-n-propylamine	190	U	190	25
98-95-3	Nitrobenzene	190	U	190	43
67-72-1	Hexachloroethane	190	U	190	32
78-59-1	Isophorone	1900	U	1900	220
88-75-5	2-Nitrophenol	1900	U	1900	320
105-67-9	2,4-Dimethylphenol	1900	U	1900	310
120-83-2	2,4-Dichlorophenol	1900	U	1900	310
111-91-1	Bis(2-chloroethoxy)methane	1900	U	1900	270
91-20-3	Naphthalene	1900	U	1900	280
106-47-8	4-Chloroaniline	1800	J	1900	240
87-68-3	Hexachlorobutadiene	390	U	390	78
105-60-2	Caprolactam	1900	U	1900	260
59-50-7	4-Chloro-3-methylphenol	1900	U	1900	320
91-57-6	2-Methylnaphthalene	1500	J	1900	280
118-74-1	Hexachlorobenzene	190	U	190	27
77-47-4	Hexachlorocyclopentadiene	1900	U	1900	560
88-06-2	2,4,6-Trichlorophenol	1900	U	1900	340
95-95-4	2,4,5-Trichlorophenol	1900	U	1900	370
92-52-4	Diphenyl	640	J	1900	320
91-58-7	2-Chloronaphthalene	1900	U	1900	270
88-74-4	2-Nitroaniline	3900	U	3900	530
606-20-2	2,6-Dinitrotoluene	390	U	390	49
131-11-3	Dimethyl phthalate	1900	U	1900	260
208-96-8	Acenaphthylene	1900	U	1900	270
99-09-2	3-Nitroaniline	3900	U	3900	430
83-32-9	Acenaphthene	1900	U	1900	270

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-24-WT-S (6.5-8.5) | Lab Sample ID: 460-30837-6

Matrix: Solid | Lab File ID: u70104.d

Analysis Method: 8270C | Date Collected: 09/08/2011 16:55

Extract. Method: 3541 | Date Extracted: 09/13/2011 10:15

Sample wt/vol: 15.04(g) | Date Analyzed: 09/14/2011 18:33

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86190 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	5800	U	5800	490
51-28-5	2,4-Dinitrophenol	5800	U	5800	410
132-64-9	Dibenzofuran	1900	U	1900	290
84-66-2	Diethyl phthalate	1900	U	1900	260
86-73-7	Fluorene	1900	U	1900	330
206-44-0	Fluoranthene	1900	U	1900	320
84-74-2	Di-n-butyl phthalate	1900	U	1900	290
121-14-2	2,4-Dinitrotoluene	390	U	390	56
7005-72-3	4-Chlorophenyl phenyl ether	1900	U	1900	330
100-01-6	4-Nitroaniline	3900	U	3900	400
534-52-1	4,6-Dinitro-2-methylphenol	5800	U	5800	920
101-55-3	4-Bromophenyl phenyl ether	1900	U	1900	340
1912-24-9	Atrazine	1900	U	1900	360
120-12-7	Anthracene	1900	U	1900	340
86-74-8	Carbazole	1900	U	1900	310
85-01-8	Phenanthrene	830	J	1900	330
87-86-5	Pentachlorophenol	5800	U	5800	940
129-00-0	Pyrene	1900	U	1900	330
218-01-9	Chrysene	1900	U	1900	280
207-08-9	Benzo[k]fluoranthene	190	U	190	27
191-24-2	Benzo[g,h,i]perylene	1900	U	1900	200
205-99-2	Benzo[b]fluoranthene	190	U	190	29
50-32-8	Benzo[a]pyrene	190	U	190	24
56-55-3	Benzo[a]anthracene	190	U	190	36
86-30-6	N-Nitrosodiphenylamine	1900	U	1900	310
85-68-7	Butyl benzyl phthalate	1900	U	1900	220
117-81-7	Bis(2-ethylhexyl) phthalate	400	J	1900	250
117-84-0	Di-n-octyl phthalate	1900	U	1900	230
193-39-5	Indeno[1,2,3-cd]pyrene	190	U	190	31
53-70-3	Dibenz(a,h)anthracene	190	U	190	23
91-94-1	3,3'-Dichlorobenzidine	3900	U	3900	420
95-94-3	1,2,4,5-Tetrachlorobenzene	1900	U	1900	260
58-90-2	2,3,4,6-Tetrachlorophenol	1900	U	1900	380

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-24-WT-S (6.5-8.5) Lab Sample ID: 460-30837-6

Matrix: Solid Lab File ID: u70104.d

Analysis Method: 8270C Date Collected: 09/08/2011 16:55

Extract. Method: 3541 Date Extracted: 09/13/2011 10:15

Sample wt/vol: 15.04(g) Date Analyzed: 09/14/2011 18:33

Con. Extract Vol.: 1(mL) Dilution Factor: 5

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 14.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86190 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	67		38-105
4165-62-2	Phenol-d5	73		41-118
1718-51-0	Terphenyl-d14	59		16-151
118-79-6	2,4,6-Tribromophenol	52		10-120
367-12-4	2-Fluorophenol	64		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.: 460-30837-1

SDG No.:

Client Sample ID: PMP-24-WT-S (6.5-8.5) | Lab Sample ID: 460-30837-6

Matrix: Solid | Lab File ID: u70104.d

Analysis Method: 8270C | Date Collected: 09/08/2011 16:55

Extract. Method: 3541 | Date Extracted: 09/13/2011 10:15

Sample wt/vol: 15.04(g) | Date Analyzed: 09/14/2011 18:33

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86190 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 199200

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Chloronitrobenzene isomer	5.45	34000	J
	Unknown Alkane-1	7.31	13000	J
	Dichloro-1,1-biphenyl isomer-1	7.48	18000	J
	Unknown Alkane-2	7.78	6100	J
	Dichloro-1,1-biphenyl isomer-3	7.89	10000	J
	Unknown Alkane-3	8.22	4800	J
	Dichloro-1,1-biphenyl isomer-4	8.31	5900	J
	Trichloro-1,1-biphenyl isomer-1	8.41	7700	J
	Trichloro-1,1-biphenyl isomer-3	8.64	8900	J
	Trichloro-1,1-biphenyl isomer-4	8.67	13000	J
	Trichloro-1,1-biphenyl isomer-5	8.73	9800	J
	Trichloro-1,1-biphenyl isomer-6	8.80	5000	J
	Tetrachloro-1,1-biphenyl isomer-1	8.92	6100	J
	Tetrachloro-1,1-biphenyl isomer-2	8.96	4300	J
	Tetrachloro-1,1-biphenyl isomer-3	9.08	6200	J
	Trichloro-1,1-biphenyl isomer-7	9.14	5900	J
	Tetrachloro-1,1-biphenyl isomer-7	9.41	8400	J
	Tetrachloro-1,1-biphenyl isomer-8	9.44	4900	J
	Tetrachloro-1,1-biphenyl isomer-9	9.55	5200	J
	Pentachloro-1,1''-biphenyl isomer	9.58	22000	J

Data File: /chem/BNAMS4.i/8270T/09-06-11/14sep11.b/u70104.d
Report Date: 16-Sep-2011 11:25

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/09-06-11/14sep11.b/u70104.d
Lab Smp Id: 460-30837-F-6-B Client Smp ID: PMP-24-WT-S (6.5-8.
Inj Date : 14-SEP-2011 18:33
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-30837-F-6-B
Misc Info : 460-30837-F-6-B
Comment   :
Method   : /chem/BNAMS4.i/8270T/09-06-11/14sep11.b/8270C_08SP.m
Meth Date : 14-Sep-2011 16:06 monica Quant Type: ISTD
Cal Date : 06-SEP-2011 18:34 Cal File: u69912.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	15.04000	Weight of sample extracted (g)
M	14.08163	% 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	2.529	2.522	(0.670)	198123	12.8387	5000
$ 17 Phenol-d5 (SUR)	99	3.444	3.467	(0.912)	356512	14.6498	5700
* 79 1,4-Dichlorobenzene-d4	152	3.775	3.781	(1.000)	423279	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.356	4.367	(0.860)	165455	6.70098	2600
* 80 Naphthalene-d8	136	5.067	5.074	(1.000)	1513084	40.0000	
31 Naphthalene	128	5.096	5.096	(1.006)	13537	0.37755	150(a)
32 4-Chloroaniline	127	5.177	5.176	(1.022)	78672	4.67240	1800(a)
34 2-Methylnaphthalene	142	5.793	5.795	(1.143)	114878	3.85496	1500(a)
120 1-Methylnaphthalene	142	5.889	5.892	(1.162)	69239	2.32513	900(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.162	6.168	(0.903)	179449	8.84924	3400
102 Diphenyl	154	6.258	6.265	(0.917)	39516	1.66437	640(a)
125 1,3-Dimethylnaphthalene	156	6.489	6.498	(0.951)	108127	6.94339	2700
* 82 Acenaphthene-d10	164	6.821	6.825	(1.000)	647010	40.0000	

Data File: /chem/BNAMS4.i/8270T/09-06-11/14sep11.b/u70104.d
Report Date: 16-Sep-2011 11:25

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$	18 2,4,6-Tribromophenol (SUR)	330	7.608	7.607	(1.115)	46732	10.3541	4000
*	83 Phenanthrene-d10	188	8.255	8.281	(1.000)	1079833	40.0000	
	52 Phenanthrene	178	8.325	8.303	(1.008)	61946	2.13585	830(a)
$	78 Terphenyl-d14	244	9.841	9.837	(0.901)	167375	5.90797	2300
*	81 Chrysene-d12	240	10.916	10.923	(1.000)	893185	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	10.945	10.951	(1.003)	22412	1.03731	400(a)
*	84 Perylene-d12	264	12.676	12.678	(1.000)	701089	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS4.i/8270T/09-06-11/14sep11.b/u70104.d
Report Date: 16-Sep-2011 11:25

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/09-06-11/14sep11.b/u70104.d
Lab Smp Id: 460-30837-F-6-B Client Smp ID: PMP-24-WT-S (6.5-8.
Inj Date : 14-SEP-2011 18:33
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-30837-F-6-B
Misc Info : 460-30837-F-6-B
Comment   :
Method   : /chem/BNAMS4.i/8270T/09-06-11/14sep11.b/8270C_08SP.m
Meth Date : 14-Sep-2011 16:06 monica Quant Type: ISTD
Cal Date : 06-SEP-2011 18:34 Cal File: u69912.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	15.04000	Weight of sample extracted (g)
M	14.08163	% Moisture

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 80 Naphthalene-d8	5.067	3422372	40.000
* 82 Acenaphthene-d10	6.821	7130564	40.000
* 83 Phenanthrene-d10	8.255	27335824	40.000
* 81 Chrysene-d12	10.916	2341057	40.000

CONCENTRATIONS					QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #

Data File: /chem/BNAMS4.i/8270T/09-06-11/14sep11.b/u70104.d
Report Date: 16-Sep-2011 11:25

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
====	====	==========	==========	====	=======	=========	======
Chloronitrobenzene isomer					CAS #:		
5.452	7528799	87.9950769	34000	0		0	80
Unknown Alkane-1					CAS #:		
7.309	5876241	32.9636781	13000	0		0	82
Dichloro-1,1-biphenyl isomer-1					CAS #:		
7.482	8452816	47.4173710	18000	0		0	82
Unknown Alkane-2					CAS #:		
7.782	10846151	15.8709703	6100	0		0	83
Dichloro-1,1-biphenyl isomer-2					CAS #:		
7.809	4523158	6.61865259	2600	0		0	83
Dichloro-1,1-biphenyl isomer-3					CAS #:		
7.893	18141682	26.5463834	10000	0		0	83
Unknown Alkane-3					CAS #:		
8.220	8476935	12.4041402	4800	0		0	83
Dichloro-1,1-biphenyl isomer-4					CAS #:		
8.311	10466774	15.3158337	5900	0		0	83
Trichloro-1,1-biphenyl isomer-1					CAS #:		
8.408	13524663	19.7903866	7600	0		0	83
Trichloro-1,1-biphenyl isomer-2					CAS #:		
8.561	5955868	8.71510968	3400	0		0	83
Trichloro-1,1-biphenyl isomer-3					CAS #:		
8.644	15737885	23.0289522	8900	0		0	83
Trichloro-1,1-biphenyl isomer-4					CAS #:		
8.672	22367369	32.7297527	13000	0		0	83
Trichloro-1,1-biphenyl isomer-5					CAS #:		
8.734	17227837	25.2091716	9800	0		0	83
Trichloro-1,1-biphenyl isomer-6					CAS #:		
8.797	8860813	12.9658618	5000	0		0	83
Tetrachloro-1,1-biphenyl isomer-1					CAS #:		
8.922	10707880	15.6686409	6100	0		0	83

Data File: /chem/BNAMS4.i/8270T/09-06-11/14sep11.b/u70104.d
Report Date: 16-Sep-2011 11:25

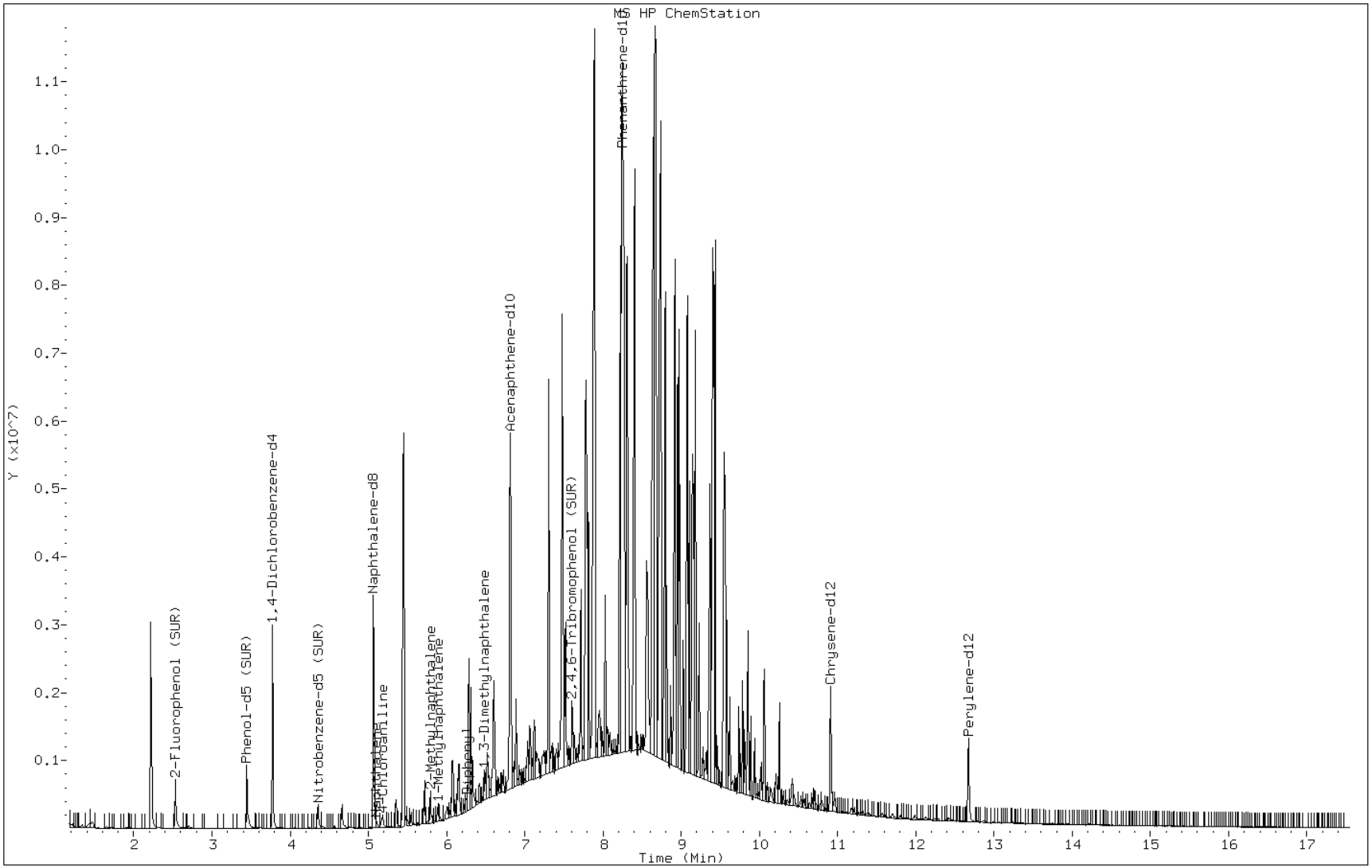
		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Tetrachloro-1,1-biphenyl isomer-2				CAS #:			
8.957	7586341	11.1009501	4300	0		0	83
Unknown				CAS #:			
8.978	6043795	8.84377184	3400	0		0	83
Tetrachloro-1,1-biphenyl isomer-3				CAS #:			
9.082	11007347	16.1068448	6200	0		0	83
Tetrachloro-1,1-biphenyl isomer-4				CAS #:			
9.103	3669639	5.36971438	2100	0		0	83
Trichloro-1,1-biphenyl isomer-7				CAS #:			
9.144	10391648	15.2059036	5900	0		0	83
Tetrachloro-1,1-biphenyl isomer-5				CAS #:			
9.186	6939800	10.1548799	3900	0		0	83
Tetrachloro-1,1-biphenyl isomer-6				CAS #:			
9.367	6113705	8.94606984	3500	0		0	83
Tetrachloro-1,1-biphenyl isomer-7				CAS #:			
9.408	14884459	21.7801498	8400	0		0	83
Tetrachloro-1,1-biphenyl isomer-8				CAS #:			
9.436	8582823	12.5590849	4800	0		0	83
Tetrachloro-1,1-biphenyl isomer-9				CAS #:			
9.555	9149059	13.3876464	5200	0		0	83
Pentachloro-1,1'-biphenyl isomer				CAS #:			
9.583	3380344	57.7575611	22000	0		0	81

Data File: u70104.d

Date: 14-SEP-2011 18:33

Client ID: PMP-24-WT-S (6.5-8. Instrument: BNAMS4.i

Sample Info: 460-30837-F-6-B Operator: BNAMS 4



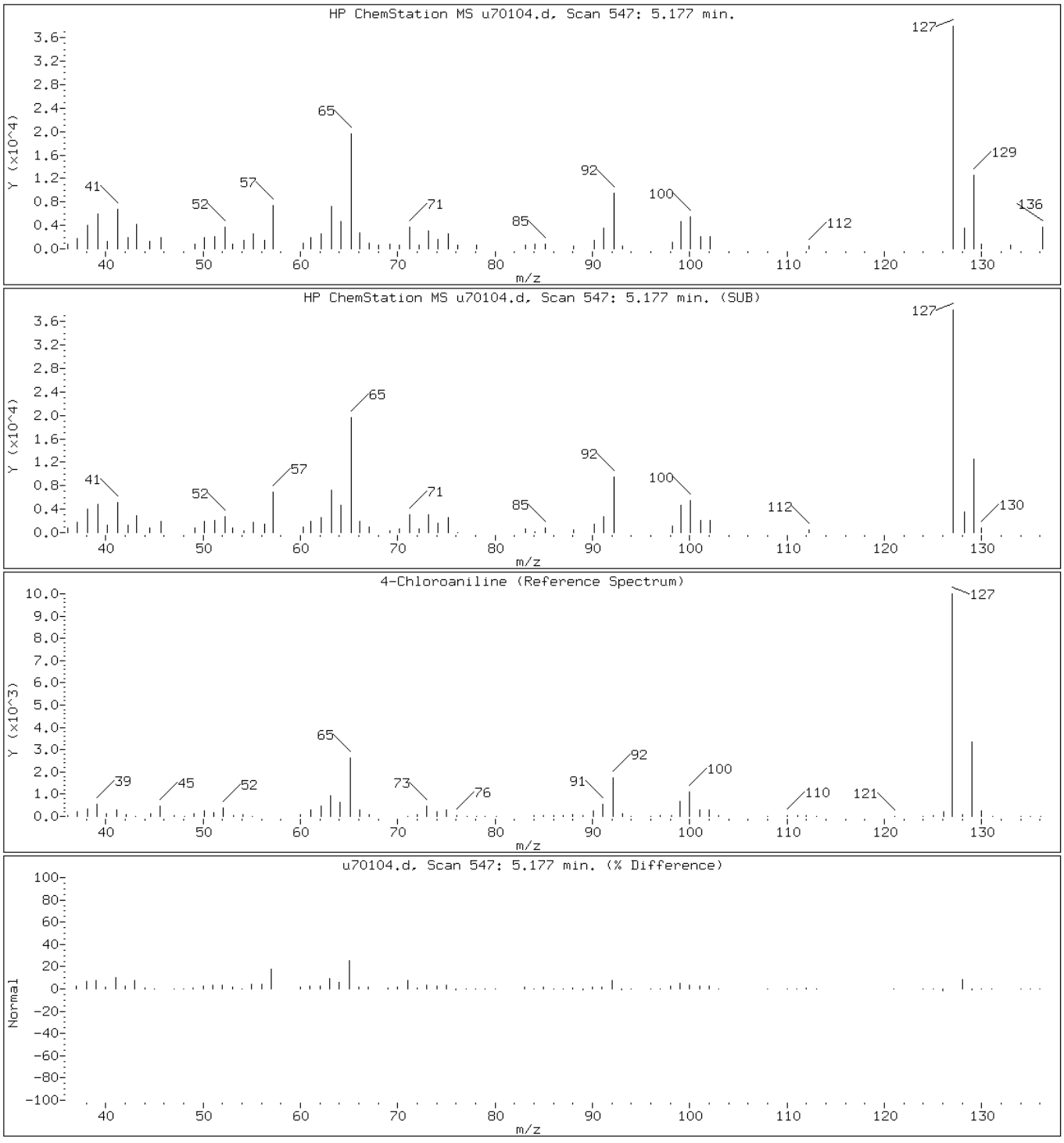
Data File: u70104.d

Date: 14-SEP-2011 18:33

Client ID: PMP-24-WT-S (6.5-8. Instrument: BNAMS4.i

Sample Info: 460-30837-F-6-B Operator: BNAMS 4

32 4-Chloroaniline



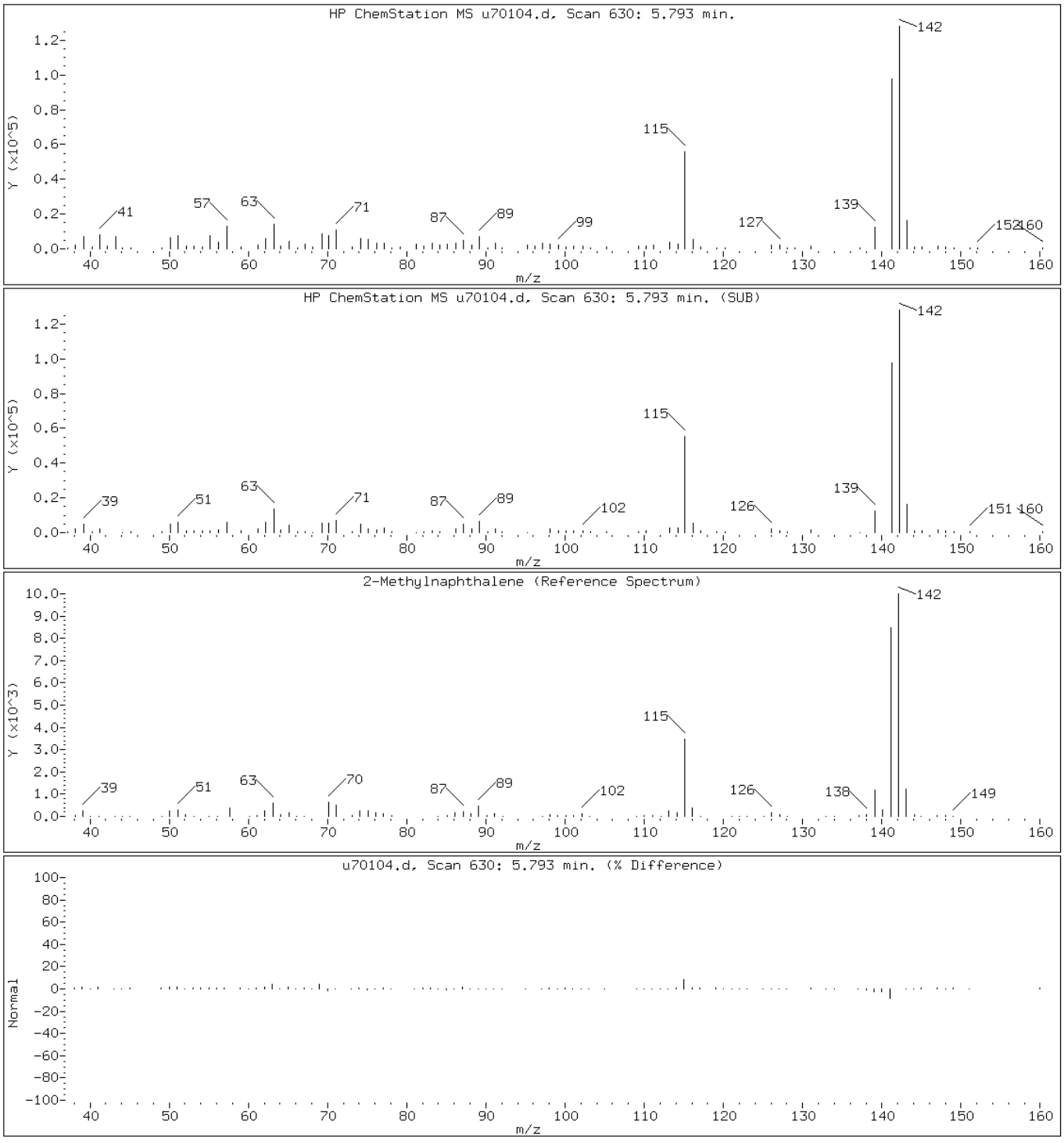
Data File: u70104.d

Date: 14-SEP-2011 18:33

Client ID: PMP-24-WT-S (6.5-8. Instrument: BNAMS4.i

Sample Info: 460-30837-F-6-B Operator: BNAMS 4

34 2-Methylnaphthalene



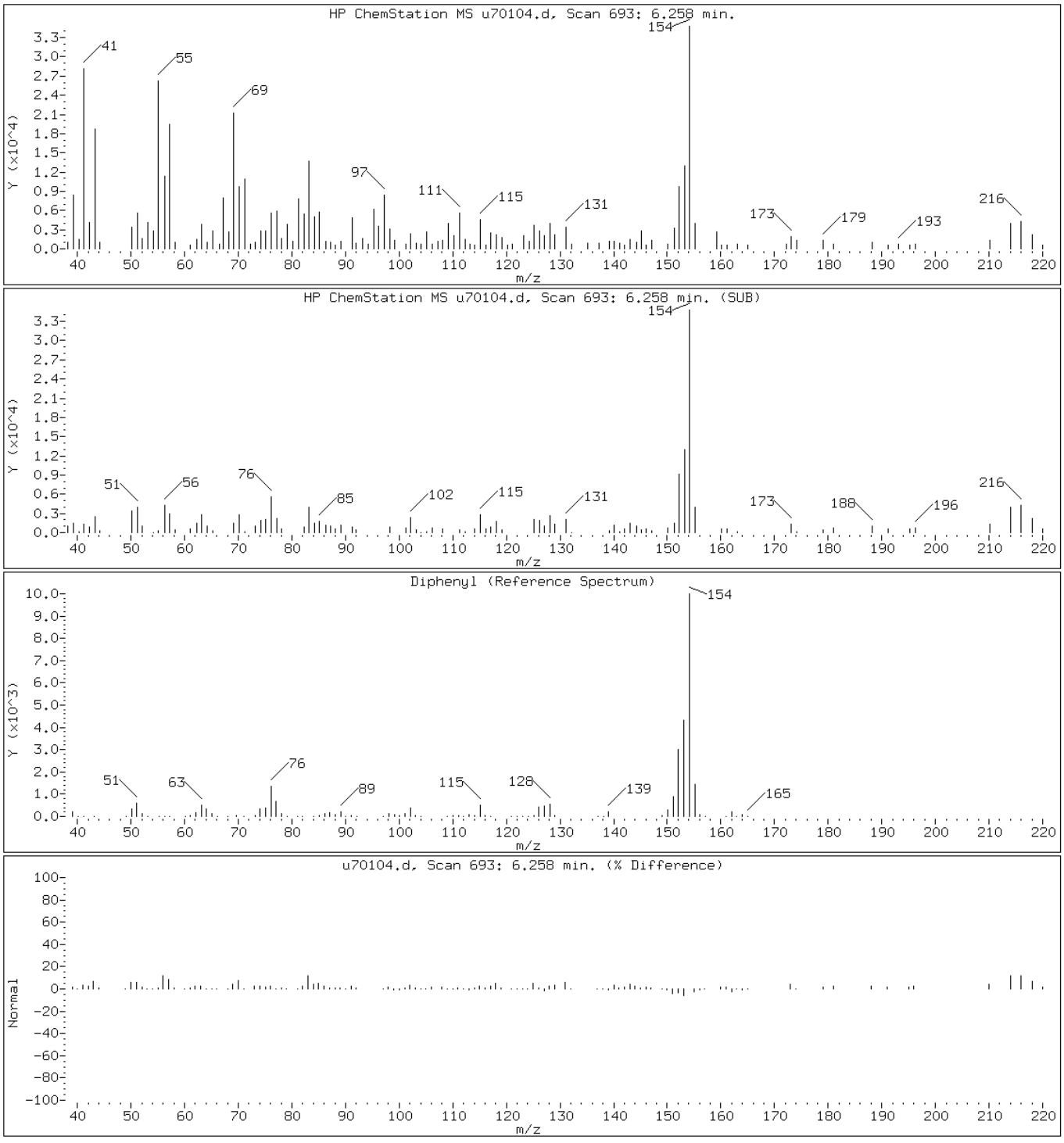
Data File: u70104.d

Date: 14-SEP-2011 18:33

Client ID: PMP-24-WT-S (6.5-8. Instrument: BNAMS4.i

Sample Info: 460-30837-F-6-B Operator: BNAMS 4

102 Diphenyl



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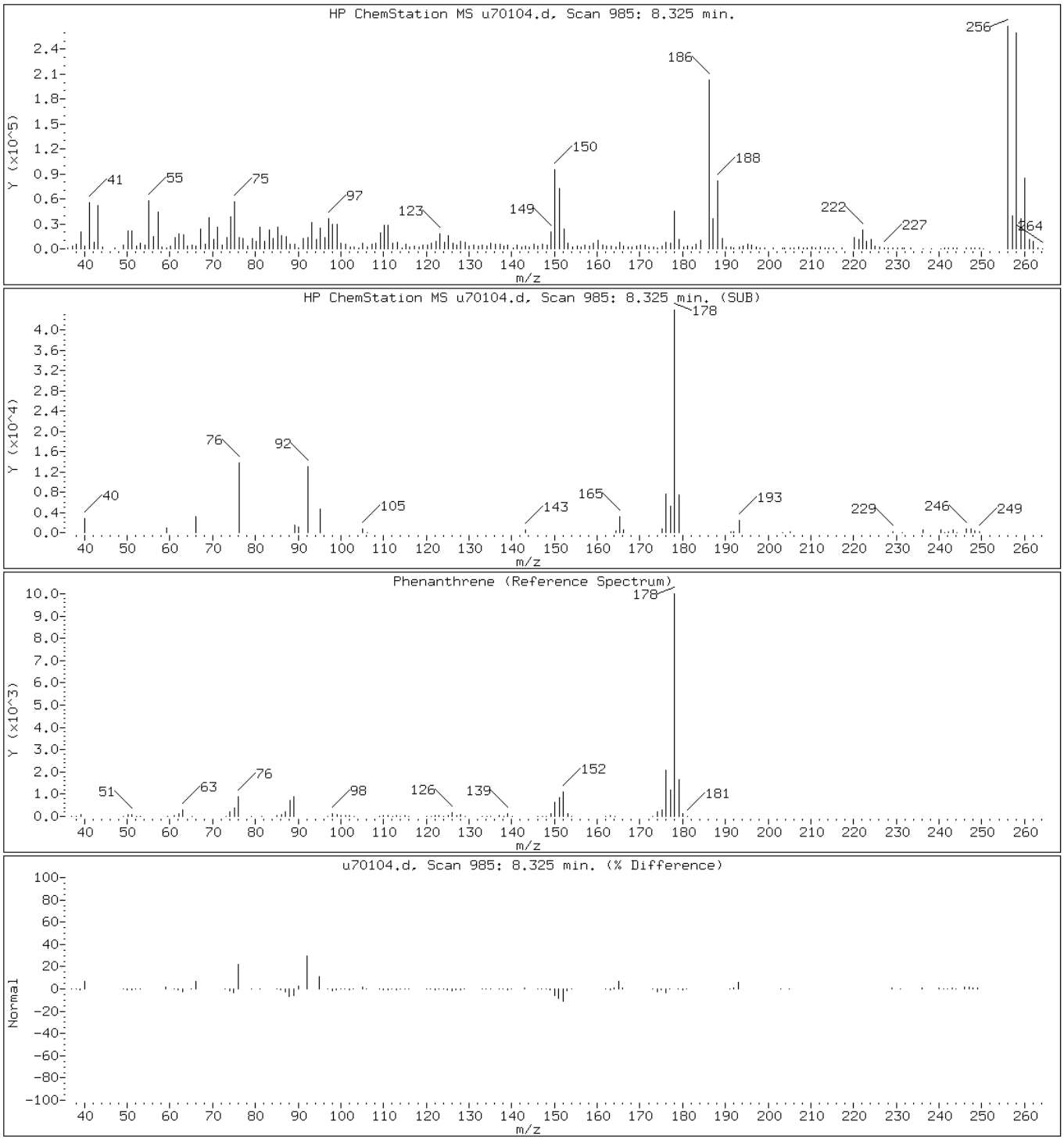
Date: 14-SEP-2011 18:33

Client ID: PMP-24-WT-S (6.5-8. Instrument: BNAMS4.i

Sample Info: 460-30837-F-6-B Operator: BNAMS 4

52 Phenanthrene



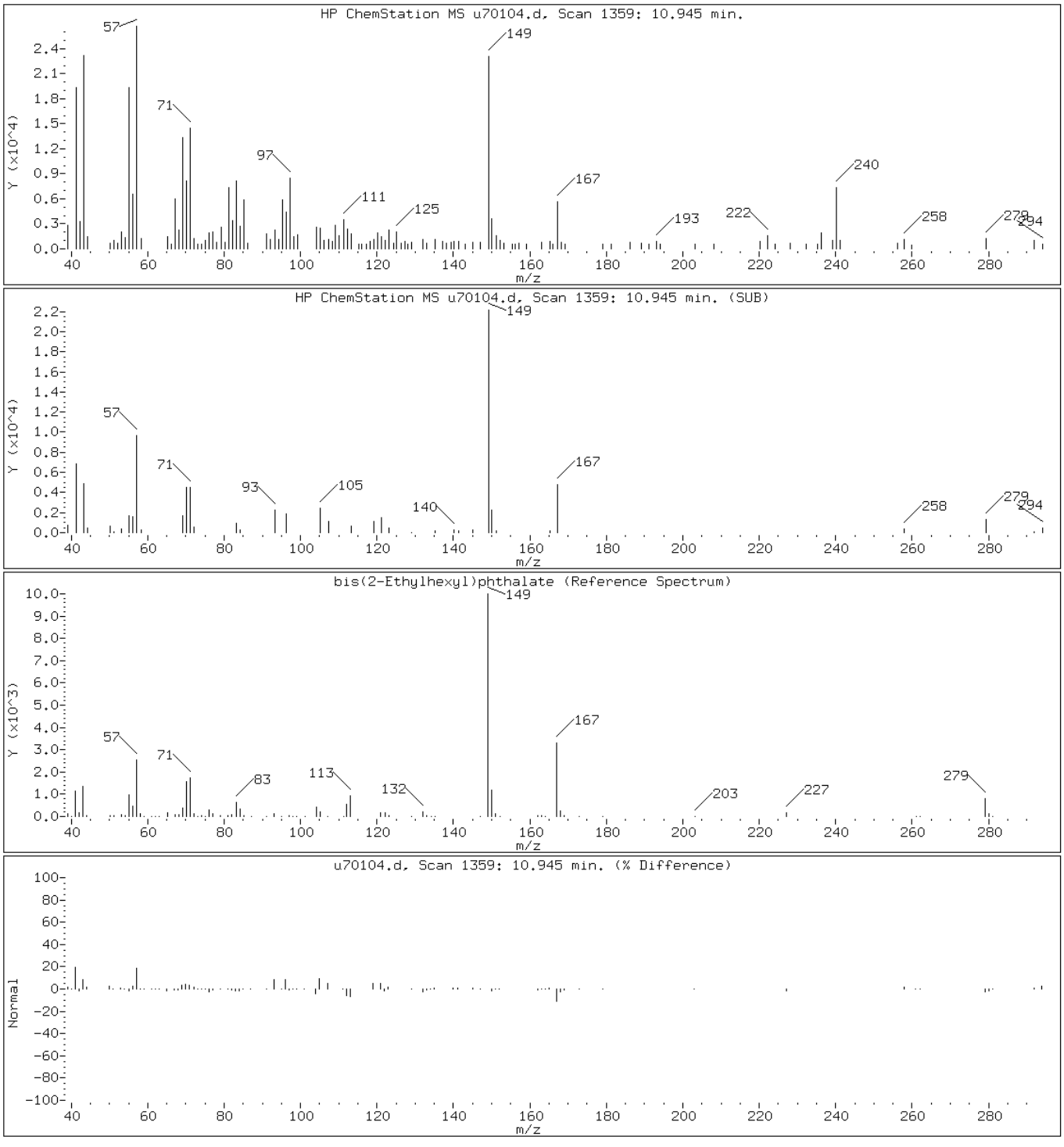
Data File: u70104.d

Date: 14-SEP-2011 18:33

Client ID: PMP-24-WT-S (6.5-8. Instrument: BNAMS4.i

Sample Info: 460-30837-F-6-B Operator: BNAMS 4

63 bis(2-Ethylhexyl)phthalate



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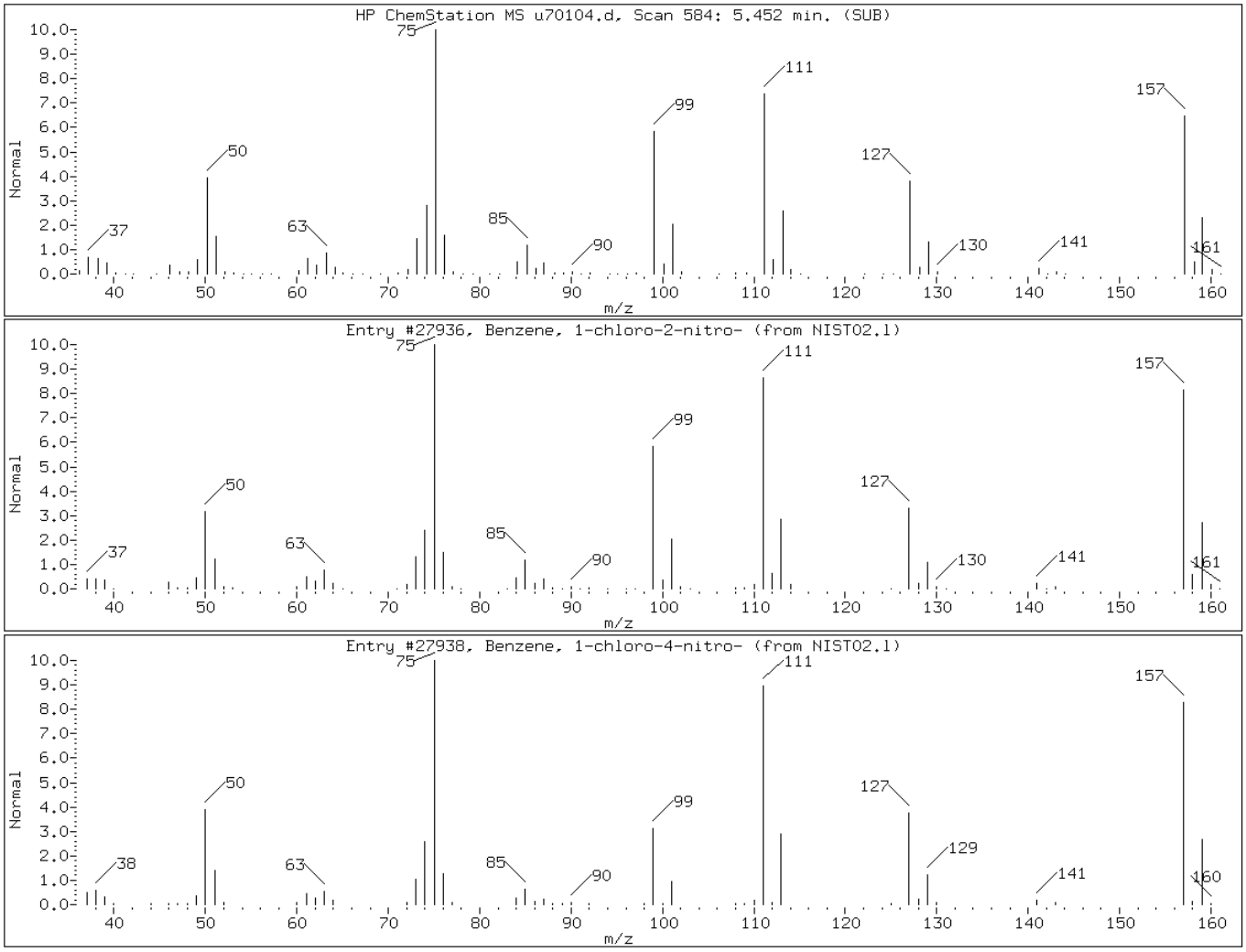
Date: 14-SEP-2011 18:33

Client ID: PMP-24-WT-S (6.5-8. Instrument: BNAMS4.i

Sample Info: 460-30837-F-6-B Operator: BNAMS 4

Retention Time: 5.45

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Chloronitrobenzene isomer						
Benzene, 1-chloro-2-nitro-	88-73-3	NIST02.l	27936	98	C6H4ClNO2	157
Benzene, 1-chloro-4-nitro-	100-00-5	NIST02.l	27938	96	C6H4ClNO2	157



Data File: u70104.d

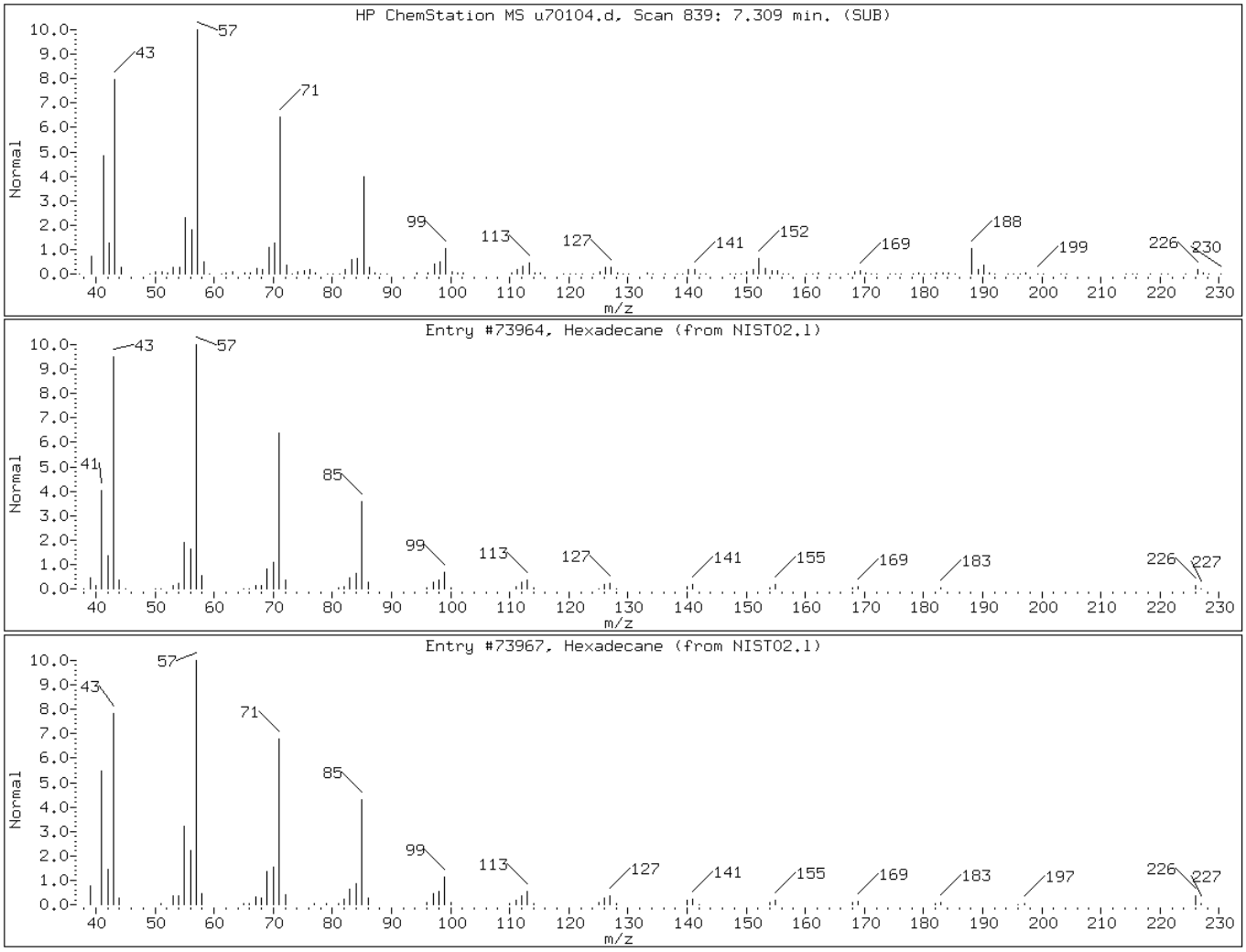
Date: 14-SEP-2011 18:33

Client ID: PMP-24-WT-S (6.5-8. Instrument: BNAMS4.i

Sample Info: 460-30837-F-6-B Operator: BNAMS 4

Retention Time: 7.31

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Hexadecane	544-76-3	NIST02.l	73964	97	C16H34	226
Hexadecane	544-76-3	NIST02.l	73967	97	C16H34	226



Data File: u70104.d

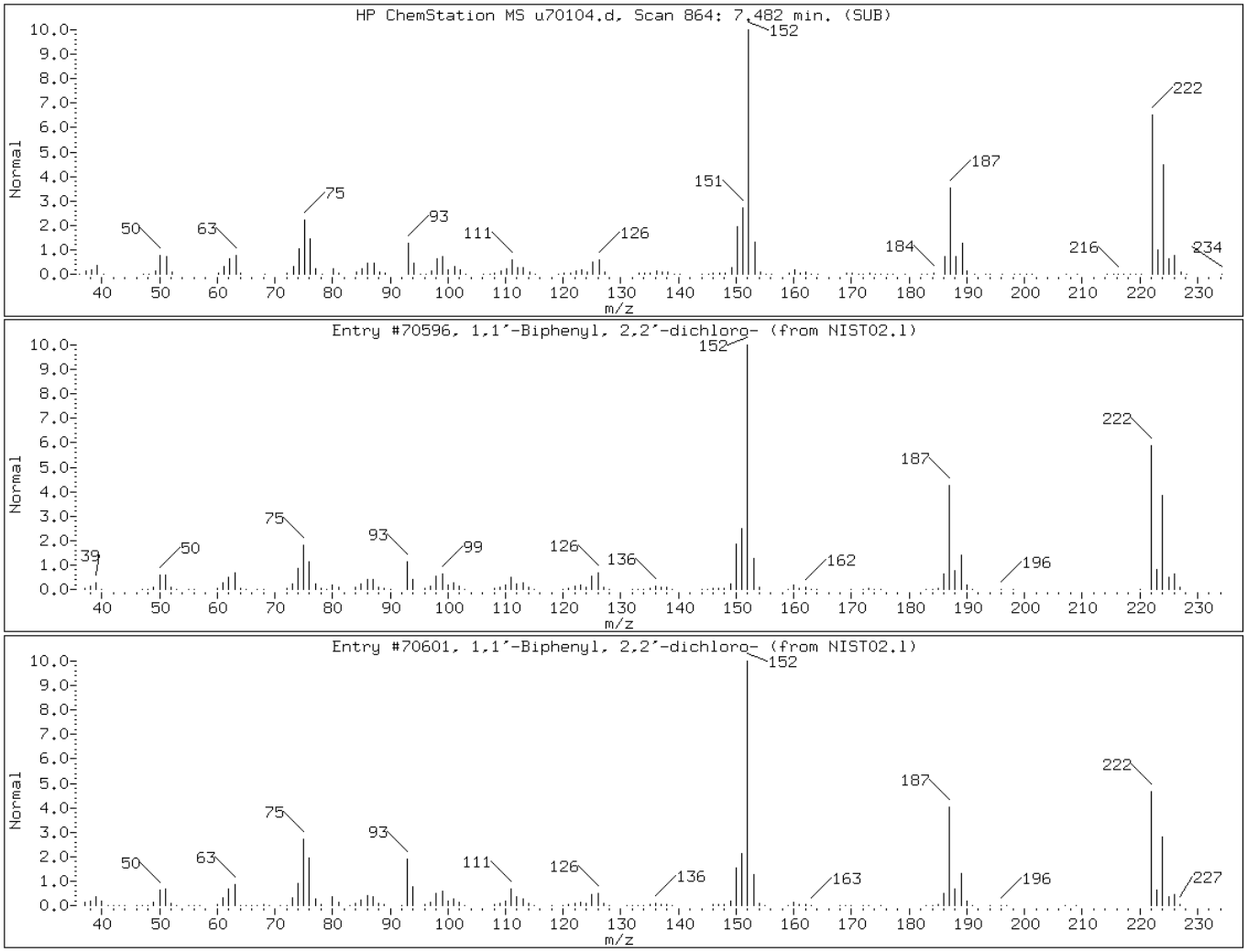
Date: 14-SEP-2011 18:33

Client ID: PMP-24-WT-S (6.5-8. Instrument: BNAMS4.i

Sample Info: 460-30837-F-6-B Operator: BNAMS 4

Retention Time: 7.48

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dichloro-1,1-biphenyl isomer-1						
1,1'-Biphenyl, 2,2'-dichloro-	13029-08-8	NIST02.l	70596	99	C12H8Cl2	222
1,1'-Biphenyl, 2,2'-dichloro-	13029-08-8	NIST02.l	70601	98	C12H8Cl2	222



Data File: u70104.d

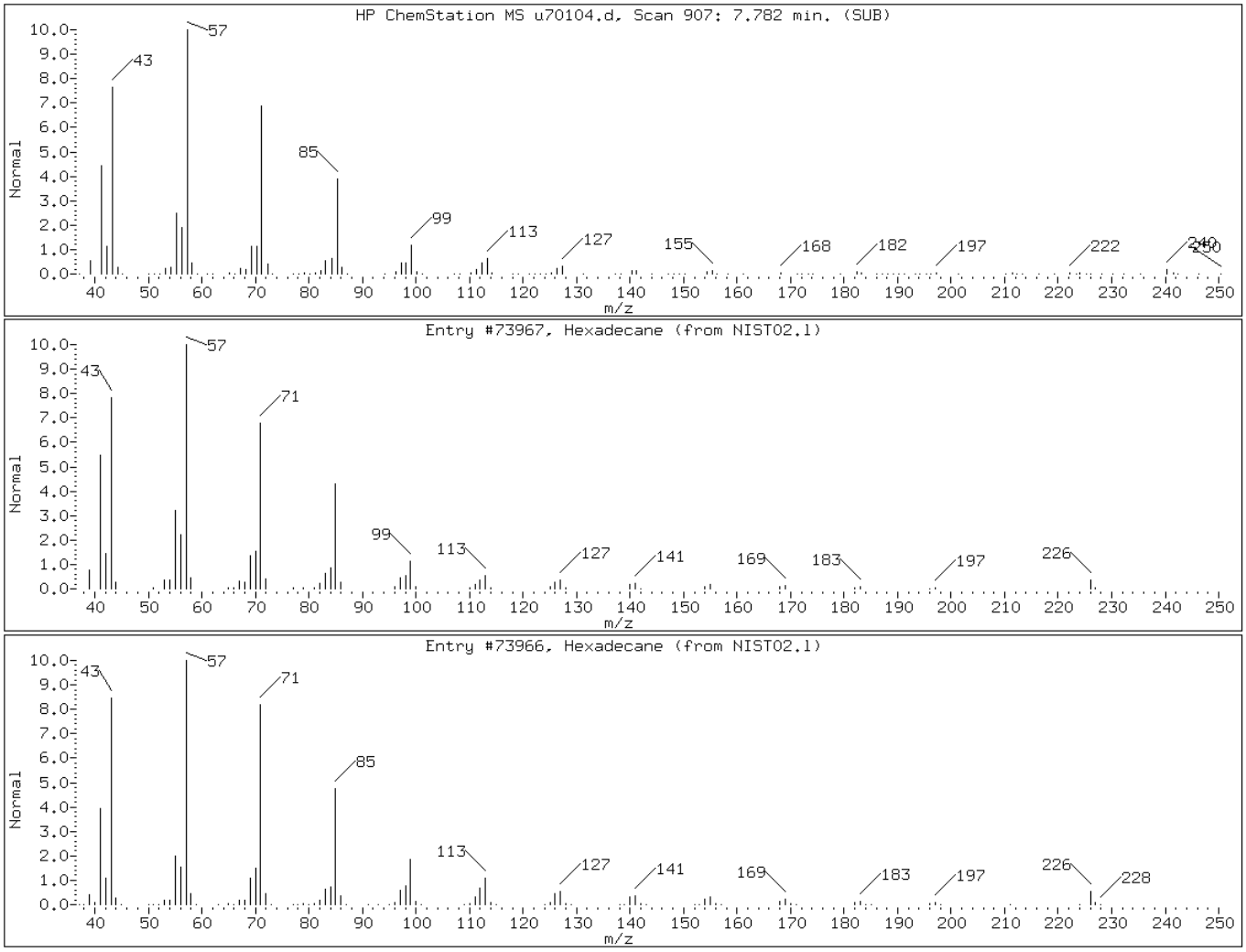
Date: 14-SEP-2011 18:33

Client ID: PMP-24-WT-S (6.5-8. Instrument: BNAMS4.i

Sample Info: 460-30837-F-6-B Operator: BNAMS 4

Retention Time: 7.78

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Hexadecane	544-76-3	NIST02.l	73967	91	C16H34	226
Hexadecane	544-76-3	NIST02.l	73966	91	C16H34	226



Data File: u70104.d

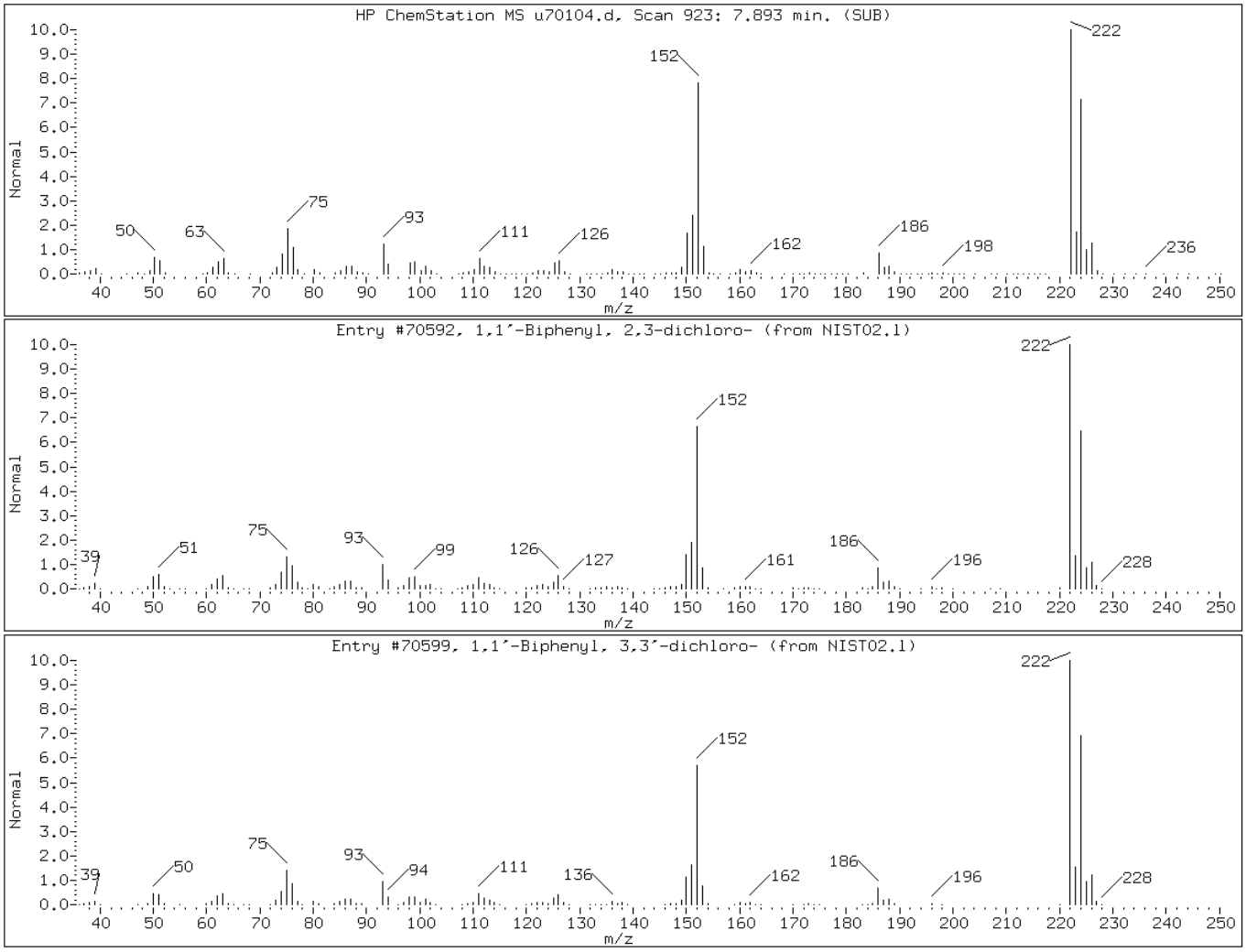
Date: 14-SEP-2011 18:33

Client ID: PMP-24-WT-S (6.5-8. Instrument: BNAMS4.i

Sample Info: 460-30837-F-6-B Operator: BNAMS 4

Retention Time: 7.89

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, 3,3'-dichloro-	2050-67-1	NIST02.l	70599	99	C12H8Cl2	222



Data File: u70104.d

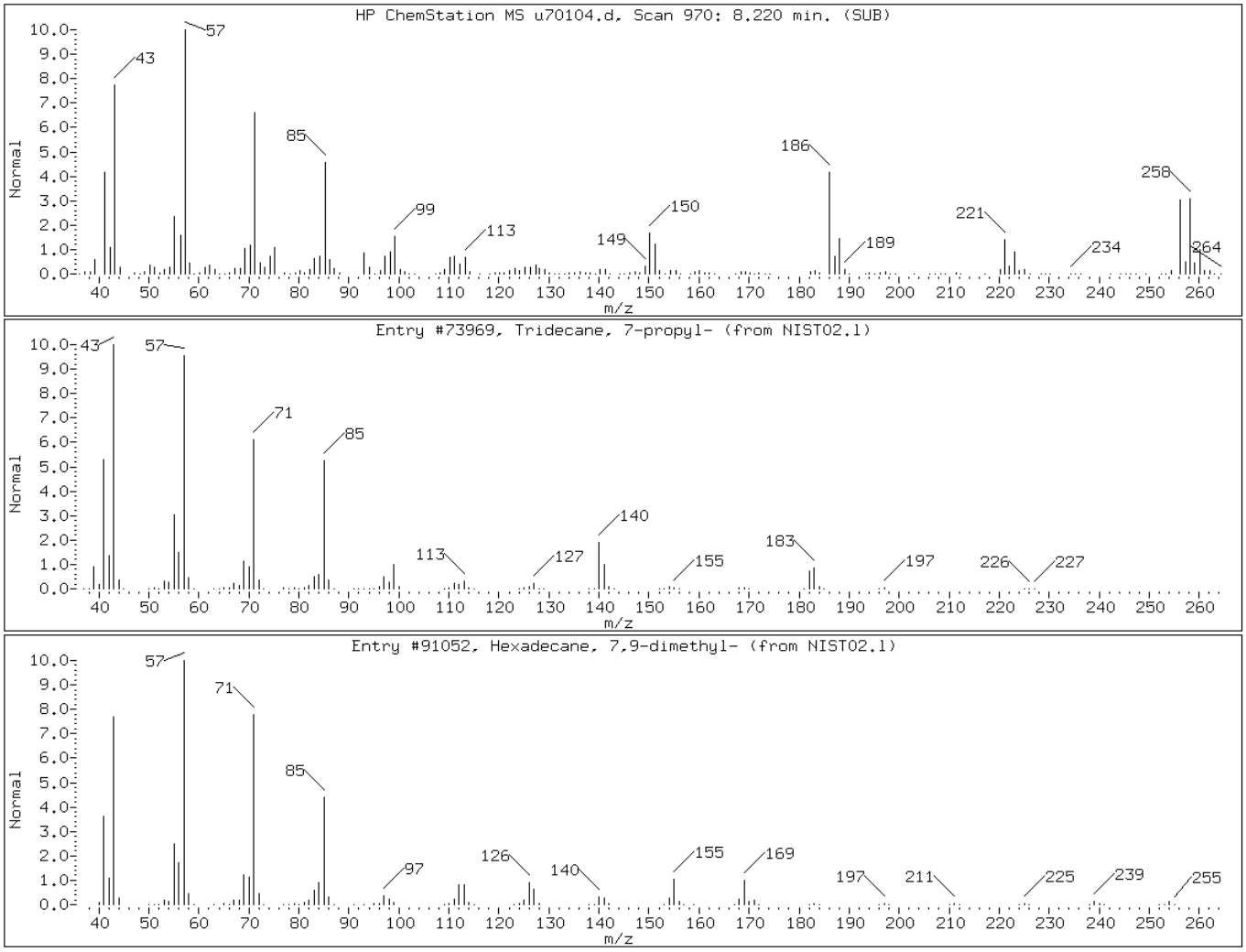
Date: 14-SEP-2011 18:33

Client ID: PMP-24-WT-S (6.5-8. Instrument: BNAMS4.i

Sample Info: 460-30837-F-6-B Operator: BNAMS 4

Retention Time: 8.22

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Tridecane, 7-propyl-	55045-09-5	NIST02.l	73969	55	C16H34	226
Hexadecane, 7,9-dimethyl-	21164-95-4	NIST02.l	91052	51	C18H38	254



Data File: u70104.d

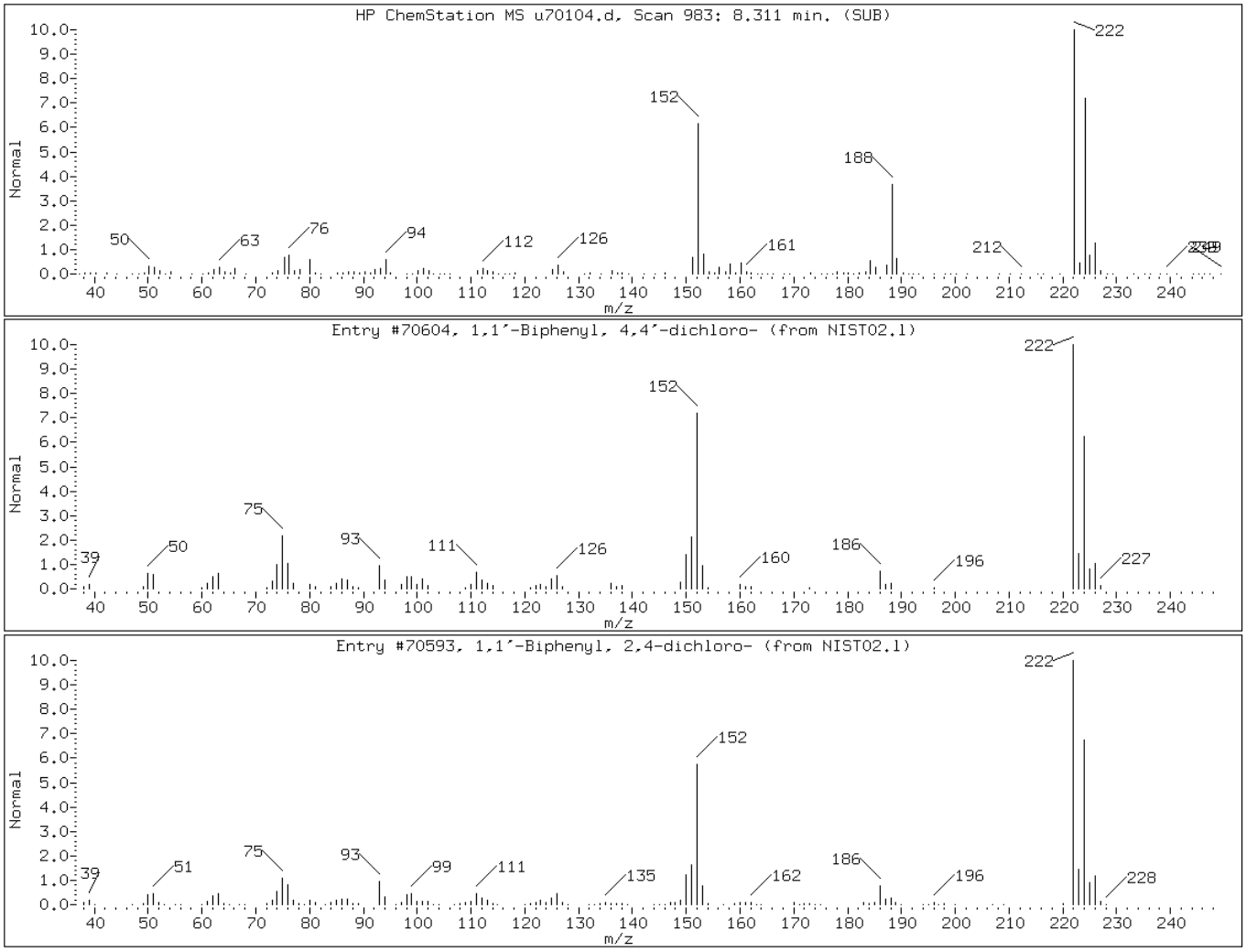
Date: 14-SEP-2011 18:33

Client ID: PMP-24-WT-S (6.5-8. Instrument: BNAMS4.i

Sample Info: 460-30837-F-6-B Operator: BNAMS 4

Retention Time: 8.31

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	70604	81	C12H8Cl2	222
1,1'-Biphenyl, 2,4-dichloro-	33284-50-3	NIST02.l	70593	81	C12H8Cl2	222



Data File: u70104.d

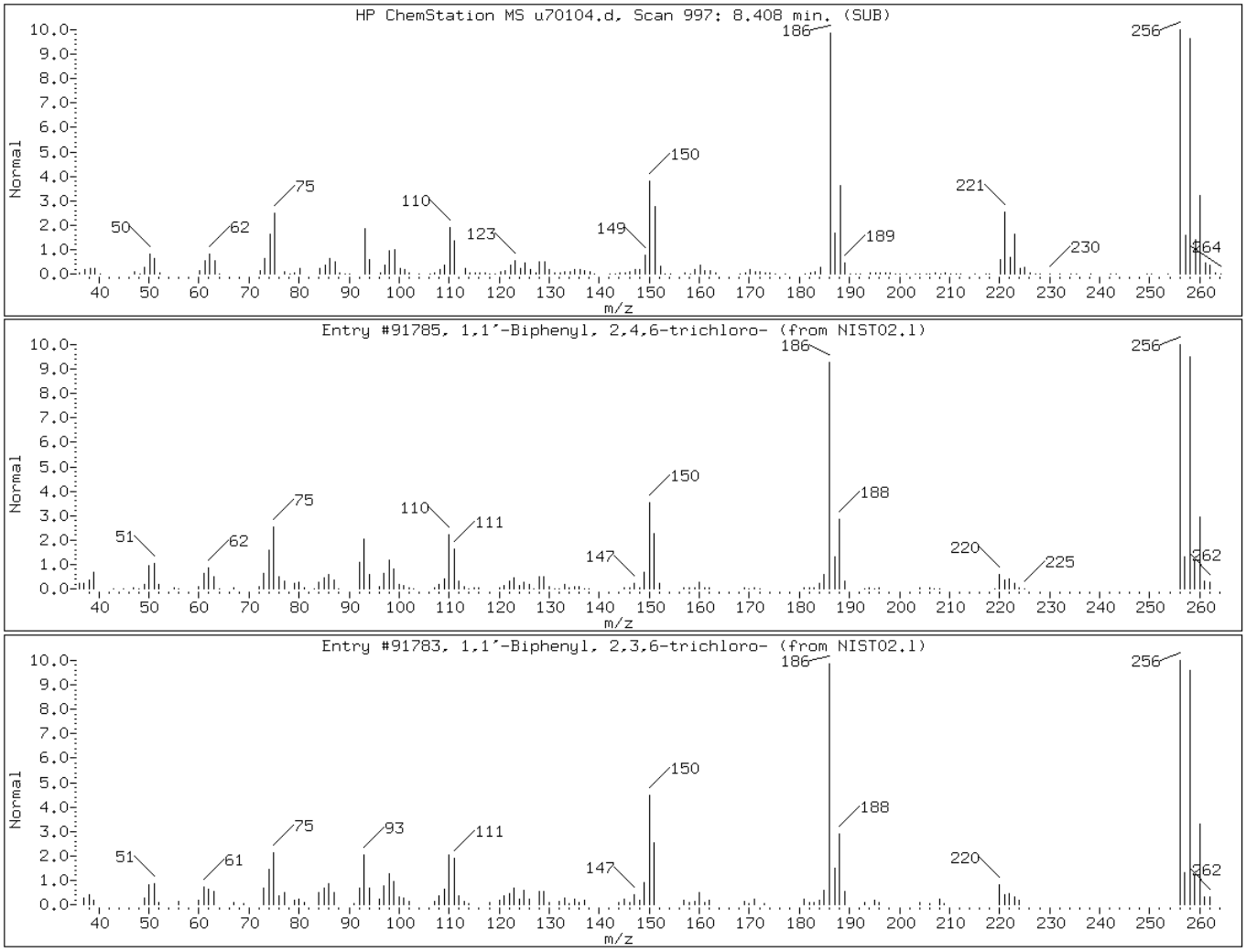
Date: 14-SEP-2011 18:33

Client ID: PMP-24-WT-S (6.5-8. Instrument: BNAMS4.i

Sample Info: 460-30837-F-6-B Operator: BNAMS 4

Retention Time: 8.41

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-1						
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: u70104.d

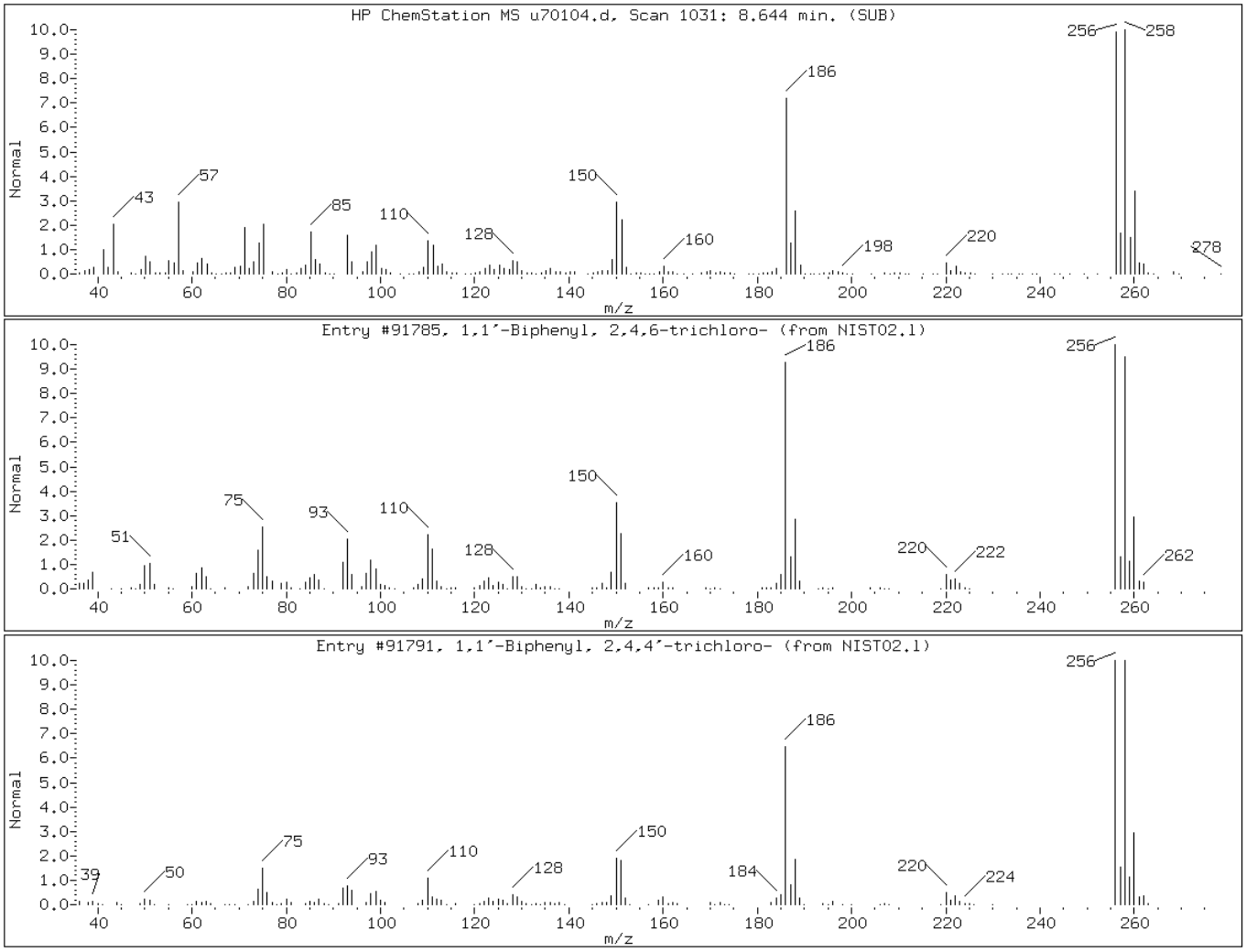
Date: 14-SEP-2011 18:33

Client ID: PMP-24-WT-S (6.5-8. Instrument: BNAMS4.i

Sample Info: 460-30837-F-6-B Operator: BNAMS 4

Retention Time: 8.64

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, 2,4,4'-trichloro-	7012-37-5	NIST02.l	91791	99	C12H7Cl3	256



Data File: u70104.d

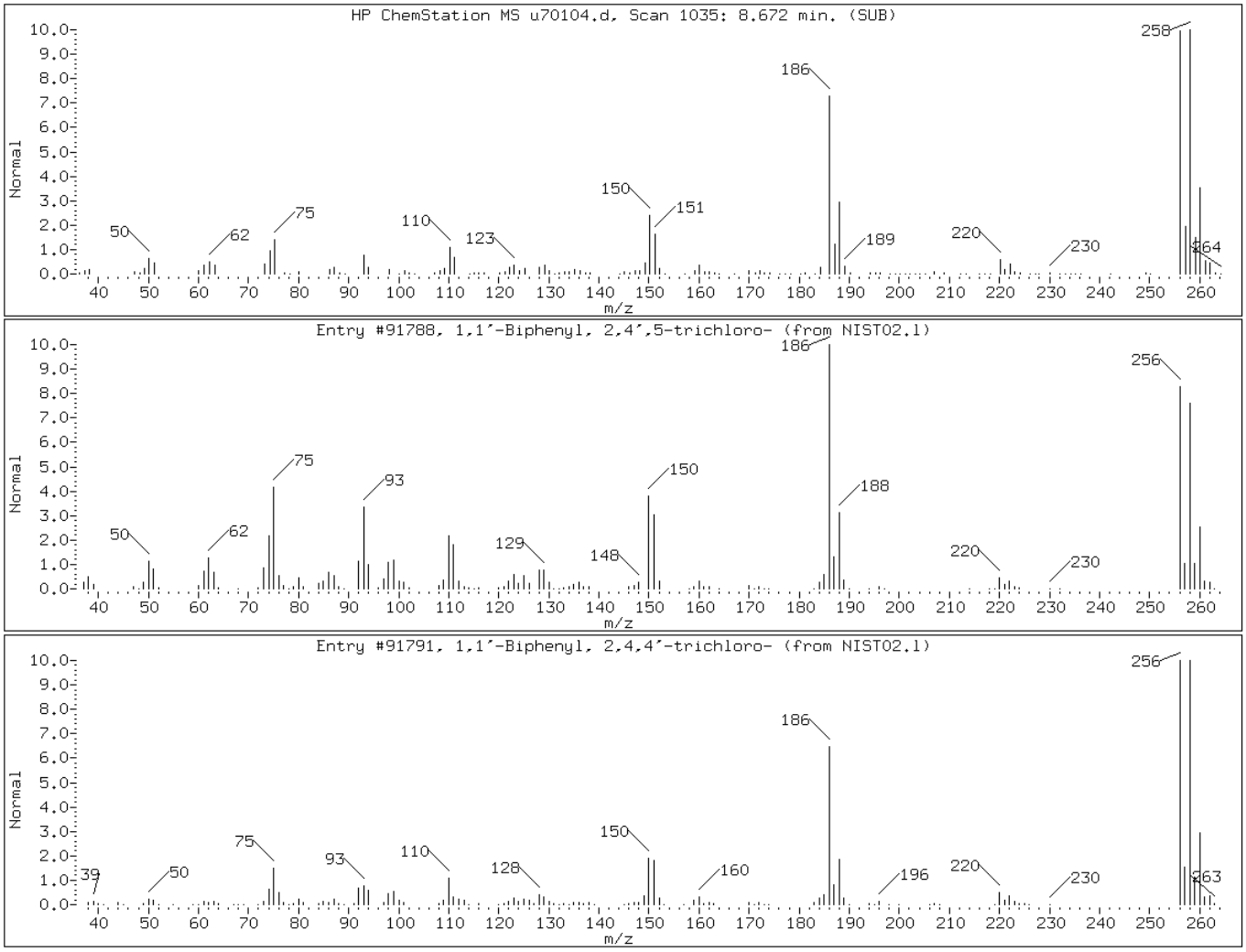
Date: 14-SEP-2011 18:33

Client ID: PMP-24-WT-S (6.5-8. Instrument: BNAMS4.i

Sample Info: 460-30837-F-6-B Operator: BNAMS 4

Retention Time: 8.67

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	96	C12H7Cl3	256
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.l	91791	96	C12H7Cl3	256



Data File: u70104.d

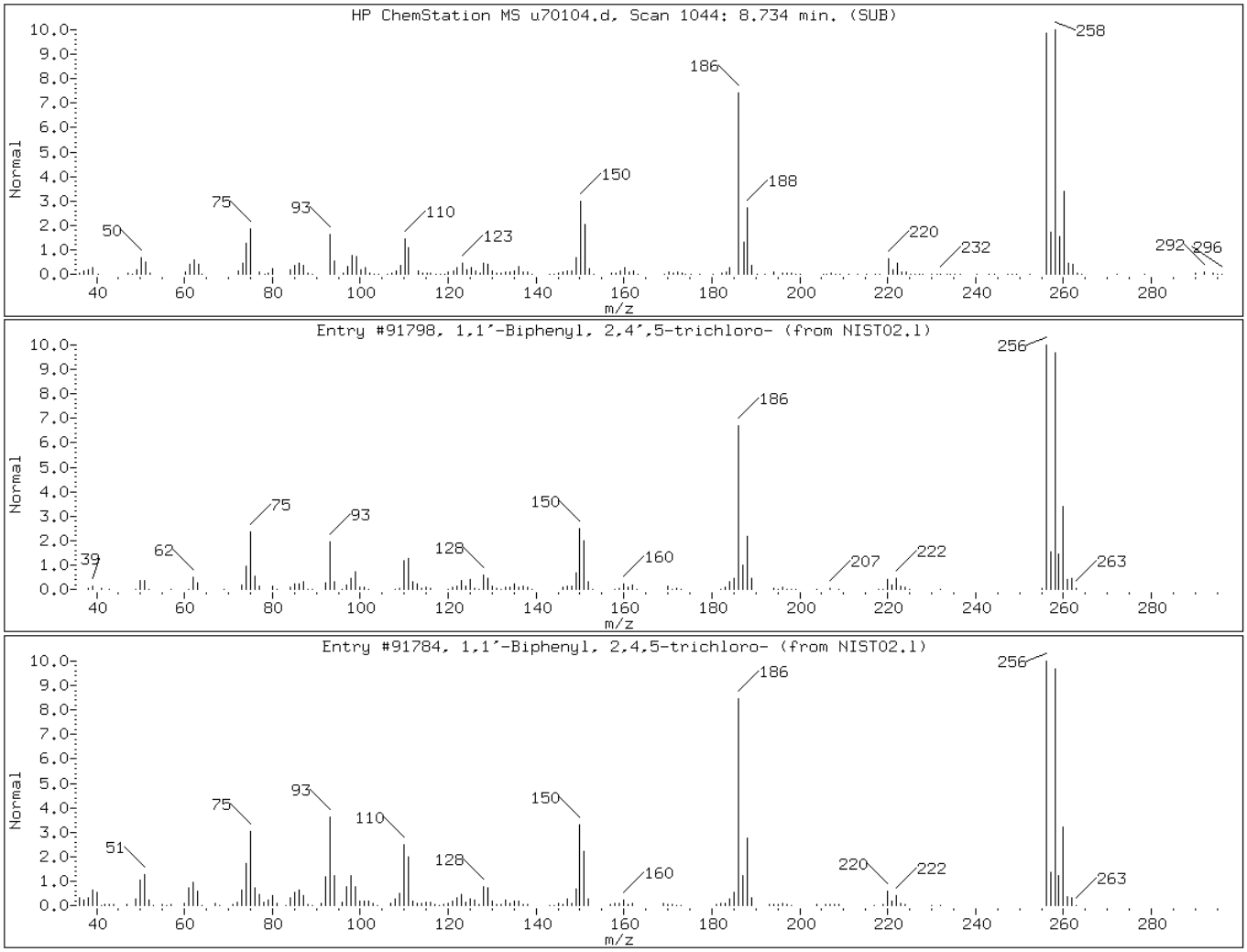
Date: 14-SEP-2011 18:33

Client ID: PMP-24-WT-S (6.5-8. Instrument: BNAMS4.i

Sample Info: 460-30837-F-6-B Operator: BNAMS 4

Retention Time: 8.73

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, 2,4,5-trichloro-	15862-07-4	NIST02.l	91784	99	C12H7Cl3	256



Data File: u70104.d

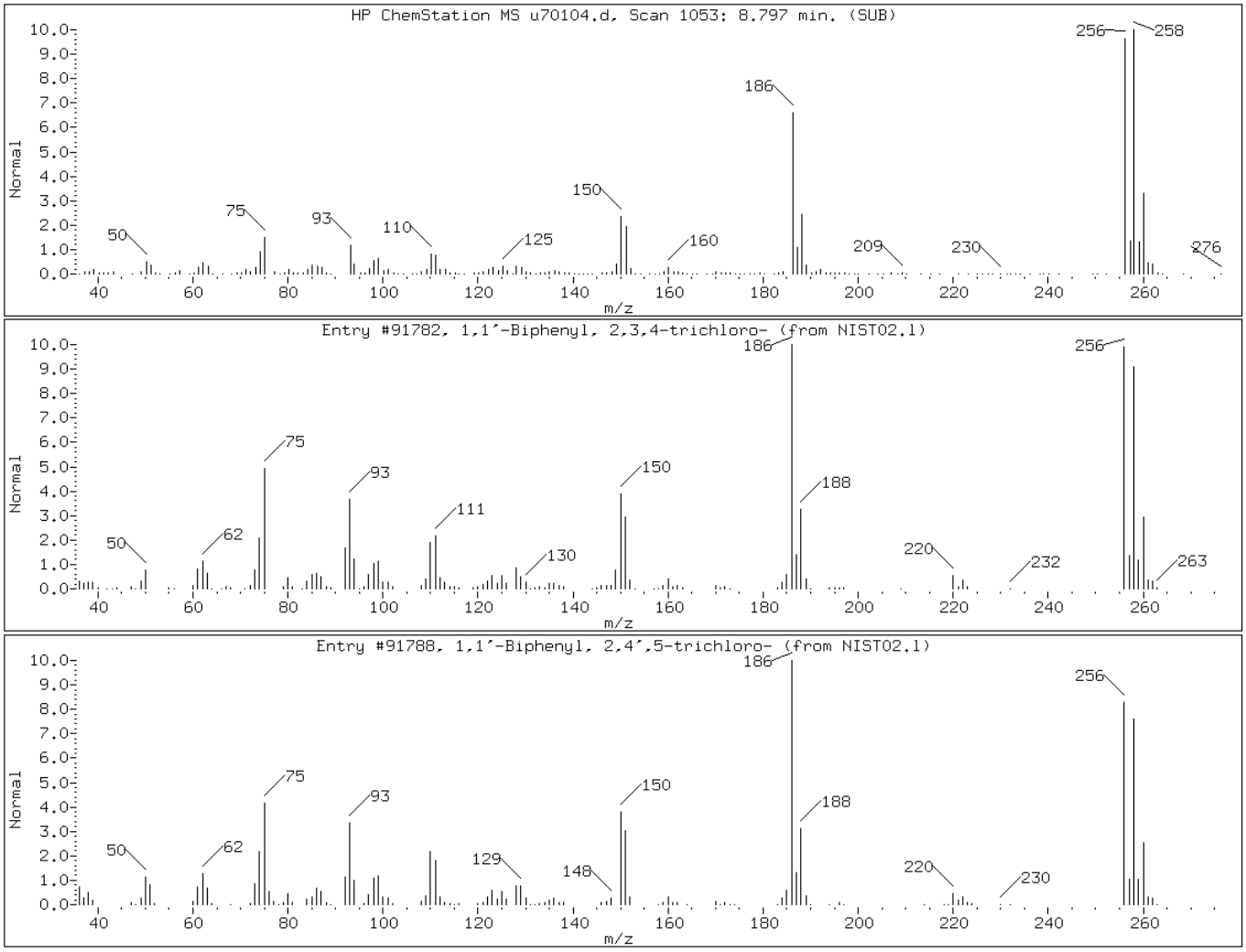
Date: 14-SEP-2011 18:33

Client ID: PMP-24-WT-S (6.5-8. Instrument: BNAMS4.i

Sample Info: 460-30837-F-6-B Operator: BNAMS 4

Retention Time: 8.80

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-6						
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: u70104.d

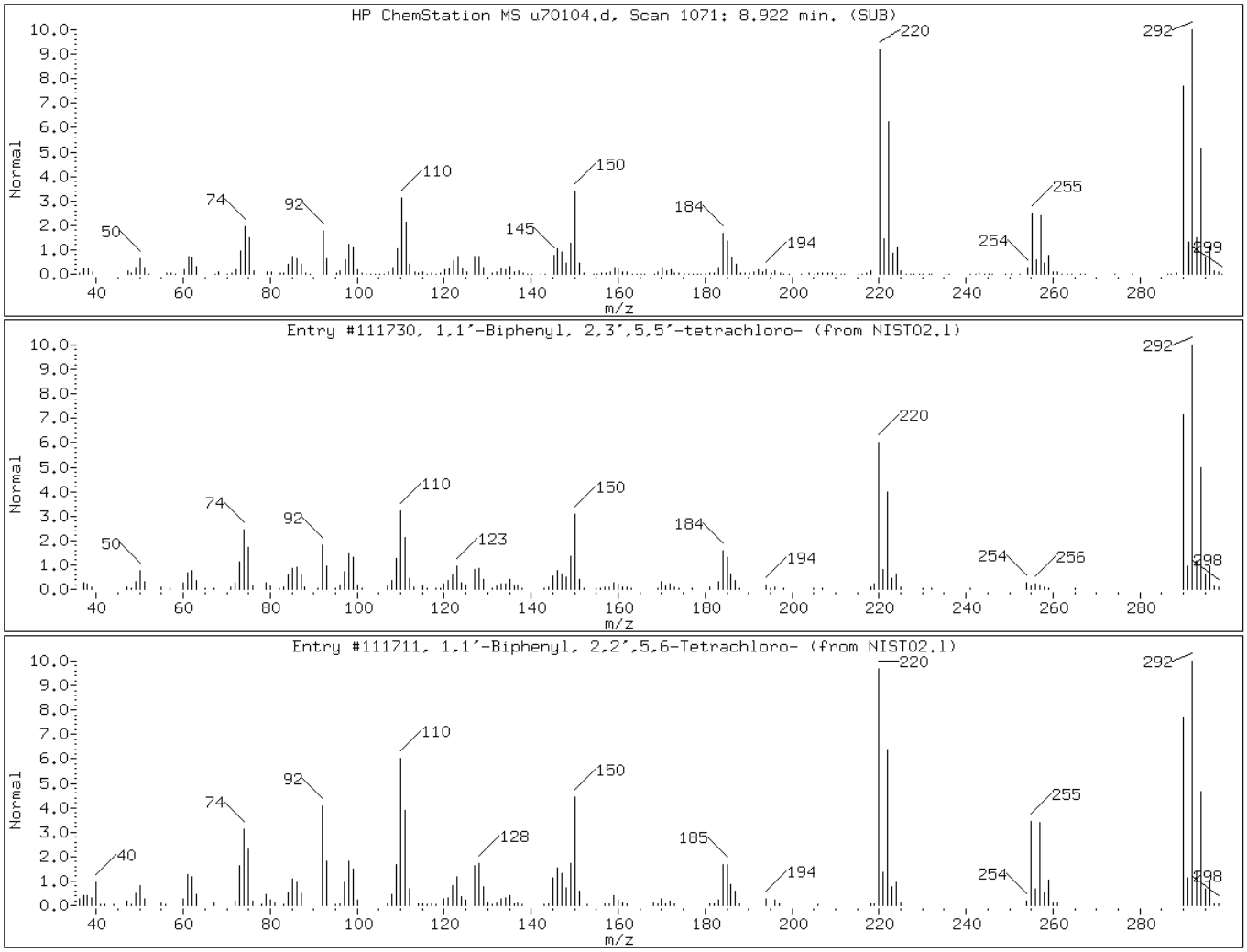
Date: 14-SEP-2011 18:33

Client ID: PMP-24-WT-S (6.5-8. Instrument: BNAMS4.i

Sample Info: 460-30837-F-6-B Operator: BNAMS 4

Retention Time: 8.92

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-1						
1,1'-Biphenyl, 2,3',5,5'-tetrachlo	41464-42-0	NIST02.l	111730	99	C12H6Cl4	290
1,1'-Biphenyl, 2,2',5,6-Tetrachlor	41464-41-9	NIST02.l	111711	98	C12H6Cl4	290



Data File: u70104.d

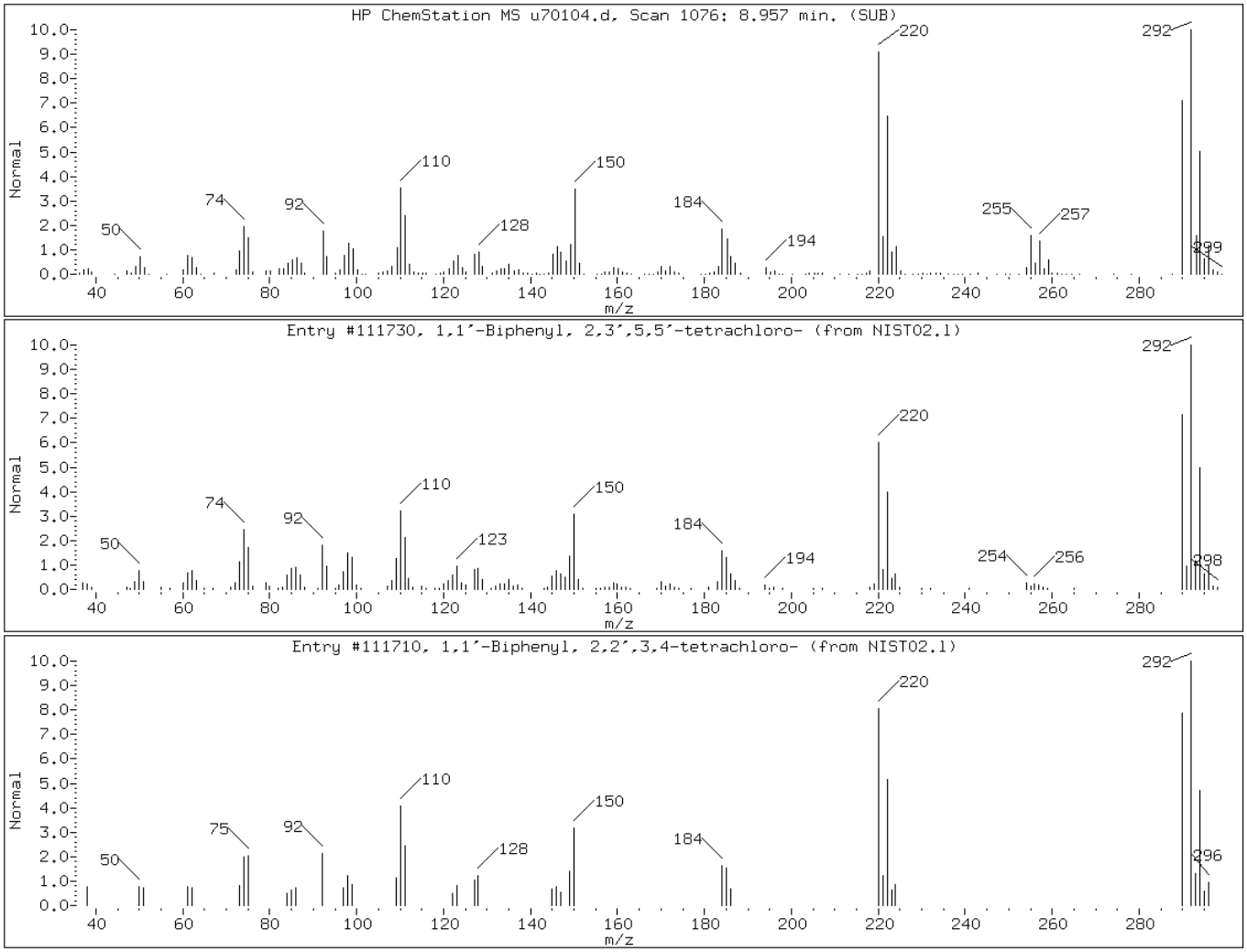
Date: 14-SEP-2011 18:33

Client ID: PMP-24-WT-S (6.5-8. Instrument: BNAMS4.i

Sample Info: 460-30837-F-6-B Operator: BNAMS 4

Retention Time: 8.96

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-2						
1,1'-Biphenyl, 2,3',5,5'-tetrachlo	41464-42-0	NIST02.l	111730	99	C12H6Cl4	290
1,1'-Biphenyl, 2,2',3,4-tetrachlor	52663-59-9	NIST02.l	111710	99	C12H6Cl4	290



Data File: u70104.d

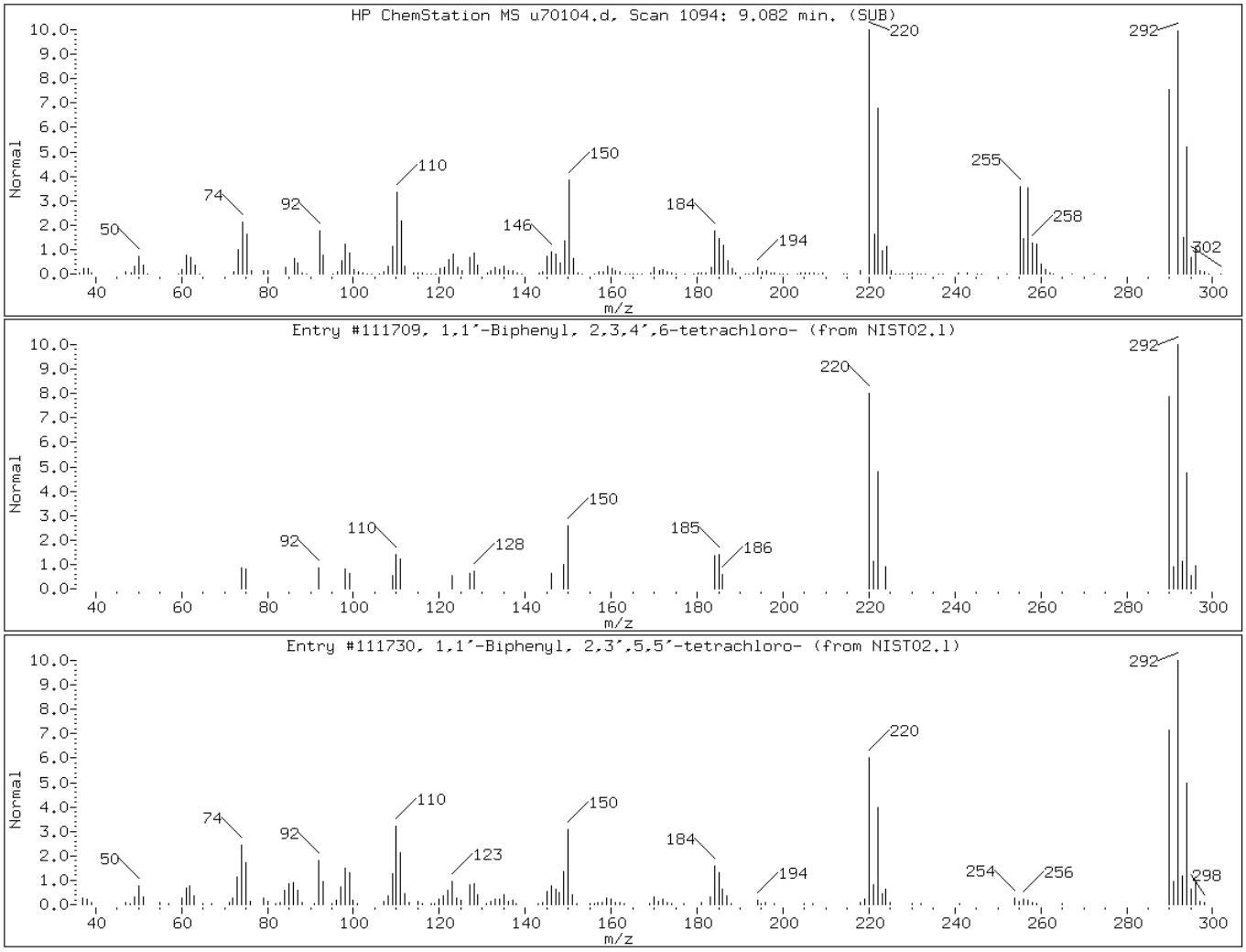
Date: 14-SEP-2011 18:33

Client ID: PMP-24-WT-S (6.5-8. Instrument: BNAMS4.i

Sample Info: 460-30837-F-6-B Operator: BNAMS 4

Retention Time: 9.08

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-3						
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	111730	99	C12H6Cl4	290



Data File: u70104.d

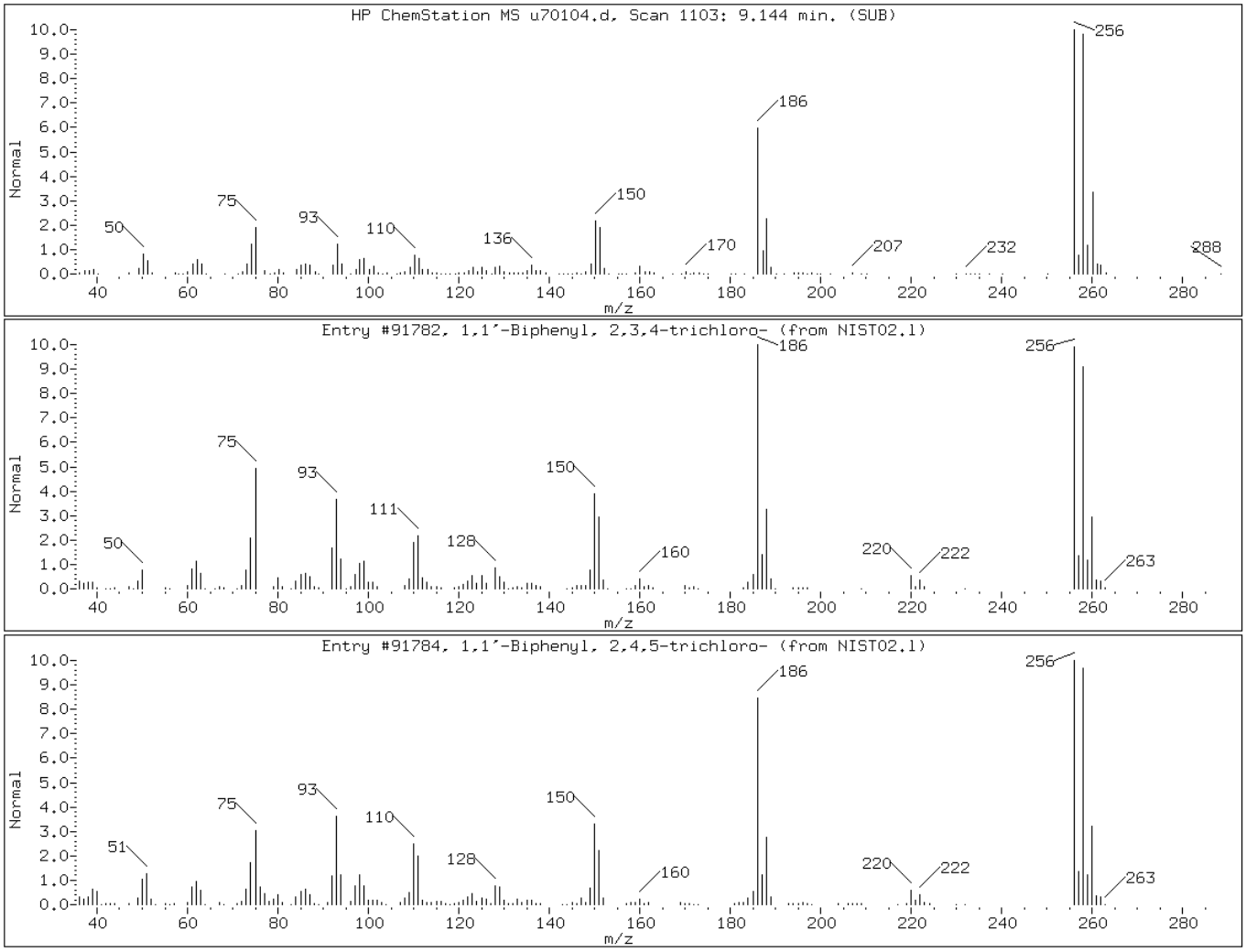
Date: 14-SEP-2011 18:33

Client ID: PMP-24-WT-S (6.5-8. Instrument: BNAMS4.i

Sample Info: 460-30837-F-6-B Operator: BNAMS 4

Retention Time: 9.14

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-7						
1,1'-Biphenyl, 2,3,4-trichloro-	55702-46-0	NIST02.l	91782	95	C12H7Cl3	256
1,1'-Biphenyl, 2,4,5-trichloro-	15862-07-4	NIST02.l	91784	94	C12H7Cl3	256



Data File: u70104.d

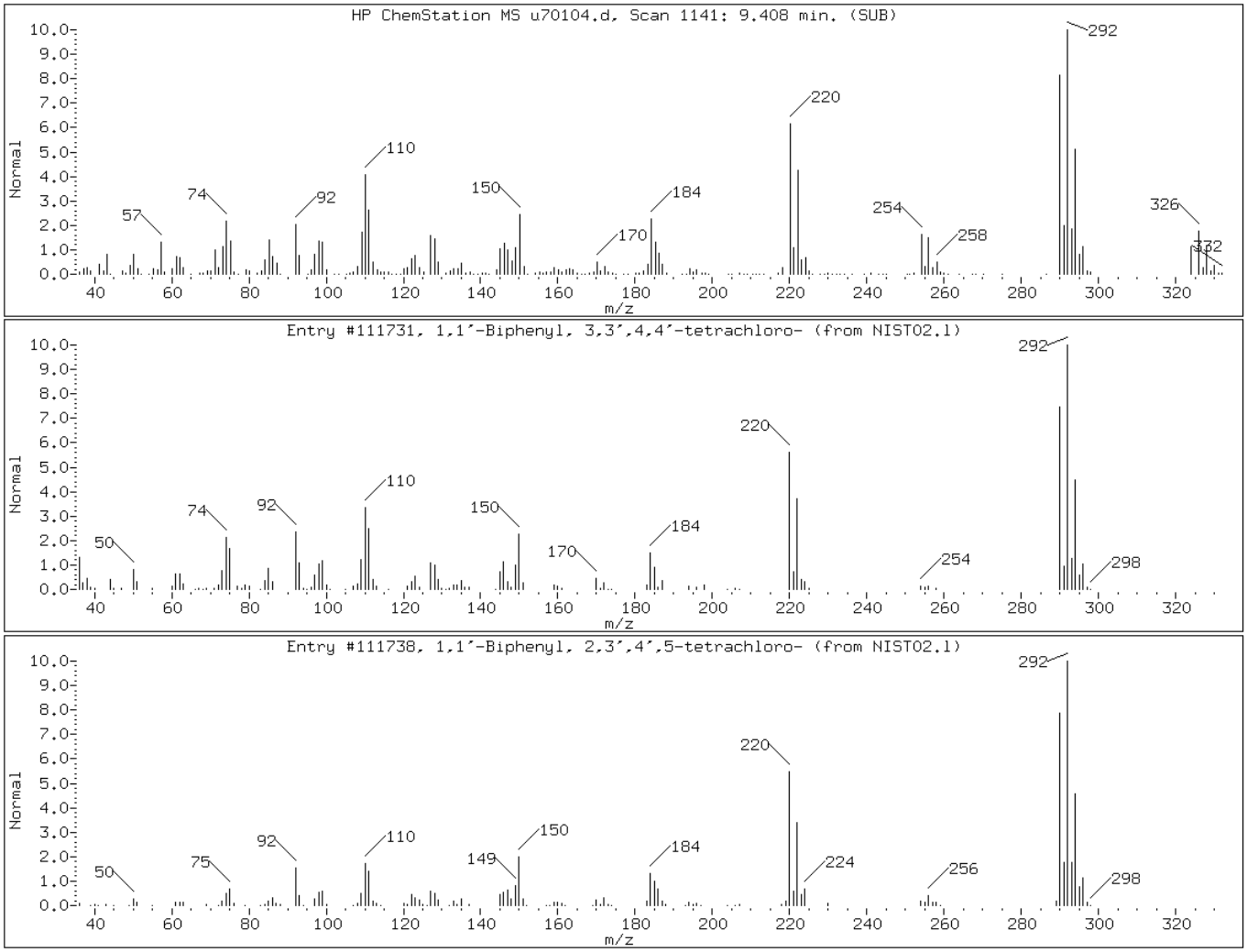
Date: 14-SEP-2011 18:33

Client ID: PMP-24-WT-S (6.5-8. Instrument: BNAMS4.i

Sample Info: 460-30837-F-6-B Operator: BNAMS 4

Retention Time: 9.41

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-7						
1,1'-Biphenyl, 3,3',4,4'-tetrachlo	32598-13-3	NIST02.l	111731	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3',4',5-tetrachlo	32598-11-1	NIST02.l	111738	99	C12H6Cl4	290



Data File: u70104.d

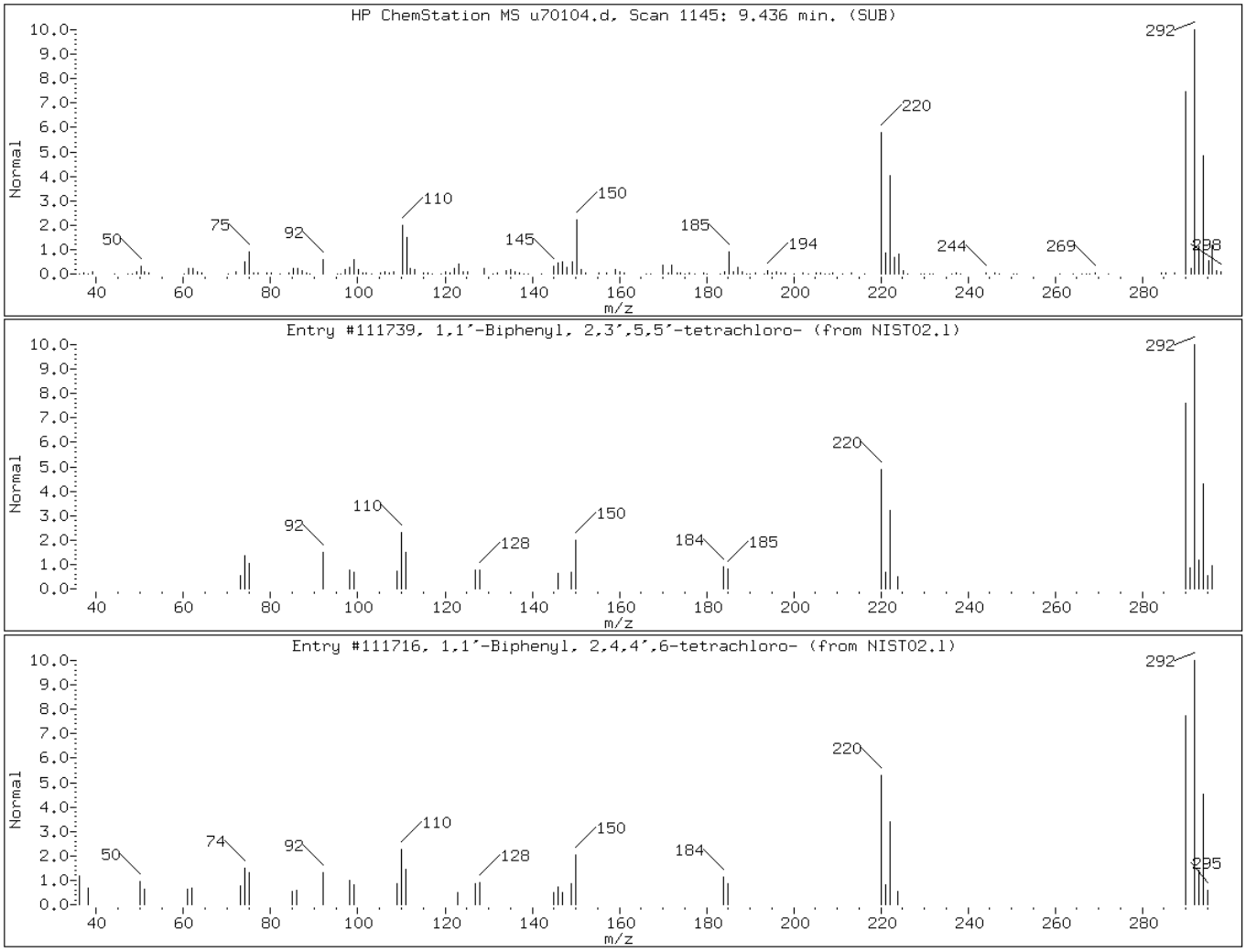
Date: 14-SEP-2011 18:33

Client ID: PMP-24-WT-S (6.5-8. Instrument: BNAMS4.i

Sample Info: 460-30837-F-6-B Operator: BNAMS 4

Retention Time: 9.44

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	96	C12H6Cl4	290
1,1'-Biphenyl, 2,4,4',6-tetrachlor	32598-12-2	NIST02.l	111716	95	C12H6Cl4	290



Data File: u70104.d

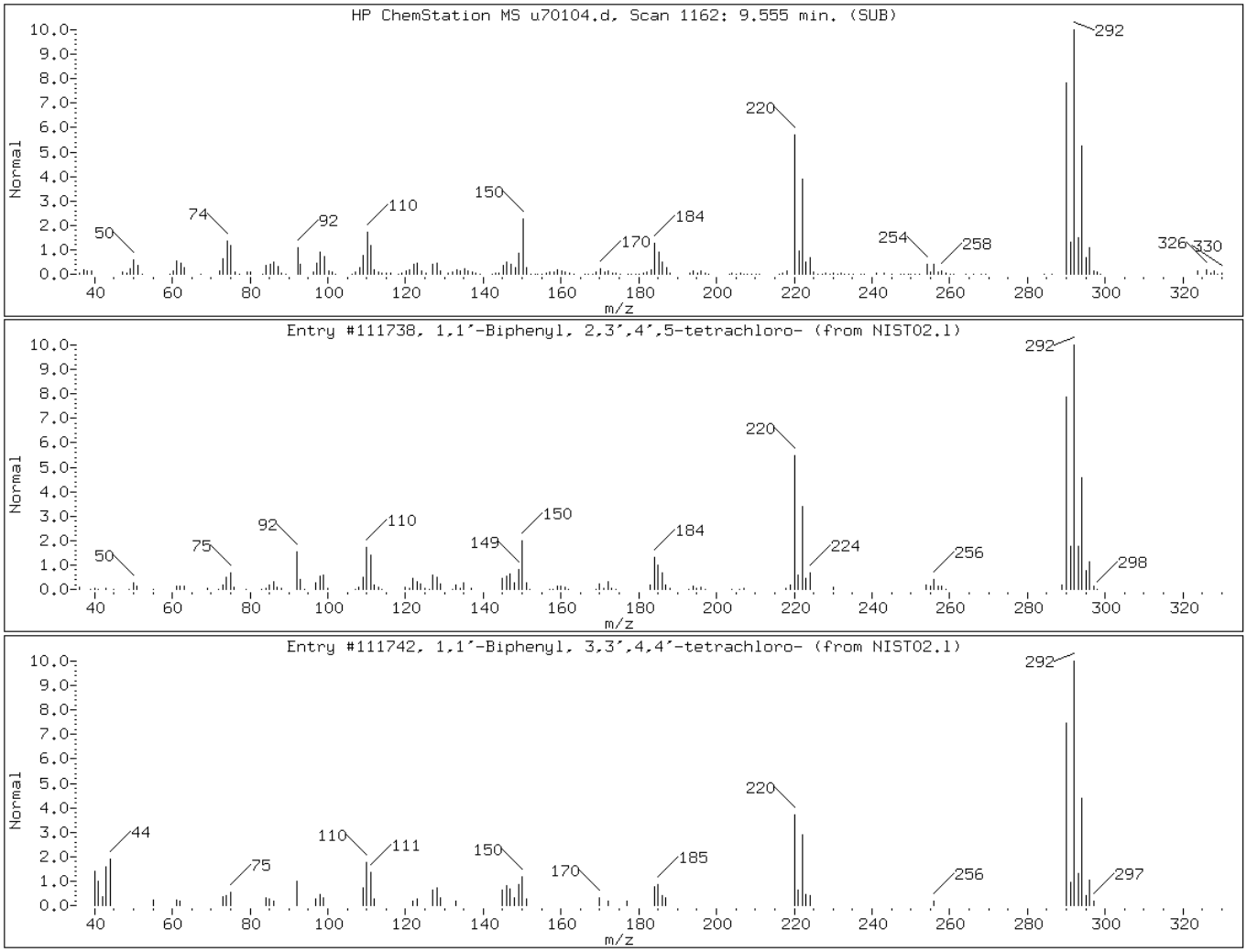
Date: 14-SEP-2011 18:33

Client ID: PMP-24-WT-S (6.5-8. Instrument: BNAMS4.i

Sample Info: 460-30837-F-6-B Operator: BNAMS 4

Retention Time: 9.55

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-9						
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: u70104.d

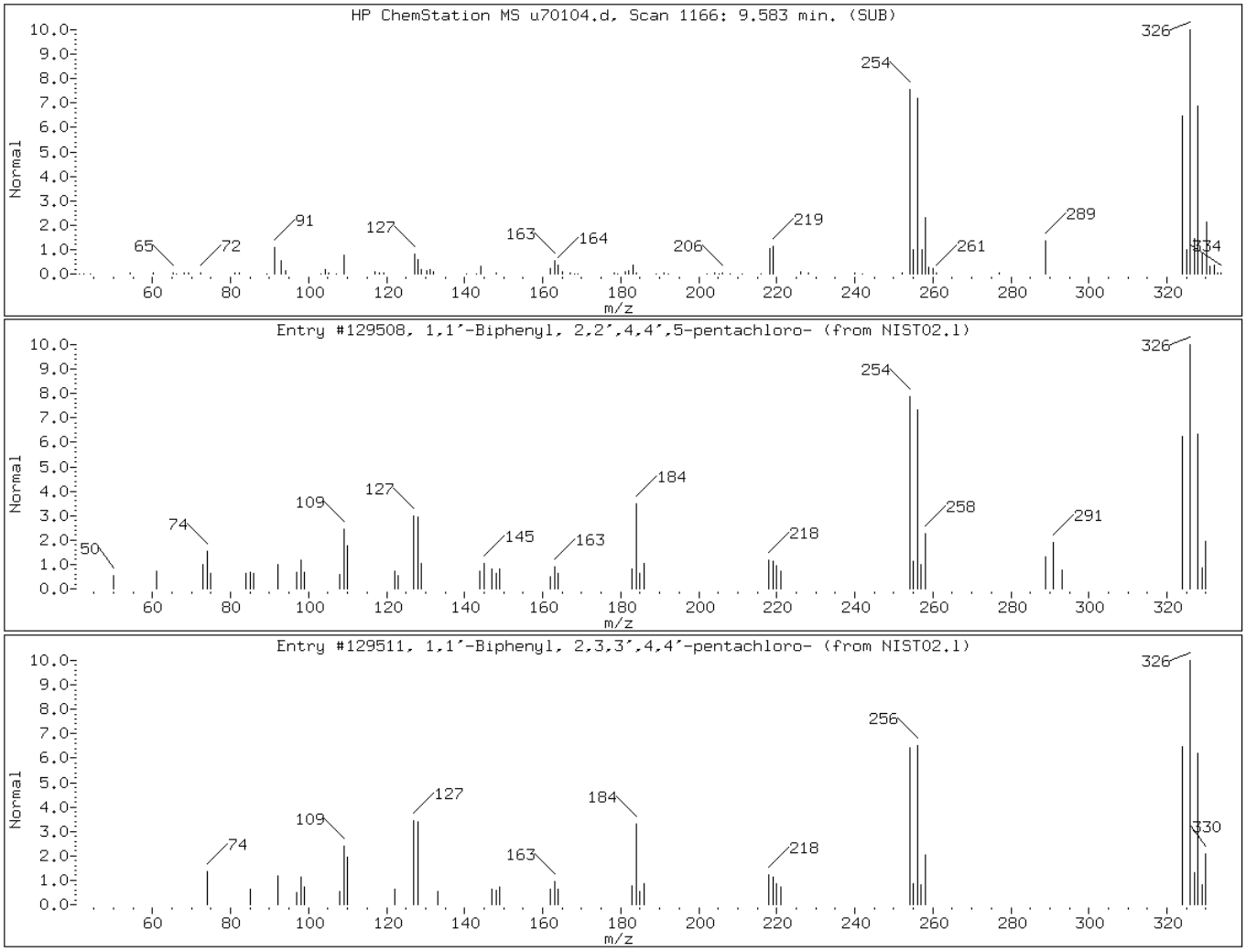
Date: 14-SEP-2011 18:33

Client ID: PMP-24-WT-S (6.5-8. Instrument: BNAMS4.i

Sample Info: 460-30837-F-6-B Operator: BNAMS 4

Retention Time: 9.58

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Pentachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',4,4',5-pentach	38380-01-7	NIST02.l	129508	98	C12H5Cl5	324
1,1'-Biphenyl, 2,3,3',4,4'-pentach	32598-14-4	NIST02.l	129511	97	C12H5Cl5	324



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-24-SI-S (10.5-12.5) | Lab Sample ID: 460-30837-7

Matrix: Solid | Lab File ID: u70085.d

Analysis Method: 8270C | Date Collected: 09/08/2011 17:05

Extract. Method: 3541 | Date Extracted: 09/13/2011 10:15

Sample wt/vol: 15.00(g) | Date Analyzed: 09/14/2011 08:05

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86039 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	380	U	380	47
95-57-8	2-Chlorophenol	380	U	380	51
95-48-7	2-Methylphenol	380	U	380	55
106-44-5	4-Methylphenol	380	U	380	63
100-52-7	Benzaldehyde	380	U	380	24
98-86-2	Acetophenone	380	U	380	57
111-44-4	Bis(2-chloroethyl)ether	38	U	38	8.0
108-60-1	2,2'-oxybis[1-chloropropane]	380	U	380	50
621-64-7	N-Nitrosodi-n-propylamine	38	U	38	5.0
98-95-3	Nitrobenzene	38	U	38	8.5
67-72-1	Hexachloroethane	38	U	38	6.4
78-59-1	Isophorone	380	U	380	44
88-75-5	2-Nitrophenol	380	U	380	63
105-67-9	2,4-Dimethylphenol	380	U	380	61
120-83-2	2,4-Dichlorophenol	380	U	380	61
111-91-1	Bis(2-chloroethoxy)methane	380	U	380	55
91-20-3	Naphthalene	380	U	380	56
106-47-8	4-Chloroaniline	130	J	380	48
87-68-3	Hexachlorobutadiene	77	U	77	15
105-60-2	Caprolactam	380	U	380	52
59-50-7	4-Chloro-3-methylphenol	380	U	380	64
91-57-6	2-Methylnaphthalene	91	J	380	56
118-74-1	Hexachlorobenzene	38	U	38	5.3
77-47-4	Hexachlorocyclopentadiene	380	U	380	110
88-06-2	2,4,6-Trichlorophenol	380	U	380	68
95-95-4	2,4,5-Trichlorophenol	380	U	380	74
92-52-4	Diphenyl	380	U	380	63
91-58-7	2-Chloronaphthalene	380	U	380	54
88-74-4	2-Nitroaniline	770	U	770	100
606-20-2	2,6-Dinitrotoluene	77	U	77	9.7
131-11-3	Dimethyl phthalate	380	U	380	52
208-96-8	Acenaphthylene	380	U	380	55
99-09-2	3-Nitroaniline	770	U	770	86
83-32-9	Acenaphthene	380	U	380	54

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-24-SI-S (10.5-12.5) | Lab Sample ID: 460-30837-7

Matrix: Solid | Lab File ID: u70085.d

Analysis Method: 8270C | Date Collected: 09/08/2011 17:05

Extract. Method: 3541 | Date Extracted: 09/13/2011 10:15

Sample wt/vol: 15.00(g) | Date Analyzed: 09/14/2011 08:05

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86039 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1200	U	1200	98
51-28-5	2,4-Dinitrophenol	1200	U	1200	81
132-64-9	Dibenzofuran	380	U	380	57
84-66-2	Diethyl phthalate	380	U	380	51
86-73-7	Fluorene	380	U	380	65
206-44-0	Fluoranthene	380	U	380	64
84-74-2	Di-n-butyl phthalate	380	U	380	58
121-14-2	2,4-Dinitrotoluene	77	U	77	11
7005-72-3	4-Chlorophenyl phenyl ether	380	U	380	66
100-01-6	4-Nitroaniline	770	U	770	79
534-52-1	4,6-Dinitro-2-methylphenol	1200	U	1200	180
101-55-3	4-Bromophenyl phenyl ether	380	U	380	68
1912-24-9	Atrazine	380	U	380	71
120-12-7	Anthracene	380	U	380	67
86-74-8	Carbazole	380	U	380	61
85-01-8	Phenanthrene	310	J	380	67
87-86-5	Pentachlorophenol	1200	U	1200	190
129-00-0	Pyrene	380	U	380	66
218-01-9	Chrysene	380	U	380	56
207-08-9	Benzo[k]fluoranthene	38	U	38	5.3
191-24-2	Benzo[g,h,i]perylene	380	U	380	40
205-99-2	Benzo[b]fluoranthene	38	U	38	5.7
50-32-8	Benzo[a]pyrene	38	U	38	4.7
56-55-3	Benzo[a]anthracene	38	U	38	7.1
86-30-6	N-Nitrosodiphenylamine	380	U	380	62
85-68-7	Butyl benzyl phthalate	380	U	380	45
117-81-7	Bis(2-ethylhexyl) phthalate	90	J	380	51
117-84-0	Di-n-octyl phthalate	380	U	380	45
193-39-5	Indeno[1,2,3-cd]pyrene	38	U	38	6.1
53-70-3	Dibenz(a,h)anthracene	38	U	38	4.6
91-94-1	3,3'-Dichlorobenzidine	770	U	770	85
95-94-3	1,2,4,5-Tetrachlorobenzene	380	U	380	51
58-90-2	2,3,4,6-Tetrachlorophenol	380	U	380	76

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-24-SI-S (10.5-12.5) Lab Sample ID: 460-30837-7

Matrix: Solid Lab File ID: u70085.d

Analysis Method: 8270C Date Collected: 09/08/2011 17:05

Extract. Method: 3541 Date Extracted: 09/13/2011 10:15

Sample wt/vol: 15.00(g) Date Analyzed: 09/14/2011 08:05

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 13.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86039 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	63		38-105
4165-62-2	Phenol-d5	52		41-118
1718-51-0	Terphenyl-d14	46		16-151
118-79-6	2,4,6-Tribromophenol	25		10-120
367-12-4	2-Fluorophenol	50		37-125
321-60-8	2-Fluorobiphenyl	70		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-24-SI-S (10.5-12.5) | Lab Sample ID: 460-30837-7

Matrix: Solid | Lab File ID: u70085.d

Analysis Method: 8270C | Date Collected: 09/08/2011 17:05

Extract. Method: 3541 | Date Extracted: 09/13/2011 10:15

Sample wt/vol: 15.00(g) | Date Analyzed: 09/14/2011 08:05

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86039 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 111800

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-2	6.87	6600	J
	Unknown Alkane-3	7.37	7300	J
	Unknown Alkane-4	7.57	3900	J
	Unknown Alkane-5	7.83	16000	J
	Dichloro-1,1-biphenyl isomer	7.93	4100	J
593-45-3	n-Octadecane	8.27	9600	E
	Trichloro-1,1-biphenyl isomer-1	8.29	8800	J
	Trichloro-1,1-biphenyl isomer-2	8.44	4300	J
	Trichloro-1,1-biphenyl isomer-3	8.69	11000	J
	Trichloro-1,1-biphenyl isomer-4	8.70	7900	J
	Trichloro-1,1-biphenyl isomer-5	8.77	5000	J
	Trichloro-1,1-biphenyl isomer-6	8.83	2900	J
	Tetrachloro-1,1-biphenyl isomer-1	8.96	2900	J
	Tetrachloro-1,1-biphenyl isomer-2	8.99	2000	J
	Unknown Alkane-6	9.08	3200	J
	Tetrachloro-1,1-biphenyl isomer-3	9.12	3000	J
	Tetrachloro-1,1-biphenyl isomer-4	9.22	2400	J
	Tetrachloro-1,1-biphenyl isomer-5	9.45	4900	J
	Tetrachloro-1,1-biphenyl isomer-6	9.47	3100	J
	Tetrachloro-1,1-biphenyl isomer-7	9.59	2900	J

Data File: /chem/BNAMS4.i/8270T/09-06-11/13sep11a.b/u70085.d
Report Date: 14-Sep-2011 11:46

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/09-06-11/13sep11a.b/u70085.d
Lab Smp Id: 460-30837-F-7-B Client Smp ID: PMP-24-SI-S (10.5-1
Inj Date : 14-SEP-2011 08:05
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-30837-F-7-B
Misc Info : 460-30837-F-7-B
Comment   :
Method   : /chem/BNAMS4.i/8270T/09-06-11/13sep11a.b/8270C_08SP.m
Meth Date : 14-Sep-2011 00:25 asfawa Quant Type: ISTD
Cal Date : 06-SEP-2011 18:34 Cal File: u69912.d
Als bottle: 23
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	2.615	2.576	(0.682)	815100	49.8247	3300
$ 17 Phenol-d5 (SUR)	99	3.511	3.522	(0.915)	1348222	52.2596	3500
* 79 1,4-Dichlorobenzene-d4	152	3.836	3.841	(1.000)	448723	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.410	4.424	(0.861)	717711	31.3456	2100
* 80 Naphthalene-d8	136	5.125	5.135	(1.000)	1403118	40.0000	
32 4-Chloroaniline	127	5.244	5.230	(1.023)	27370	1.75293	120(a)
34 2-Methylnaphthalene	142	5.854	5.853	(1.142)	32672	1.18230	79(a)
120 1-Methylnaphthalene	142	5.944	5.950	(1.160)	19999	0.72423	48(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.218	6.230	(0.903)	670561	34.9866	2300
125 1,3-Dimethylnaphthalene	156	6.549	6.562	(0.952)	40644	2.76142	180(a)
39 Acenaphthylene	152	6.742	6.747	(0.980)	4277	0.16208	11(a)
* 82 Acenaphthene-d10	164	6.882	6.888	(1.000)	611523	40.0000	
47 Fluorene	166	7.421	7.428	(1.078)	12716	0.64110	43(a)

Data File: /chem/BNAMS4.i/8270T/09-06-11/13sep11a.b/u70085.d
Report Date: 14-Sep-2011 11:46

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 18 2,4,6-Tribromophenol (SUR)	330	7.664	7.671	(1.114)	105468	24.7239	1600
115 n-Octadecane	57	8.270	8.263	(0.992)	1550946	124.575	8300(A)
* 83 Phenanthrene-d10	188	8.340	8.337	(1.000)	682445	40.0000	
52 Phenanthrene	178	8.368	8.368	(1.003)	73519	4.01093	270(a)
57 Pyrene	202	9.751	9.742	(0.888)	5335	0.24903	17(a)
$ 78 Terphenyl-d14	244	9.898	9.898	(0.901)	415159	23.1151	1500
* 81 Chrysene-d12	240	10.982	10.989	(1.000)	566251	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	11.011	11.024	(1.003)	15997	1.16788	78(a)
* 84 Perylene-d12	264	12.769	12.775	(1.000)	392780	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: /chem/BNAMS4.i/8270T/09-06-11/13sep11a.b/u70085.d
Report Date: 14-Sep-2011 11:46

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/09-06-11/13sep11a.b/u70085.d
Lab Smp Id: 460-30837-F-7-B Client Smp ID: PMP-24-SI-S (10.5-1
Inj Date : 14-SEP-2011 08:05
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-30837-F-7-B
Misc Info : 460-30837-F-7-B
Comment   :
Method   : /chem/BNAMS4.i/8270T/09-06-11/13sep11a.b/8270C_08SP.m
Meth Date : 14-Sep-2011 00:25 asfawa Quant Type: ISTD
Cal Date : 06-SEP-2011 18:34 Cal File: u69912.d
Als bottle: 23
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

ISTD	RT	AREA	AMOUNT
* 80 Naphthalene-d8	5.125	3534763	40.000
* 83 Phenanthrene-d10	8.340	3069918	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane-1				CAS #:			
6.654	1785600	20.2061612	1300	0	0		80

Data File: /chem/BNAMS4.i/8270T/09-06-11/13sep11a.b/u70085.d
Report Date: 14-Sep-2011 11:46

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane-2				CAS #:			
6.867	6592656	85.9000649	5700	0		0	83
Unknown Alkane-3				CAS #:			
7.365	7278801	94.8402971	6300	0		0	83
Unknown Alkane-4				CAS #:			
7.574	3925189	51.1438793	3400	0		0	83
Unknown Alkane-5				CAS #:			
7.831	16330511	212.781014	14000	0		0	83
Dichloro-1,1-biphenyl isomer				CAS #:			
7.928	4037592	52.6084511	3500	0		0	83
Trichloro-1,1-biphenyl isomer-1				CAS #:			
8.291	8801086	114.675165	7600	0		0	83
Trichloro-1,1-biphenyl isomer-2				CAS #:			
8.444	4307084	56.1198406	3700	0		0	83
Trichloro-1,1-biphenyl isomer-3				CAS #:			
8.688	10782495	140.492243	9400	0		0	83
Trichloro-1,1-biphenyl isomer-4				CAS #:			
8.702	7853115	102.323416	6800	0		0	83
Trichloro-1,1-biphenyl isomer-5				CAS #:			
8.771	4968006	64.7314294	4300	0		0	83
Trichloro-1,1-biphenyl isomer-6				CAS #:			
8.834	2938644	38.2895292	2600	0		0	83
Tetrachloro-1,1-biphenyl isomer-1				CAS #:			
8.959	2914002	37.9684548	2500	0		0	83
Tetrachloro-1,1-biphenyl isomer-2				CAS #:			
8.994	1984174	25.8531139	1700	0		0	83
Unknown Alkane-6				CAS #:			
9.077	3157594	41.1423786	2700	0		0	83
Tetrachloro-1,1-biphenyl isomer-3				CAS #:			
9.119	3023916	39.4005992	2600	0		0	83

Data File: /chem/BNAMS4.i/8270T/09-06-11/13sep11a.b/u70085.d
Report Date: 14-Sep-2011 11:46

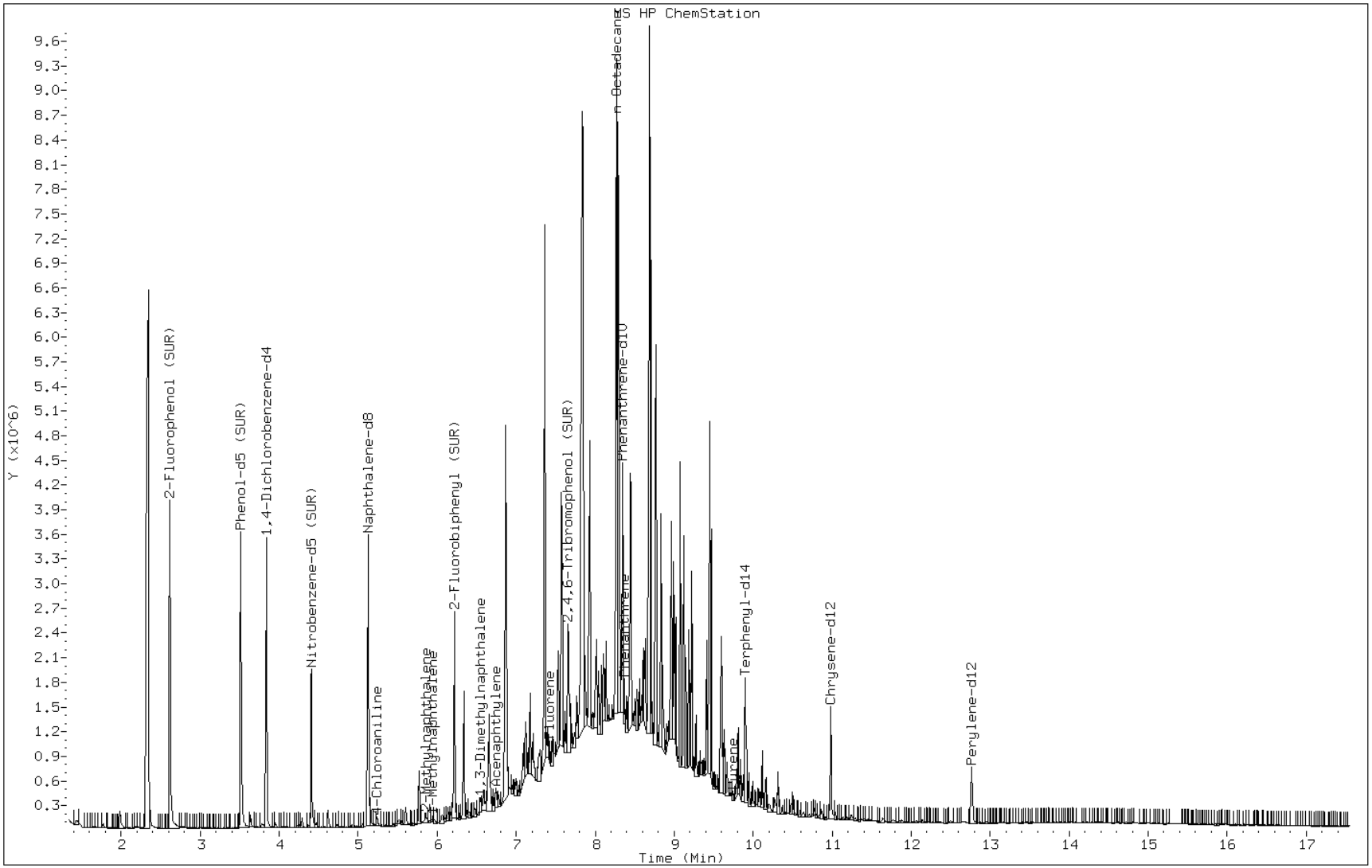
		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
====	====	==========	==========	====	=======	=========	======
Tetrachloro-1,1-biphenyl isomer-4					CAS #:		
9.223	2348821	30.6043358	2000	0		0	83
Tetrachloro-1,1-biphenyl isomer-5					CAS #:		
9.453	4898304	63.8232371	4200	0		0	83
Tetrachloro-1,1-biphenyl isomer-6					CAS #:		
9.474	3073543	40.0472222	2700	0		0	83
Tetrachloro-1,1-biphenyl isomer-7					CAS #:		
9.592	2907279	37.8808584	2500	0		0	83

Data File: u70085.d

Date: 14-SEP-2011 08:05

Client ID: PMP-24-SI-S (10.5-1 Instrument: BNAMS4.i

Sample Info: 460-30837-F-7-B Operator: BNAMS 4



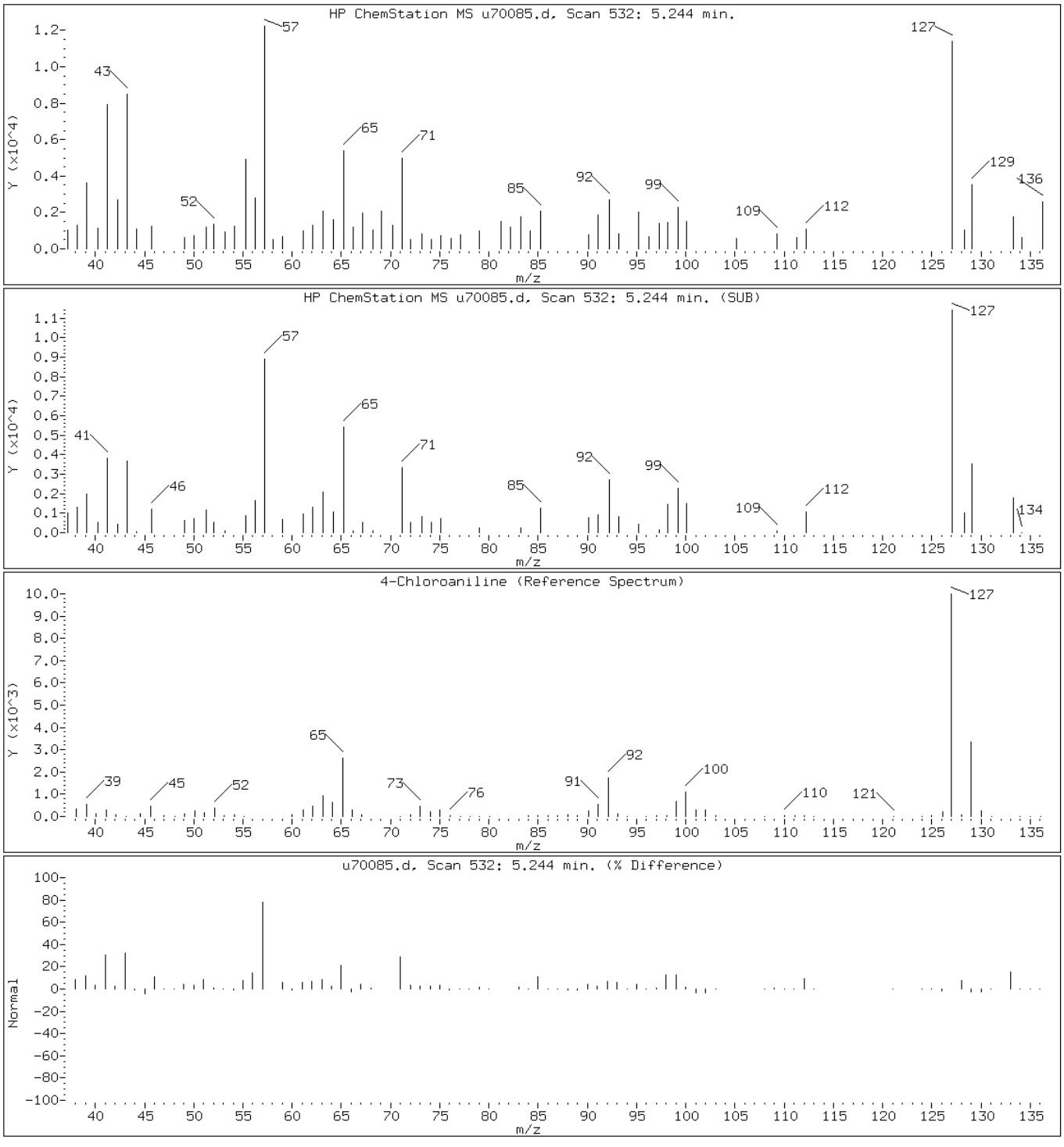
Data File: u70085.d

Date: 14-SEP-2011 08:05

Client ID: PMP-24-SI-S (10.5-1 Instrument: BNAMS4.i

Sample Info: 460-30837-F-7-B Operator: BNAMS 4

32 4-Chloroaniline



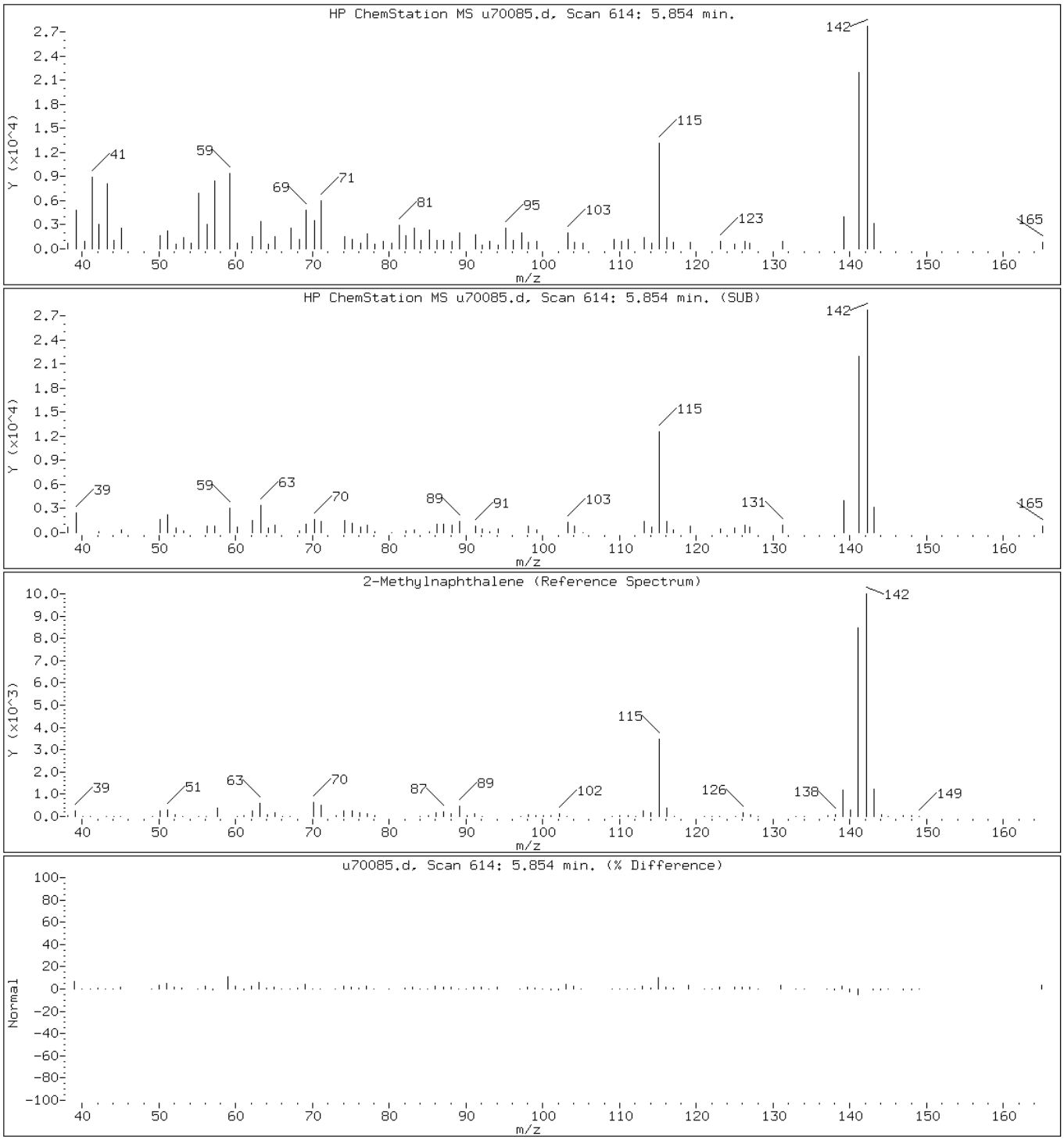
Data File: u70085.d

Date: 14-SEP-2011 08:05

Client ID: PMP-24-SI-S (10.5-1 Instrument: BNAMS4.i

Sample Info: 460-30837-F-7-B Operator: BNAMS 4

34 2-Methylnaphthalene



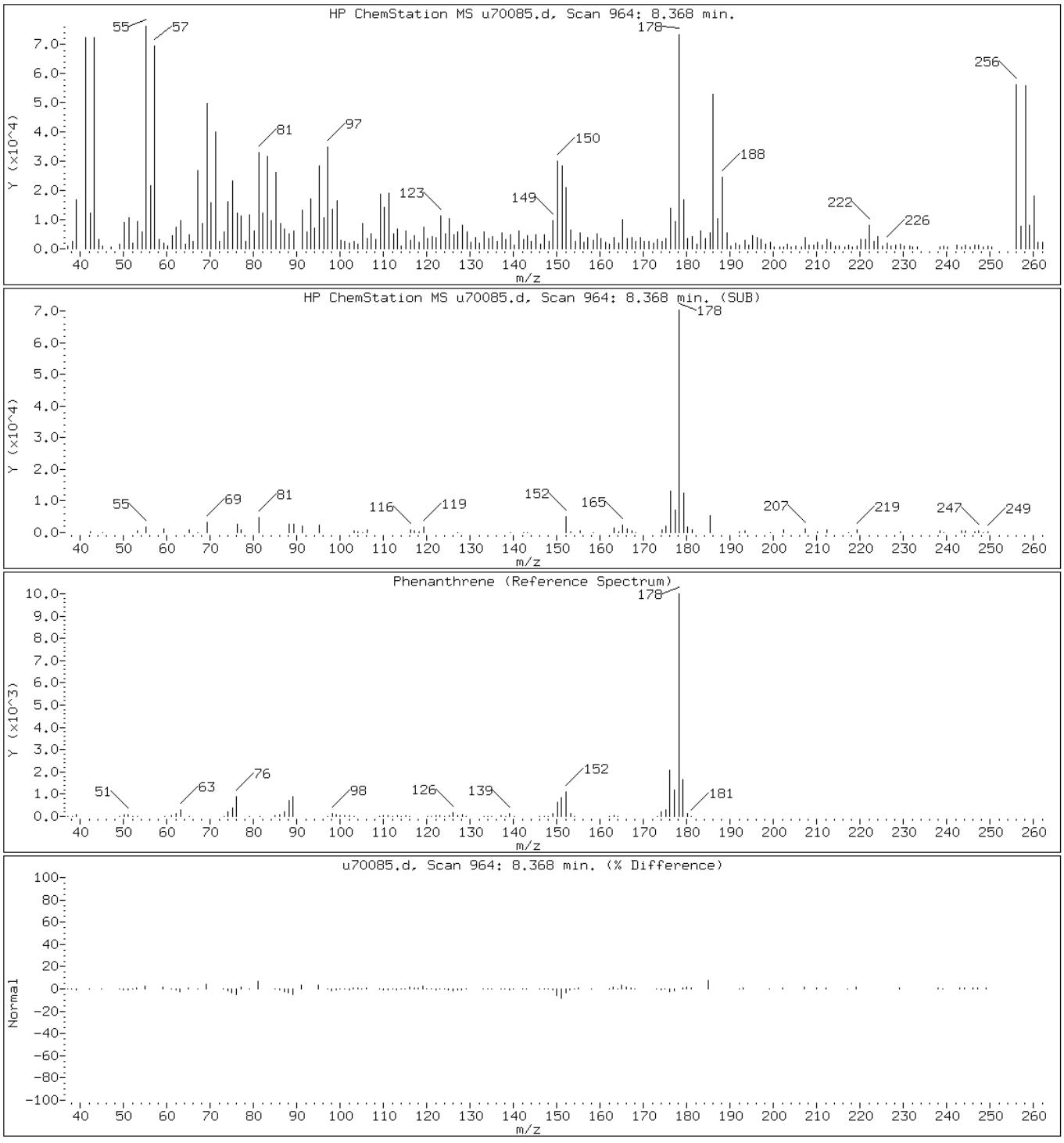
Data File: u70085.d

Date: 14-SEP-2011 08:05

Client ID: PMP-24-SI-S (10.5-1 Instrument: BNAMS4.i

Sample Info: 460-30837-F-7-B Operator: BNAMS 4

52 Phenanthrene



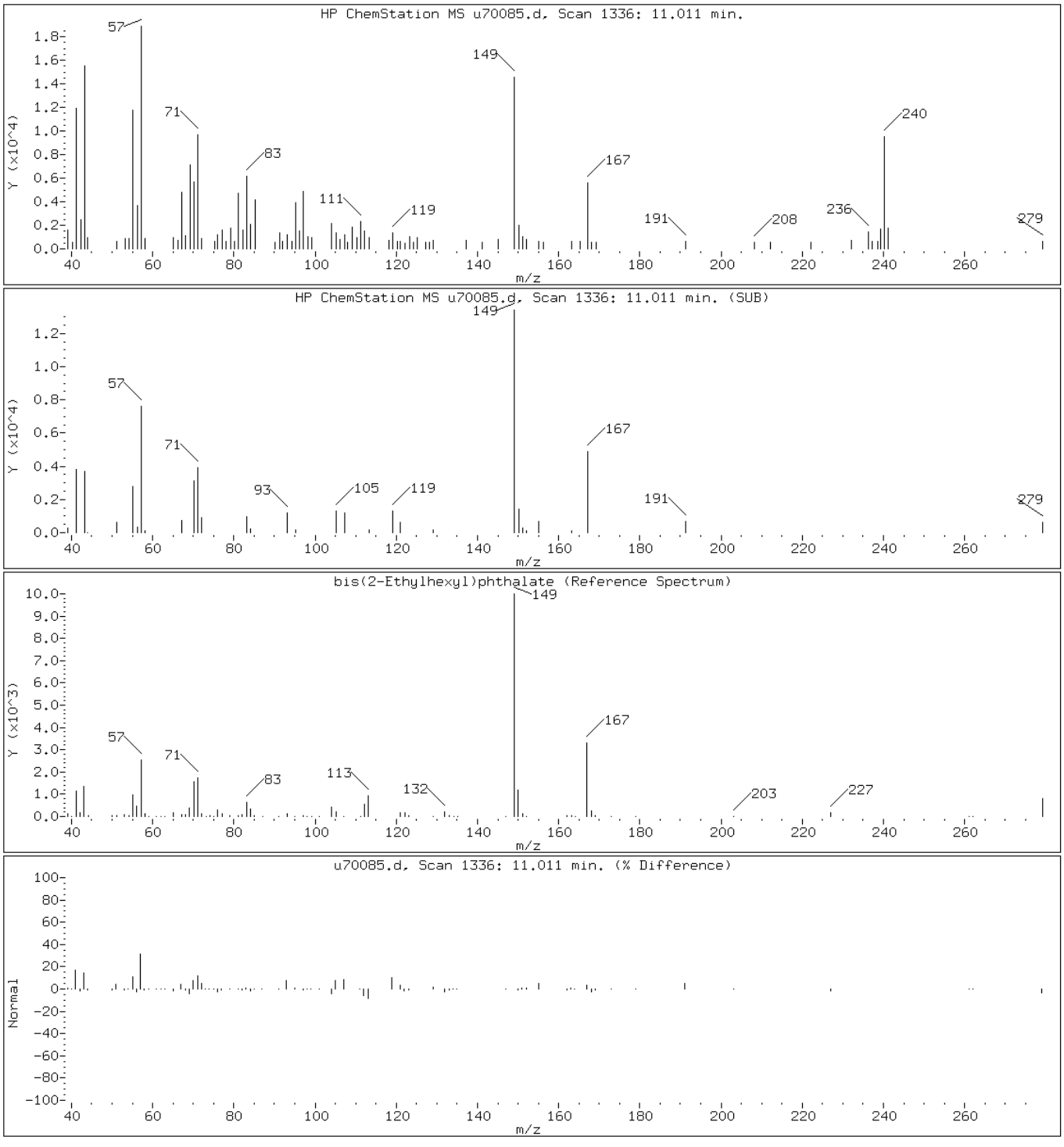
Data File: u70085.d

Date: 14-SEP-2011 08:05

Client ID: PMP-24-SI-S (10.5-1 Instrument: BNAMS4.i

Sample Info: 460-30837-F-7-B Operator: BNAMS 4

63 bis(2-Ethylhexyl)phthalate



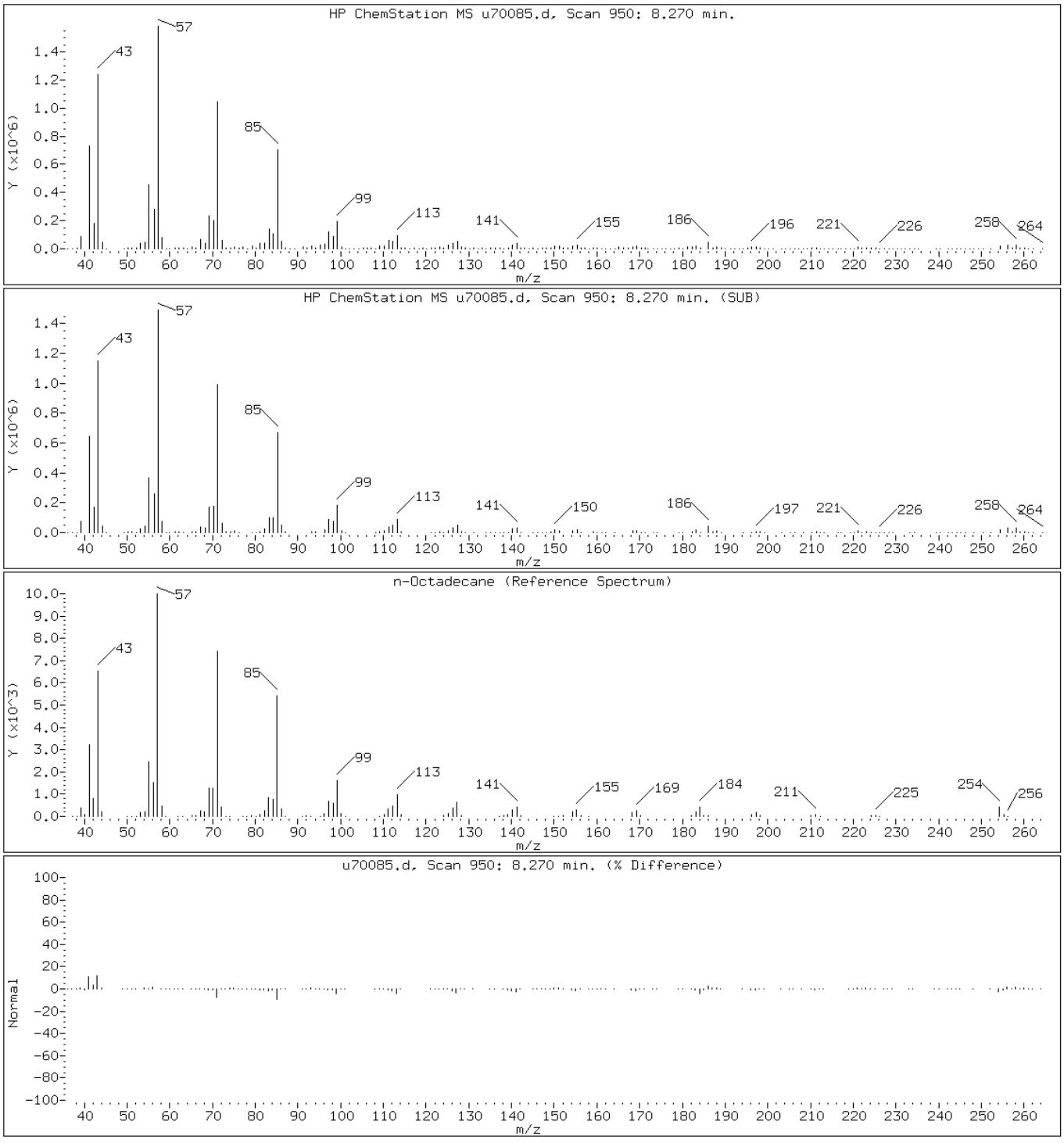
Data File: u70085.d

Date: 14-SEP-2011 08:05

Client ID: PMP-24-SI-S (10.5-1 Instrument: BNAMS4.i

Sample Info: 460-30837-F-7-B Operator: BNAMS 4

115 n-Octadecane



Data File: u70085.d

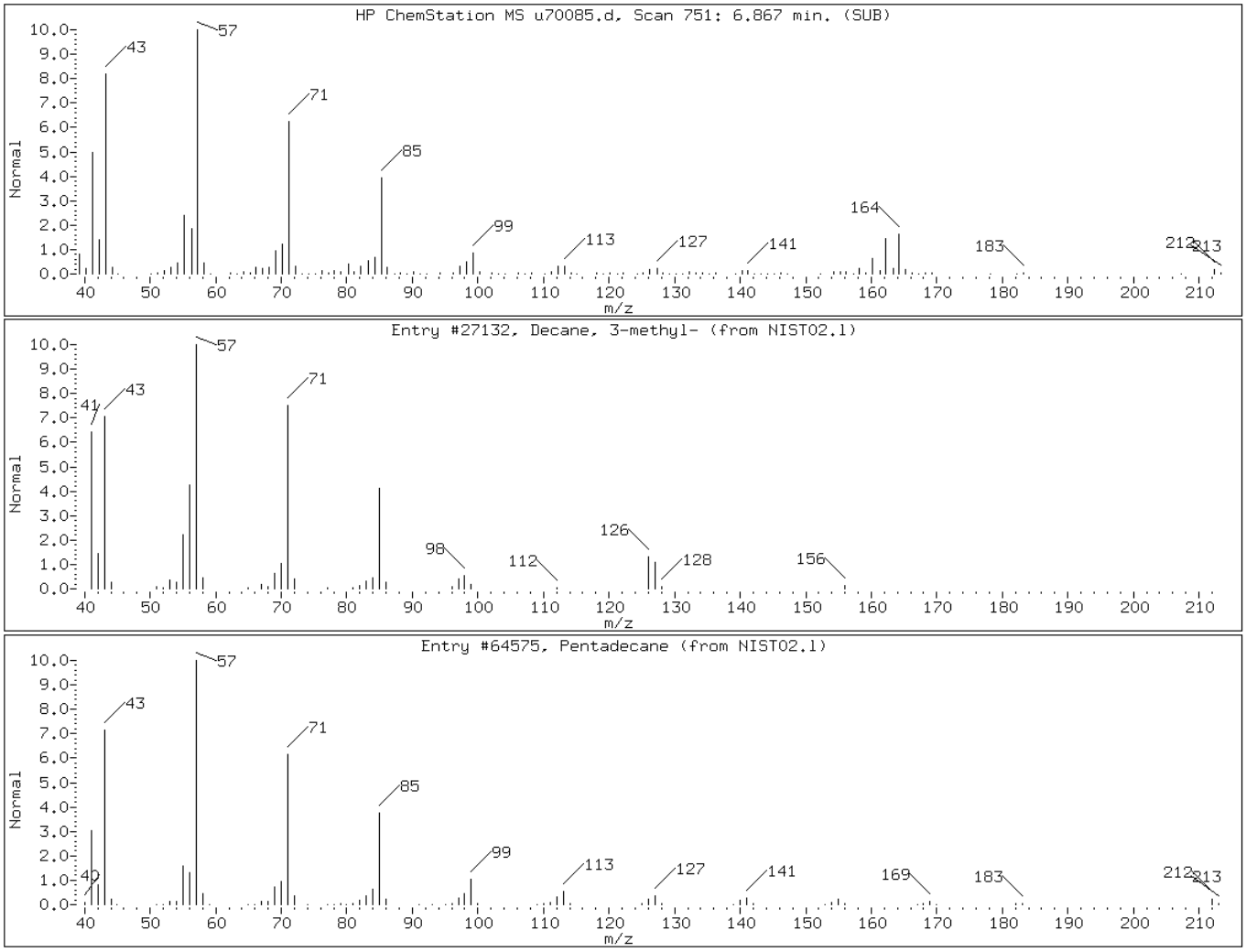
Date: 14-SEP-2011 08:05

Client ID: PMP-24-SI-S (10.5-1 Instrument: BNAMS4.i

Sample Info: 460-30837-F-7-B Operator: BNAMS 4

Retention Time: 6.87

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Decane, 3-methyl-	13151-34-3	NIST02.l	27132	76	C11H24	156
Pentadecane	629-62-9	NIST02.l	64575	74	C15H32	212



Data File: u70085.d

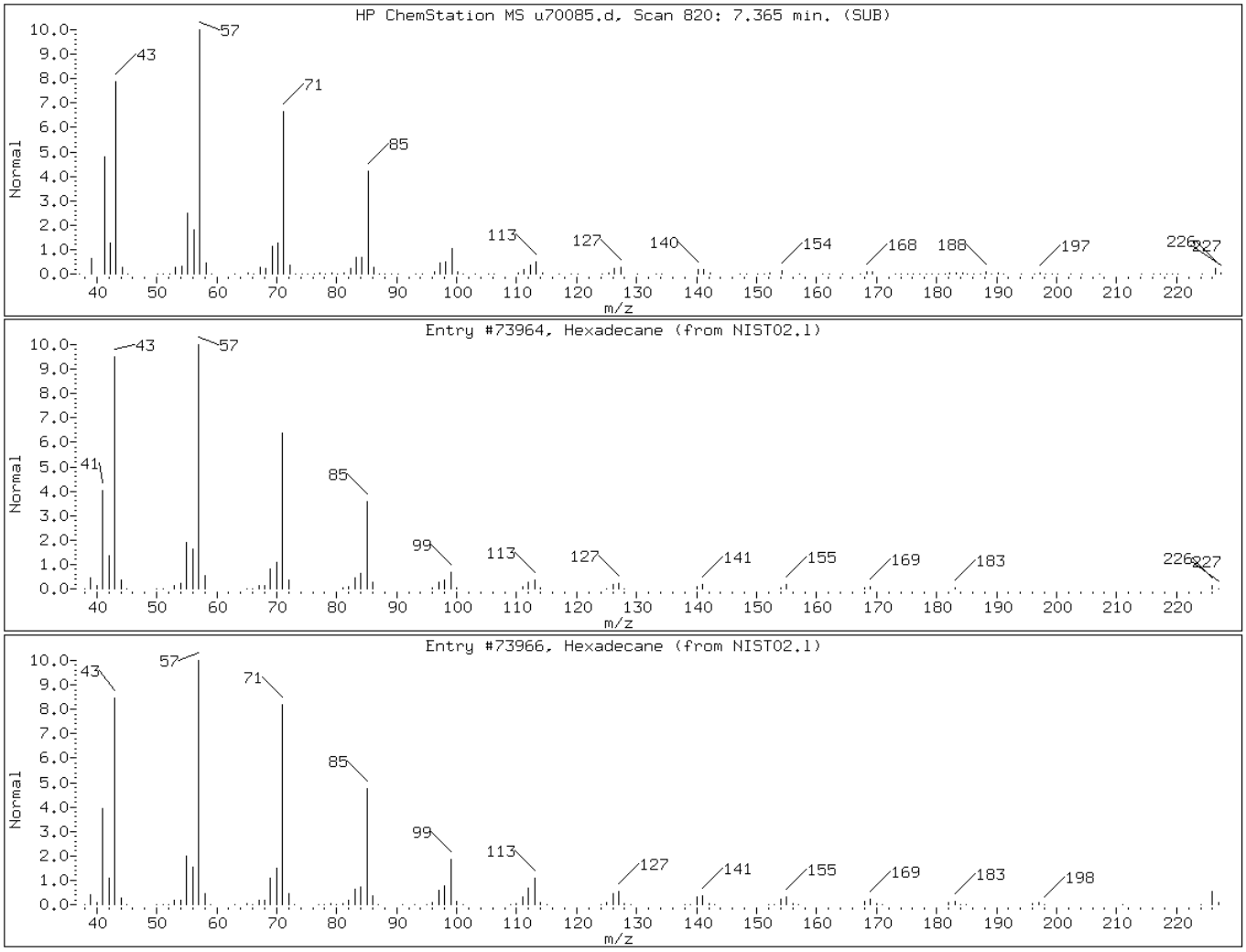
Date: 14-SEP-2011 08:05

Client ID: PMP-24-SI-S (10.5-1 Instrument: BNAMS4.i

Sample Info: 460-30837-F-7-B Operator: BNAMS 4

Retention Time: 7.37

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Hexadecane	544-76-3	NIST02.l	73964	96	C16H34	226
Hexadecane	544-76-3	NIST02.l	73966	96	C16H34	226



Data File: u70085.d

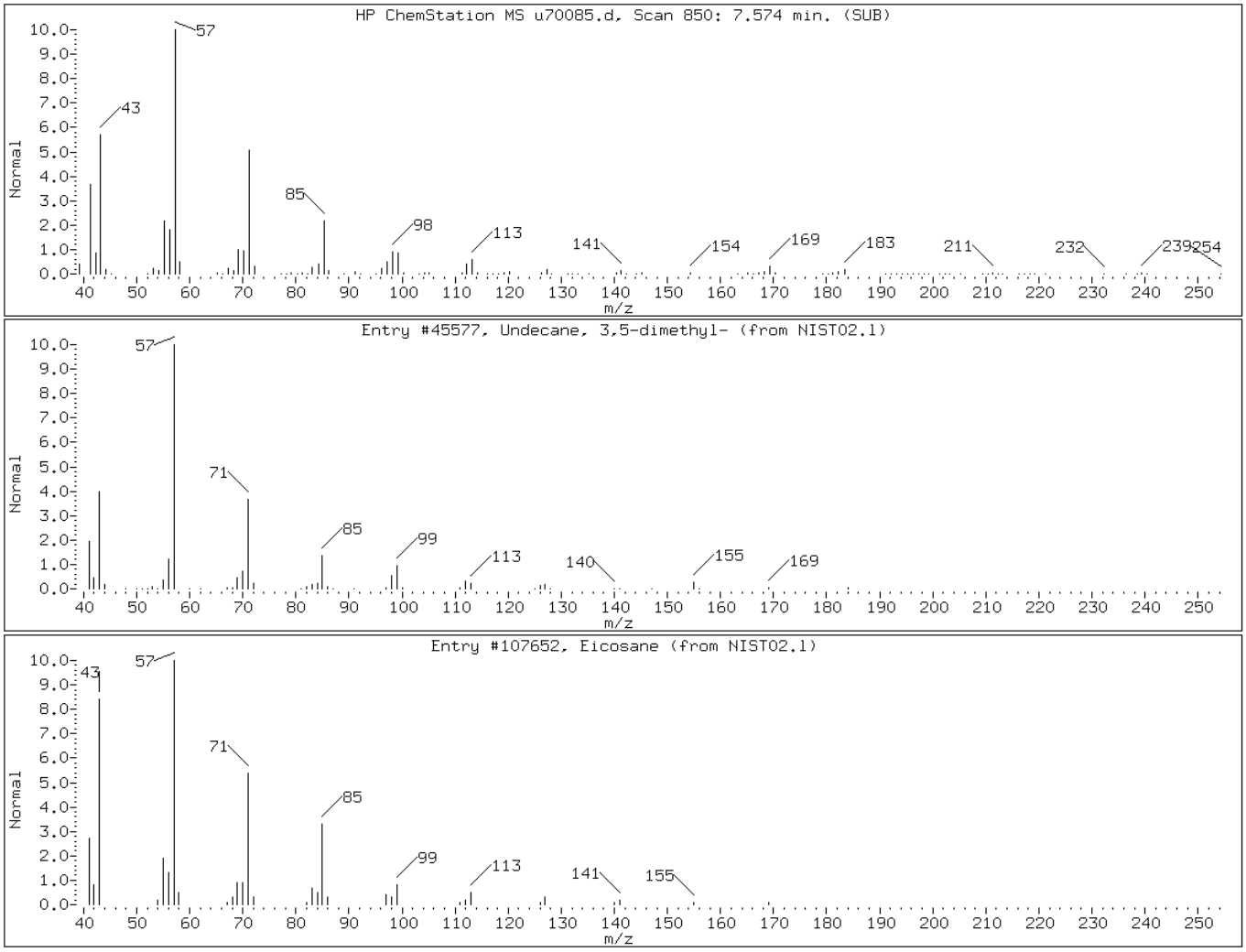
Date: 14-SEP-2011 08:05

Client ID: PMP-24-SI-S (10.5-1 Instrument: BNAMS4.i

Sample Info: 460-30837-F-7-B Operator: BNAMS 4

Retention Time: 7.57

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Undecane, 3,5-dimethyl-	17312-81-1	NIST02.l	45577	87	C13H28	184
Eicosane	112-95-8	NIST02.l	107652	80	C20H42	282



Data File: u70085.d

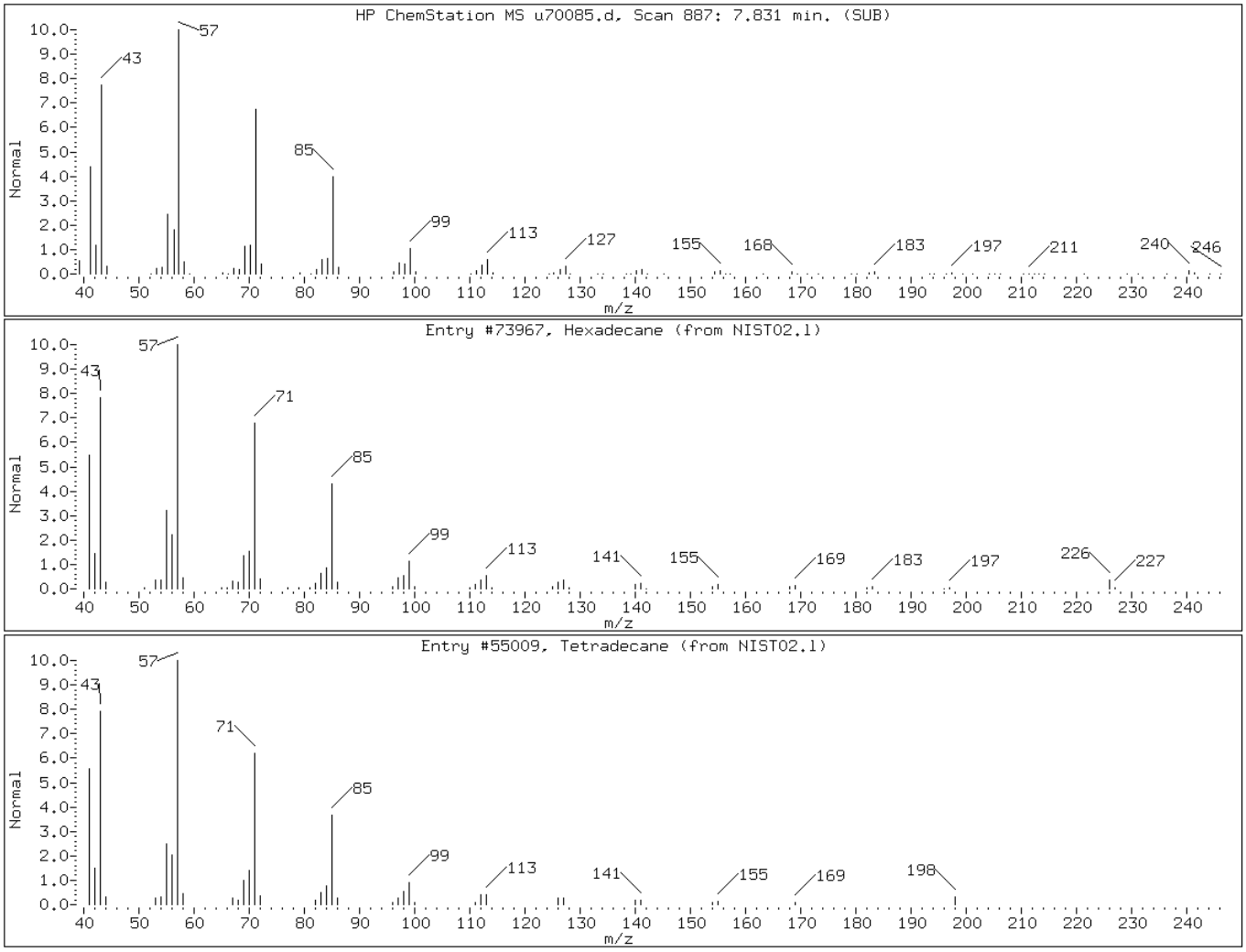
Date: 14-SEP-2011 08:05

Client ID: PMP-24-SI-S (10.5-1 Instrument: BNAMS4.i

Sample Info: 460-30837-F-7-B Operator: BNAMS 4

Retention Time: 7.83

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Hexadecane	544-76-3	NIST02.l	73967	91	C16H34	226
Tetradecane	629-59-4	NIST02.l	55009	91	C14H30	198



Data File: u70085.d

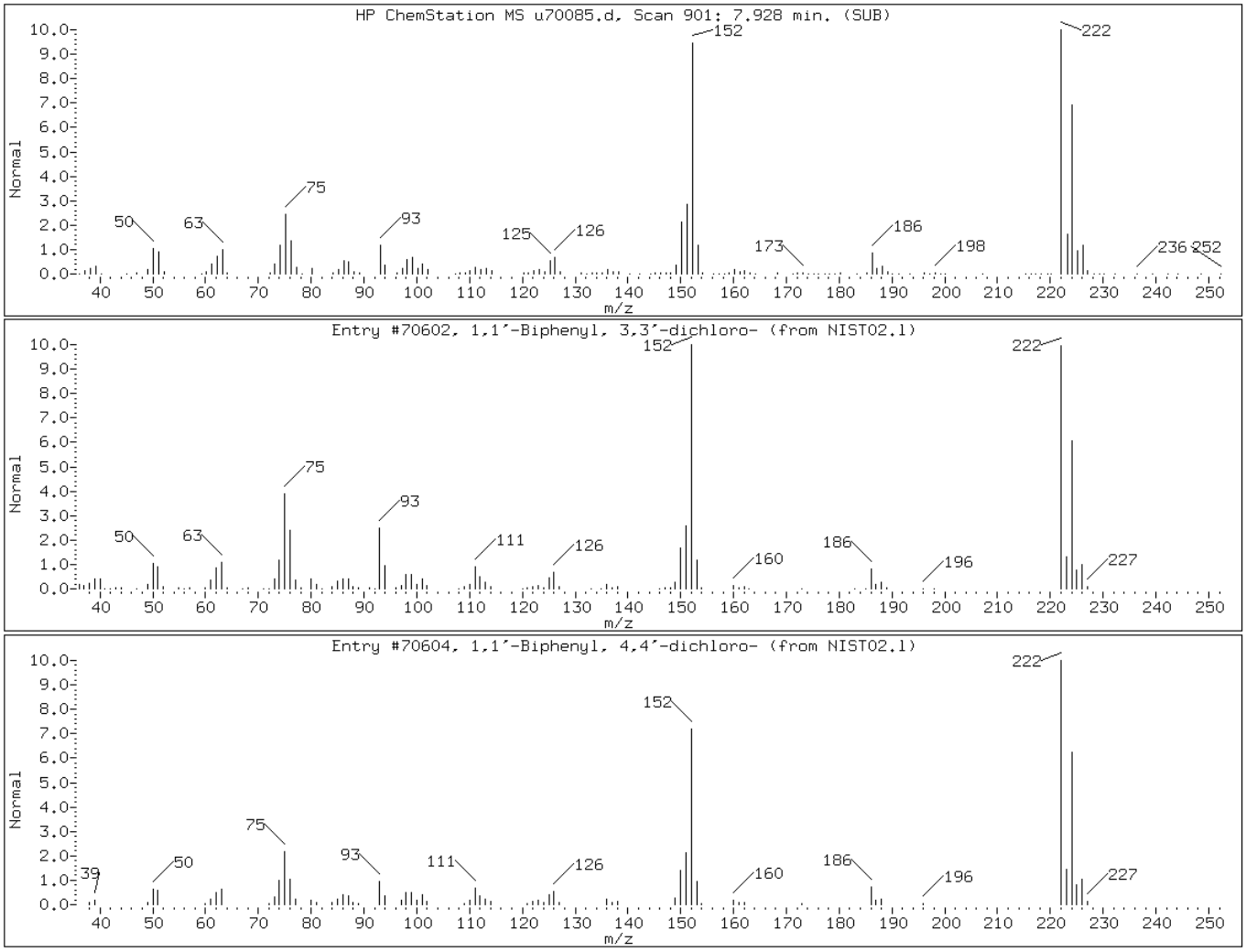
Date: 14-SEP-2011 08:05

Client ID: PMP-24-SI-S (10.5-1 Instrument: BNAMS4.i

Sample Info: 460-30837-F-7-B Operator: BNAMS 4

Retention Time: 7.93

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dichloro-1,1-biphenyl isomer						
1,1'-Biphenyl, 3,3'-dichloro-	2050-67-1	NIST02.l	70602	95	C12H8Cl2	222
1,1'-Biphenyl, 4,4'-dichloro-	2050-68-2	NIST02.l	70604	95	C12H8Cl2	222



Data File: u70085.d

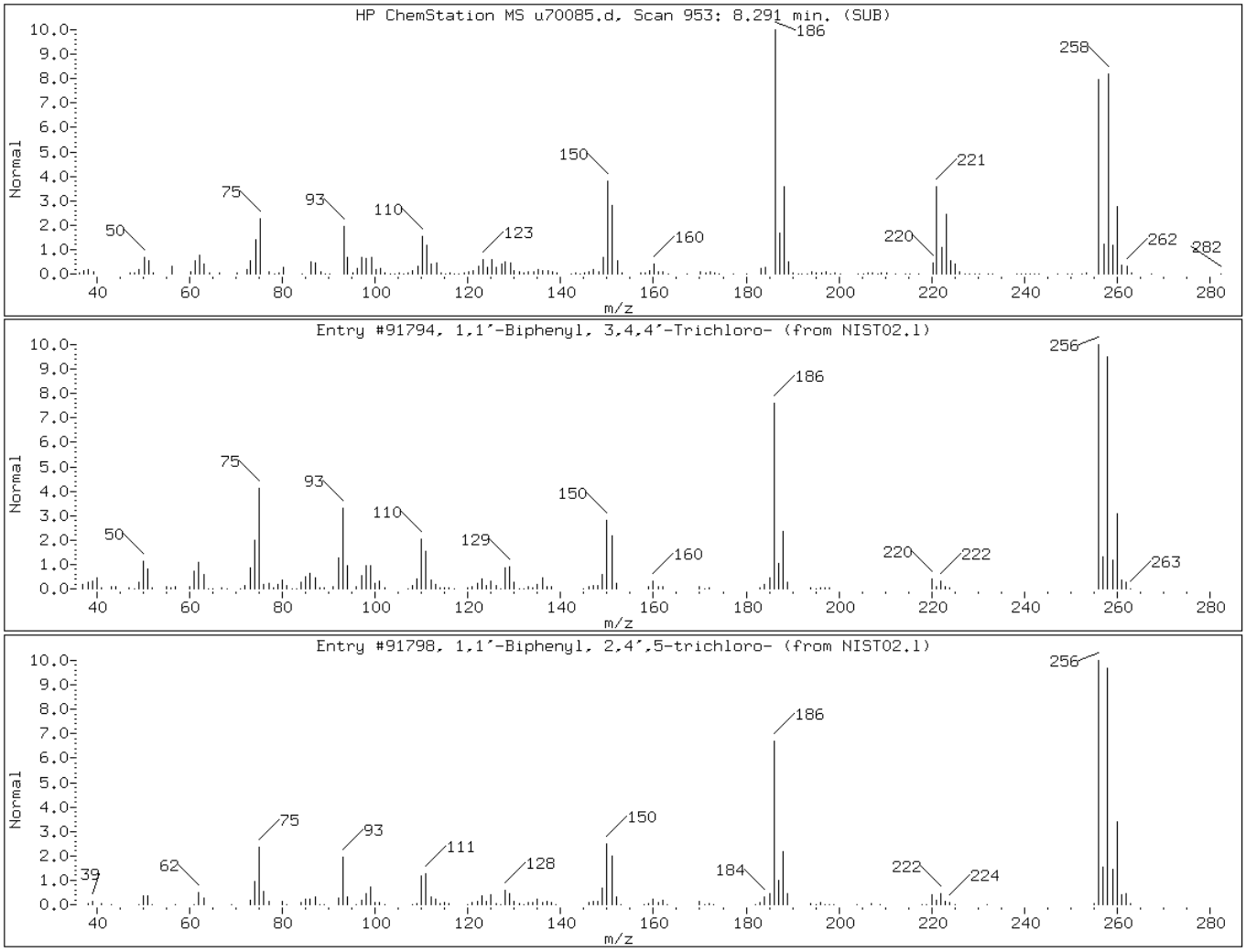
Date: 14-SEP-2011 08:05

Client ID: PMP-24-SI-S (10.5-1 Instrument: BNAMS4.i

Sample Info: 460-30837-F-7-B Operator: BNAMS 4

Retention Time: 8.29

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-1						
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	91798	97	C12H7Cl3	256



Data File: u70085.d

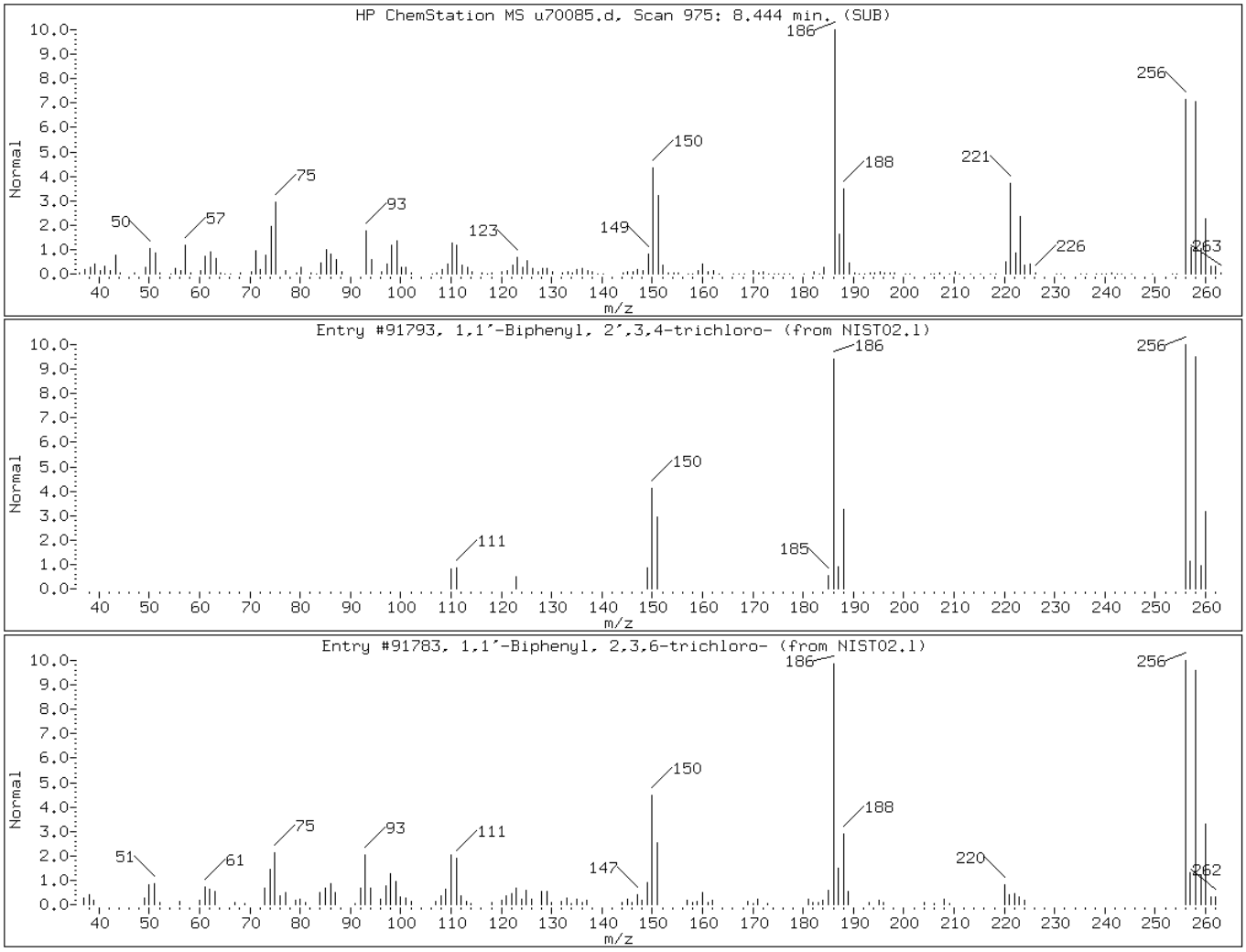
Date: 14-SEP-2011 08:05

Client ID: PMP-24-SI-S (10.5-1 Instrument: BNAMS4.i

Sample Info: 460-30837-F-7-B Operator: BNAMS 4

Retention Time: 8.44

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-2						
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.l	91793	96	C12H7Cl3	256
1,1'-Biphenyl, 2,3,6-trichloro-	55702-45-9	NIST02.l	91783	95	C12H7Cl3	256



Data File: u70085.d

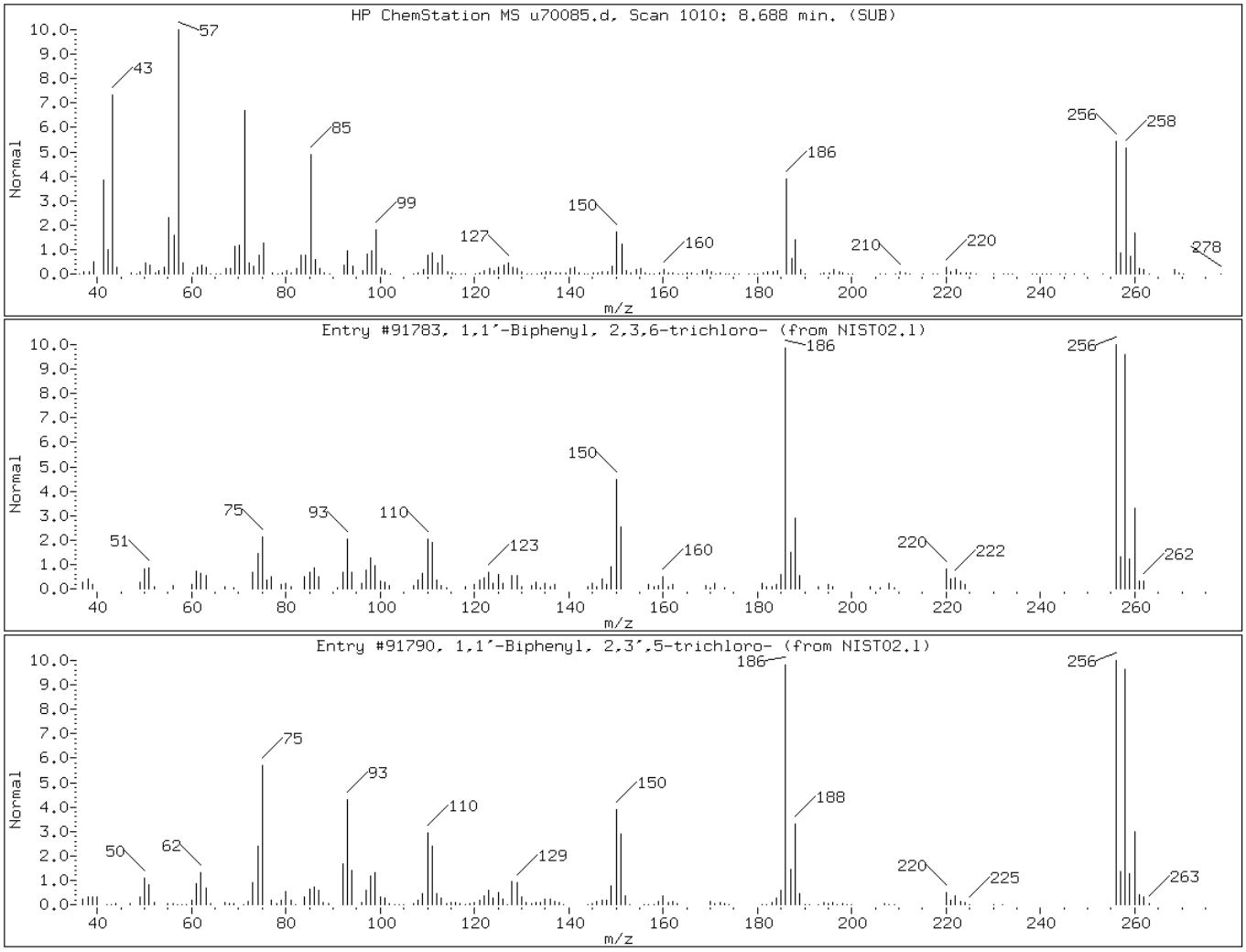
Date: 14-SEP-2011 08:05

Client ID: PMP-24-SI-S (10.5-1 Instrument: BNAMS4.i

Sample Info: 460-30837-F-7-B Operator: BNAMS 4

Retention Time: 8.69

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	97	C12H7Cl3	256



Data File: u70085.d

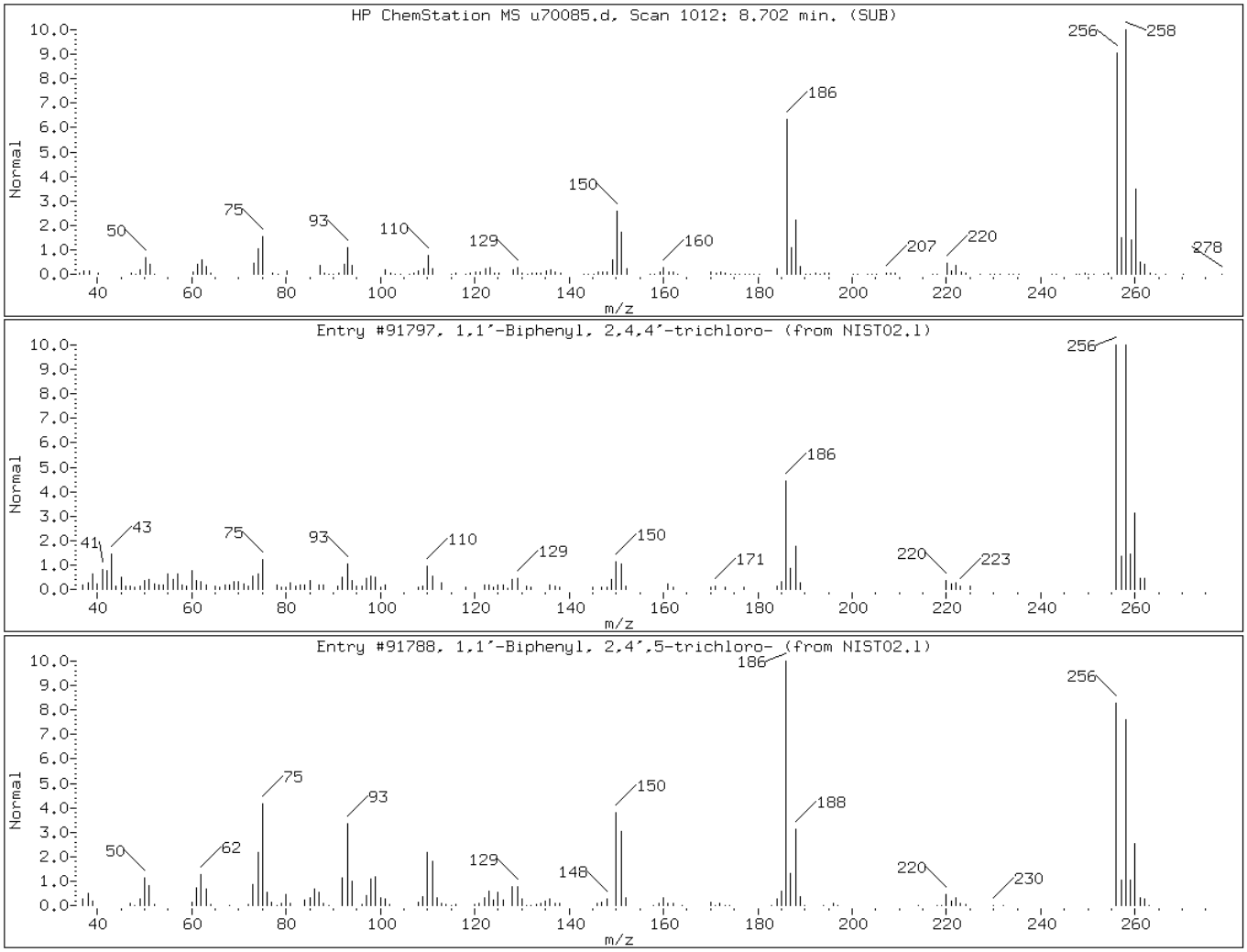
Date: 14-SEP-2011 08:05

Client ID: PMP-24-SI-S (10.5-1 Instrument: BNAMS4.i

Sample Info: 460-30837-F-7-B Operator: BNAMS 4

Retention Time: 8.70

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	91797	97	C12H7Cl3	256
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91788	96	C12H7Cl3	256



Data File: u70085.d

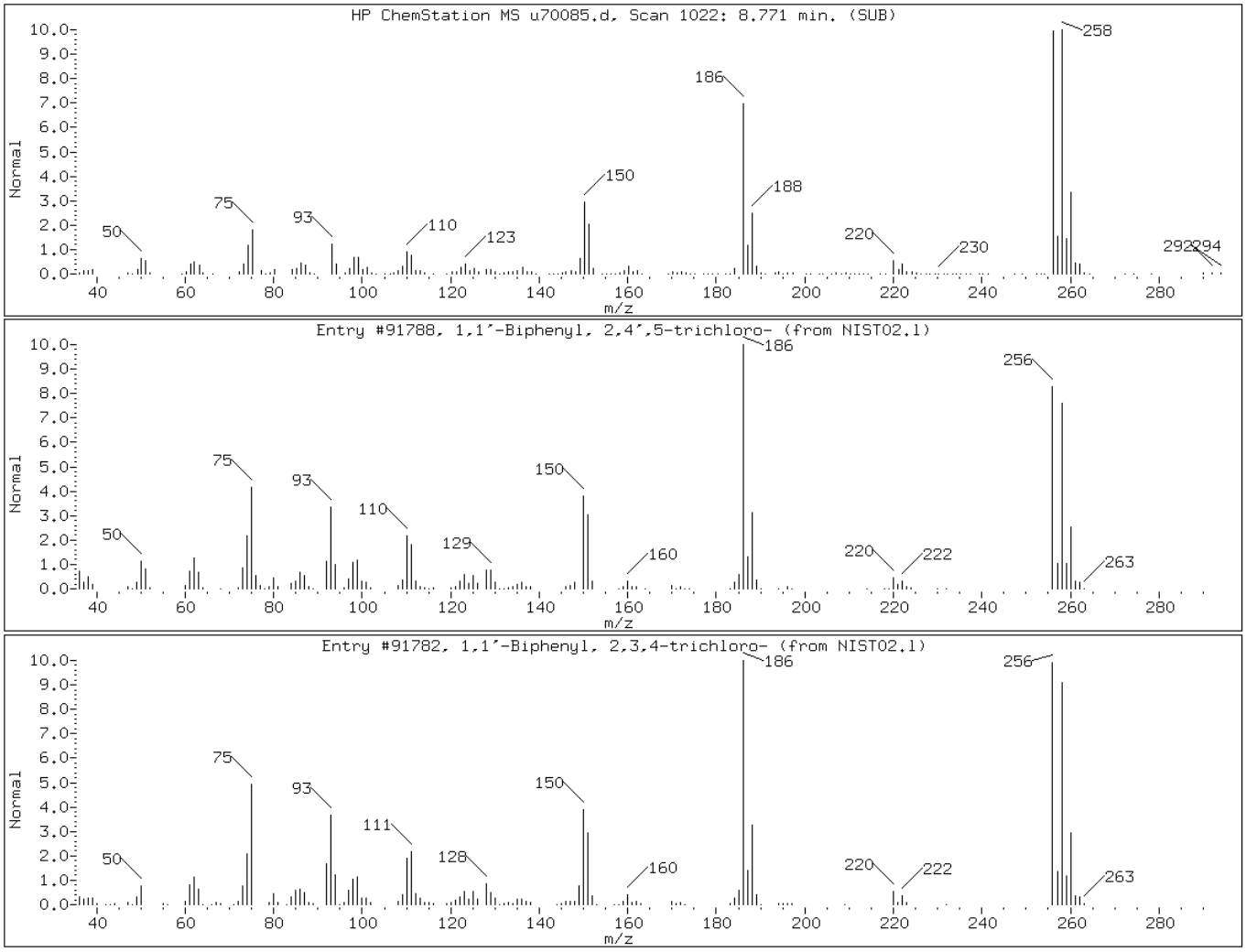
Date: 14-SEP-2011 08:05

Client ID: PMP-24-SI-S (10.5-1 Instrument: BNAMS4.i

Sample Info: 460-30837-F-7-B Operator: BNAMS 4

Retention Time: 8.77

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-	55702-46-0	NIST02.l	91782	98	C12H7Cl3	256



Data File: u70085.d

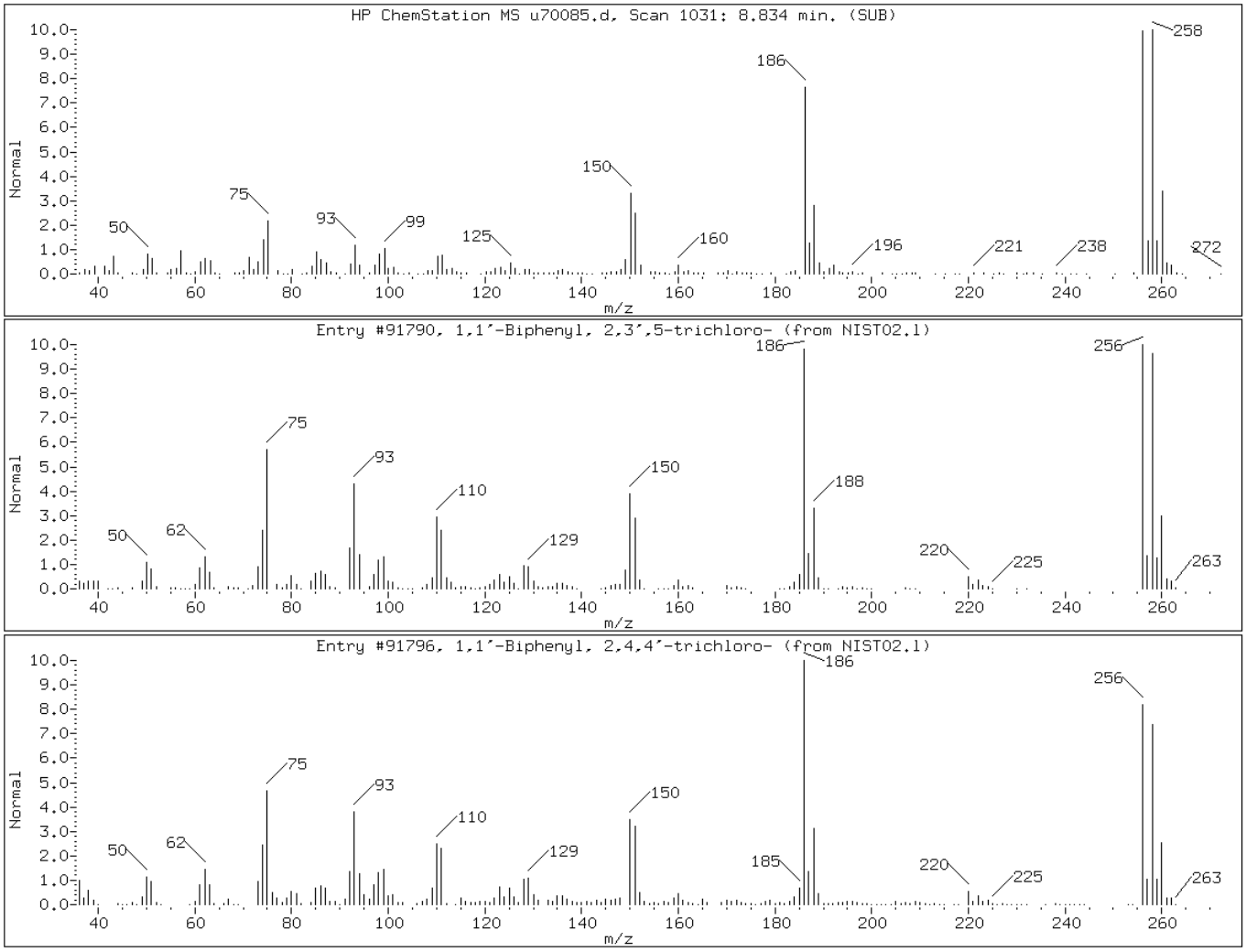
Date: 14-SEP-2011 08:05

Client ID: PMP-24-SI-S (10.5-1 Instrument: BNAMS4.i

Sample Info: 460-30837-F-7-B Operator: BNAMS 4

Retention Time: 8.83

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	95	C12H7Cl3	256
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.l	91796	95	C12H7Cl3	256



Data File: u70085.d

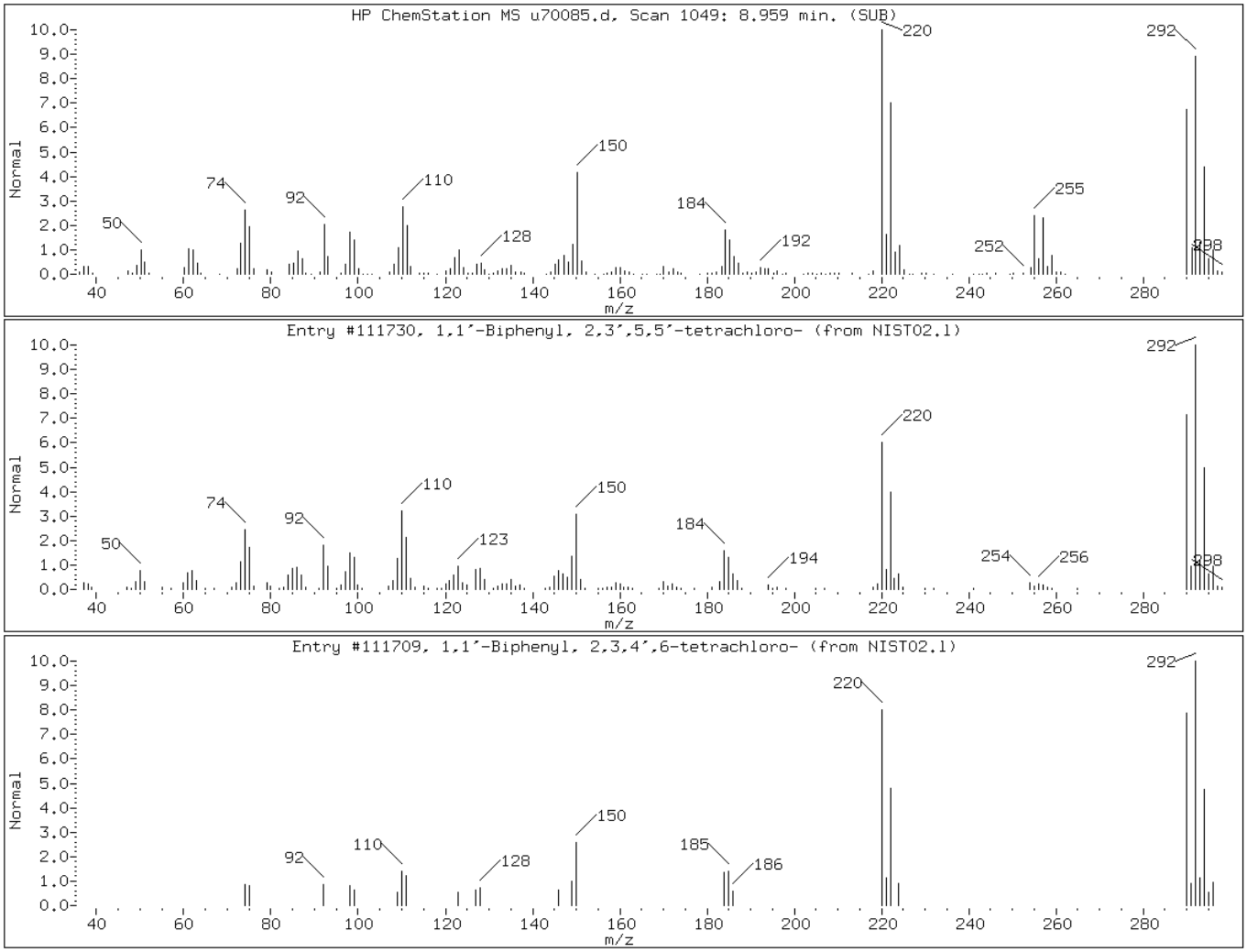
Date: 14-SEP-2011 08:05

Client ID: PMP-24-SI-S (10.5-1 Instrument: BNAMS4.i

Sample Info: 460-30837-F-7-B Operator: BNAMS 4

Retention Time: 8.96

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-1						
1,1'-Biphenyl, 2,3',5,5'-tetrachlo	41464-42-0	NIST02.l	111730	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3,4',6-tetrachlor	52663-58-8	NIST02.l	111709	96	C12H6Cl4	290



Data File: u70085.d

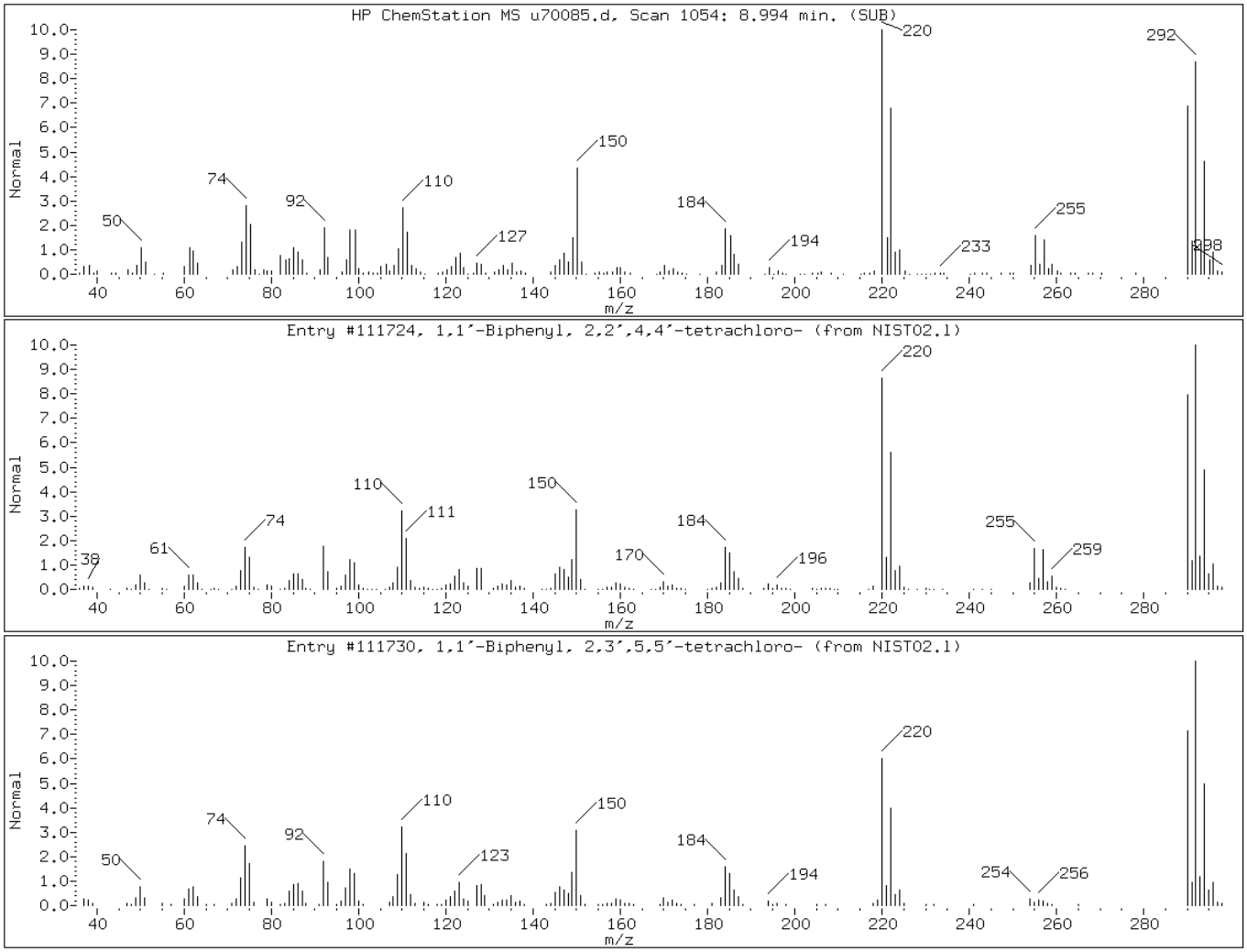
Date: 14-SEP-2011 08:05

Client ID: PMP-24-SI-S (10.5-1 Instrument: BNAMS4.i

Sample Info: 460-30837-F-7-B Operator: BNAMS 4

Retention Time: 8.99

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, 2,3',5,5'-tetrachlo	41464-42-0	NIST02.l	111730	99	C12H6Cl4	290



Data File: u70085.d

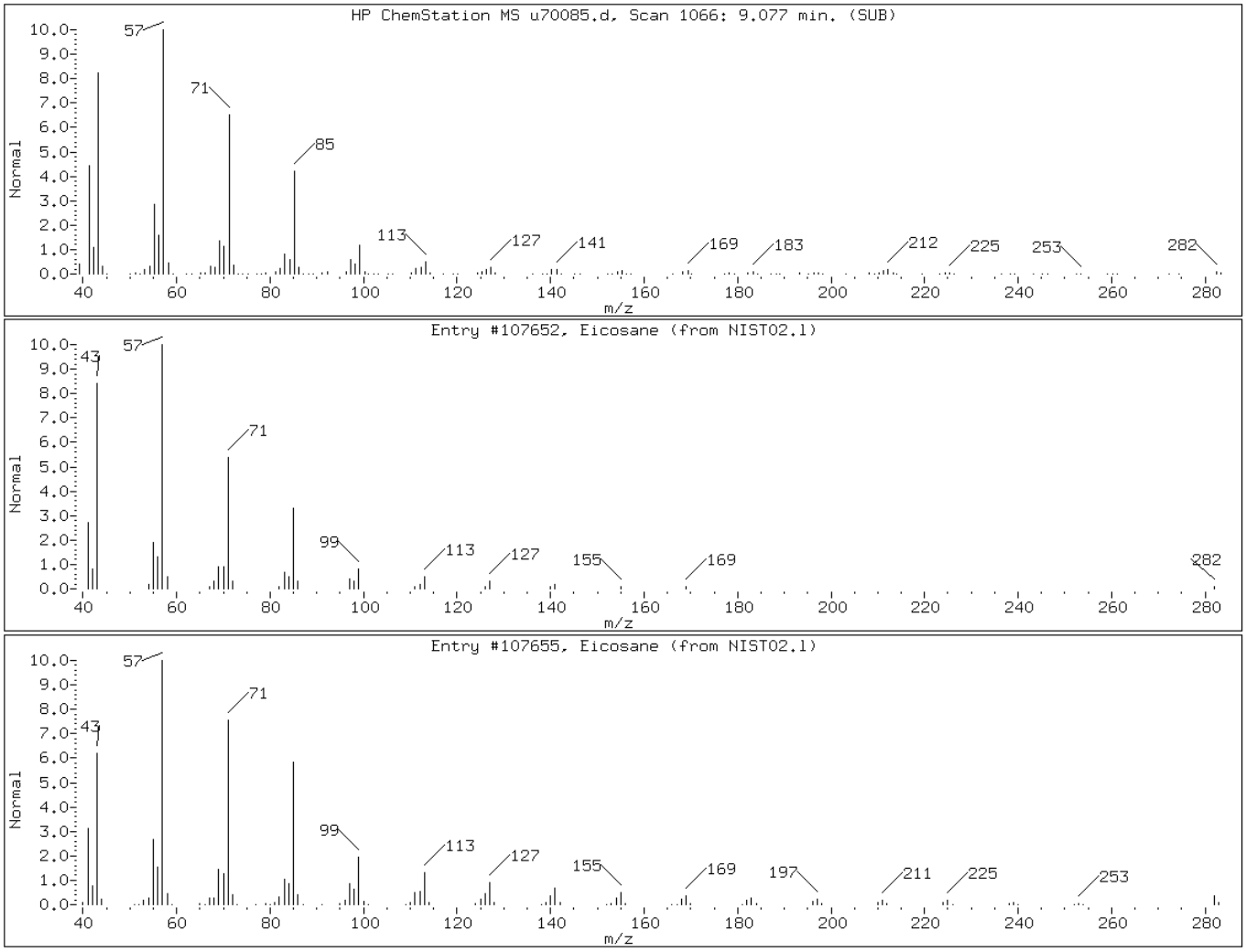
Date: 14-SEP-2011 08:05

Client ID: PMP-24-SI-S (10.5-1 Instrument: BNAMS4.i

Sample Info: 460-30837-F-7-B Operator: BNAMS 4

Retention Time: 9.08

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Eicosane	112-95-8	NIST02.l	107652	98	C20H42	282
Eicosane	112-95-8	NIST02.l	107655	97	C20H42	282



Data File: u70085.d

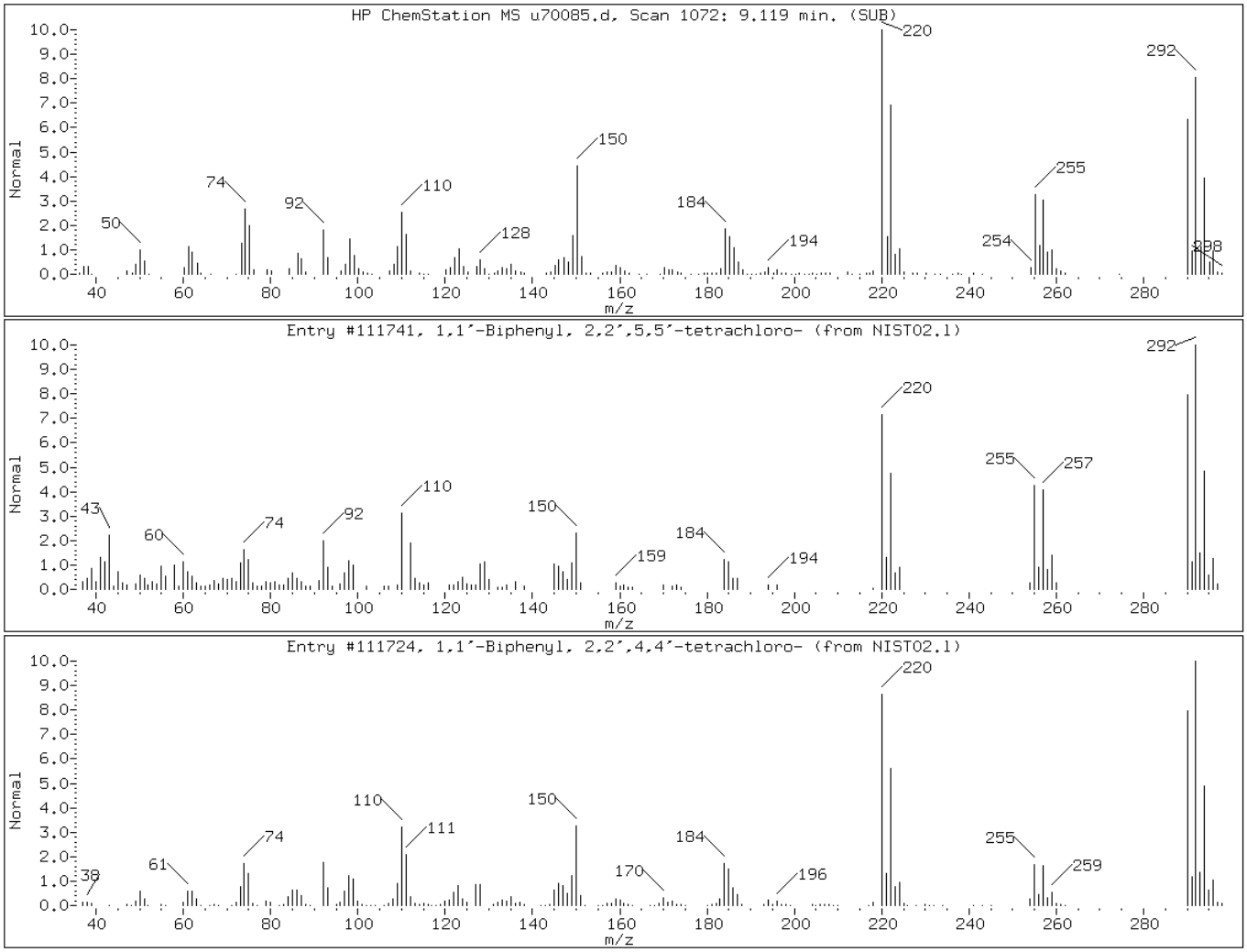
Date: 14-SEP-2011 08:05

Client ID: PMP-24-SI-S (10.5-1 Instrument: BNAMS4.i

Sample Info: 460-30837-F-7-B Operator: BNAMS 4

Retention Time: 9.12

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',4,4'-tetrachlo	2437-79-8	NIST02.l	111724	98	C12H6Cl4	290



Data File: u70085.d

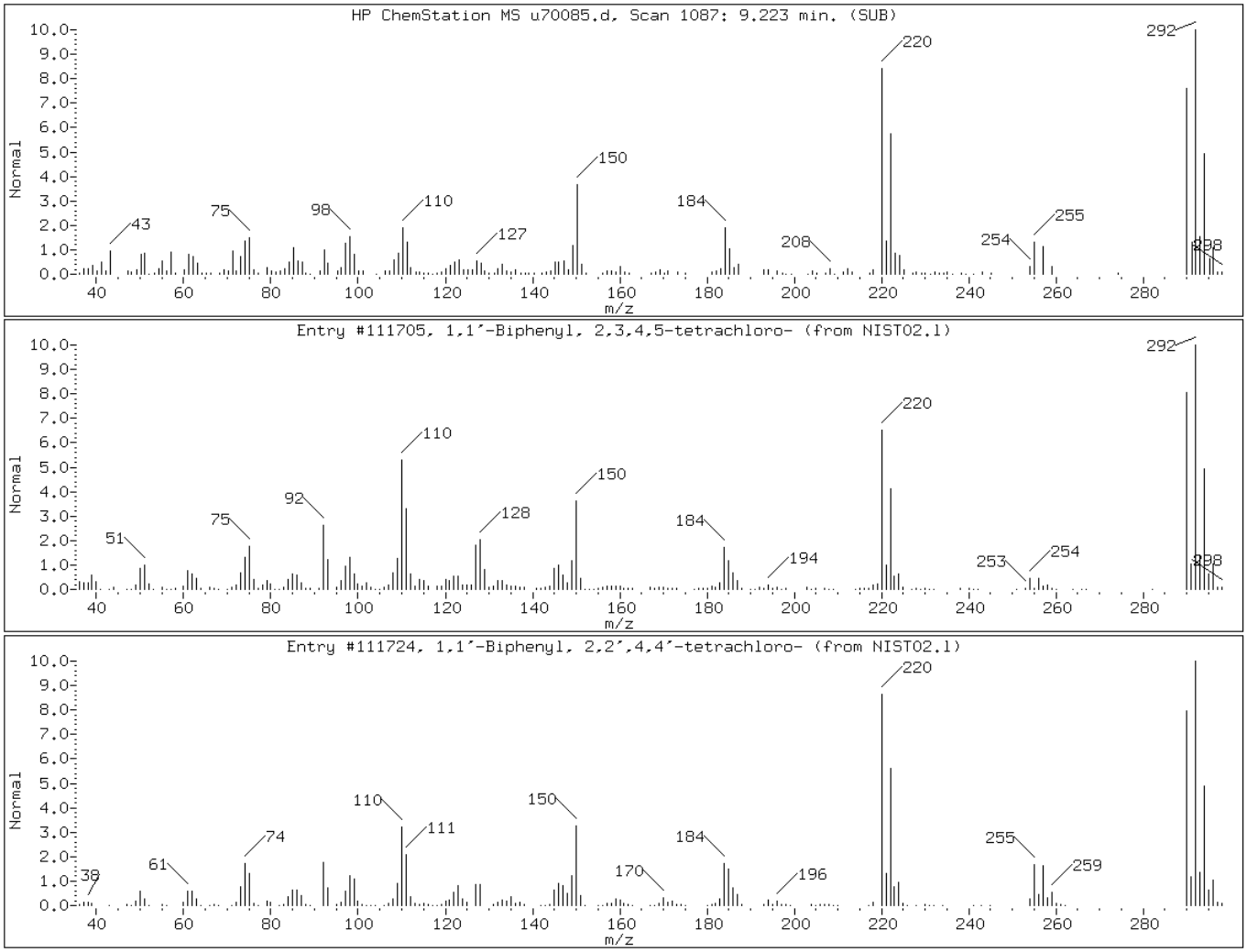
Date: 14-SEP-2011 08:05

Client ID: PMP-24-SI-S (10.5-1 Instrument: BNAMS4.i

Sample Info: 460-30837-F-7-B Operator: BNAMS 4

Retention Time: 9.22

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-4						
1,1'-Biphenyl, 2,3,4,5-tetrachloro	33284-53-6	NIST02.l	111705	96	C12H6Cl4	290
1,1'-Biphenyl, 2,2',4,4'-tetrachlo	2437-79-8	NIST02.l	111724	96	C12H6Cl4	290



Data File: u70085.d

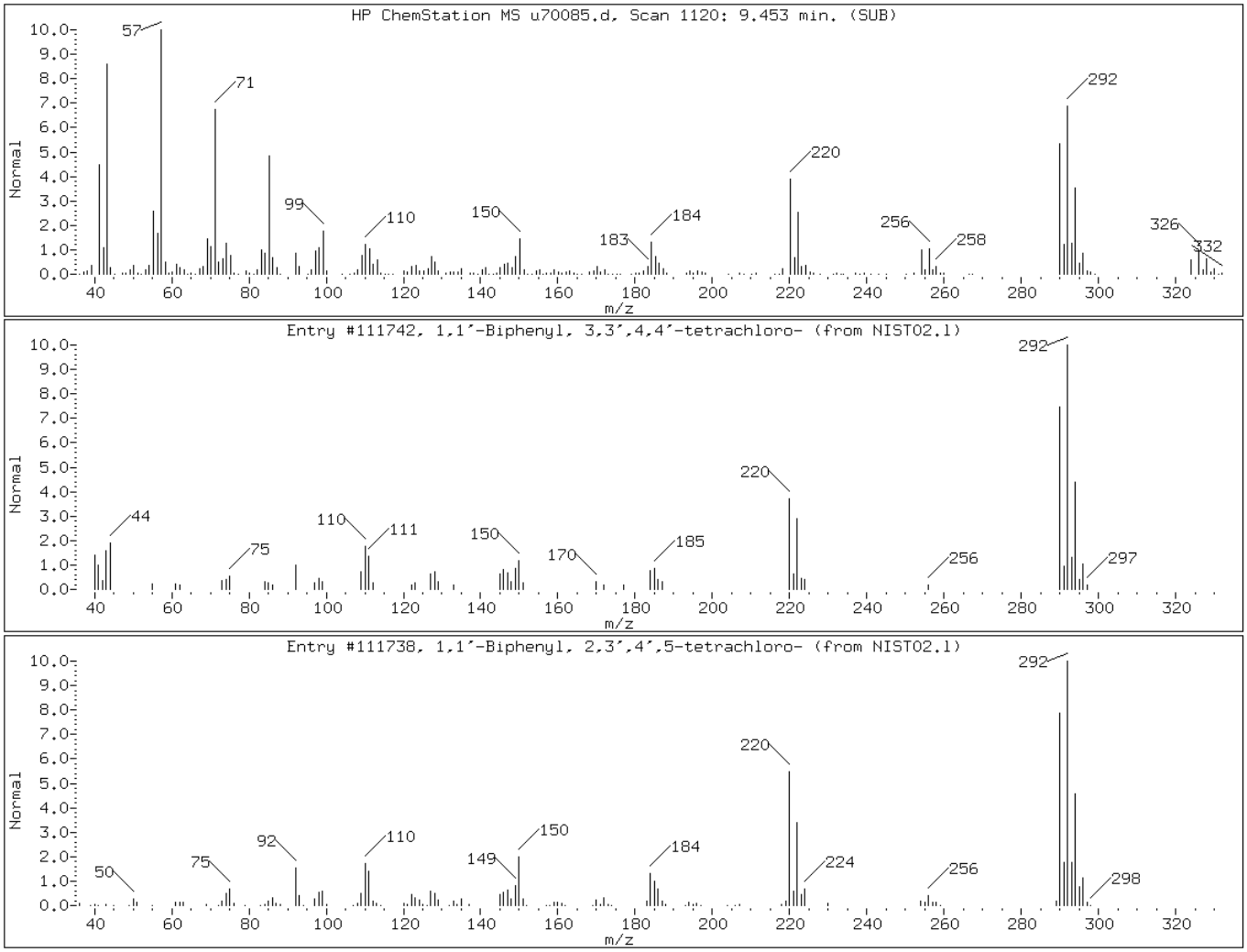
Date: 14-SEP-2011 08:05

Client ID: PMP-24-SI-S (10.5-1 Instrument: BNAMS4.i

Sample Info: 460-30837-F-7-B Operator: BNAMS 4

Retention Time: 9.45

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	111742	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3',4',5-tetrachlo	32598-11-1	NIST02.l	111738	99	C12H6Cl4	290



Data File: u70085.d

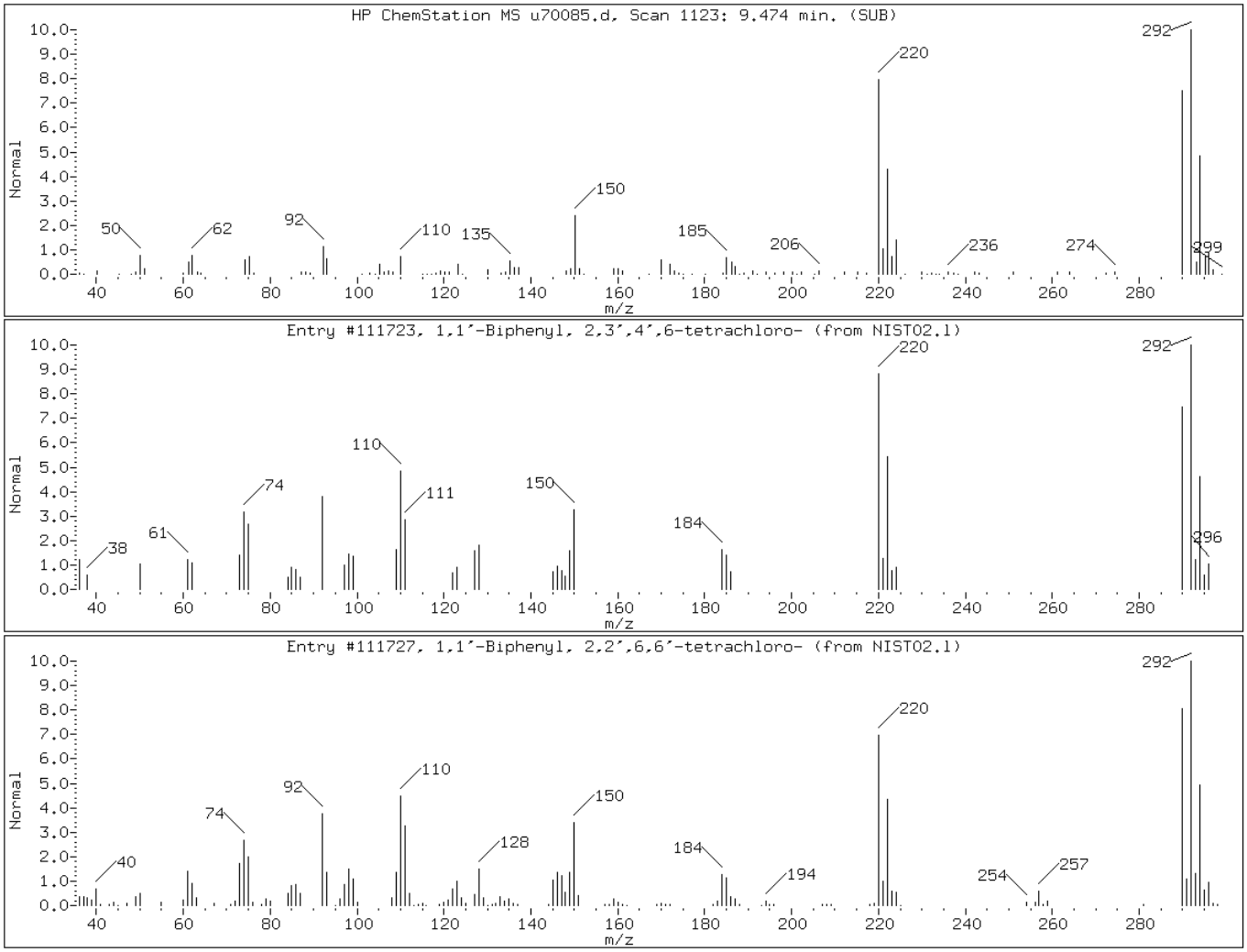
Date: 14-SEP-2011 08:05

Client ID: PMP-24-SI-S (10.5-1 Instrument: BNAMS4.i

Sample Info: 460-30837-F-7-B Operator: BNAMS 4

Retention Time: 9.47

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-6						
1,1'-Biphenyl, 2,3',4',6-tetrachlo	41464-46-4	NIST02.l	111723	95	C12H6Cl4	290
1,1'-Biphenyl, 2,2',6,6'-tetrachlo	15968-05-5	NIST02.l	111727	94	C12H6Cl4	290



Data File: u70085.d

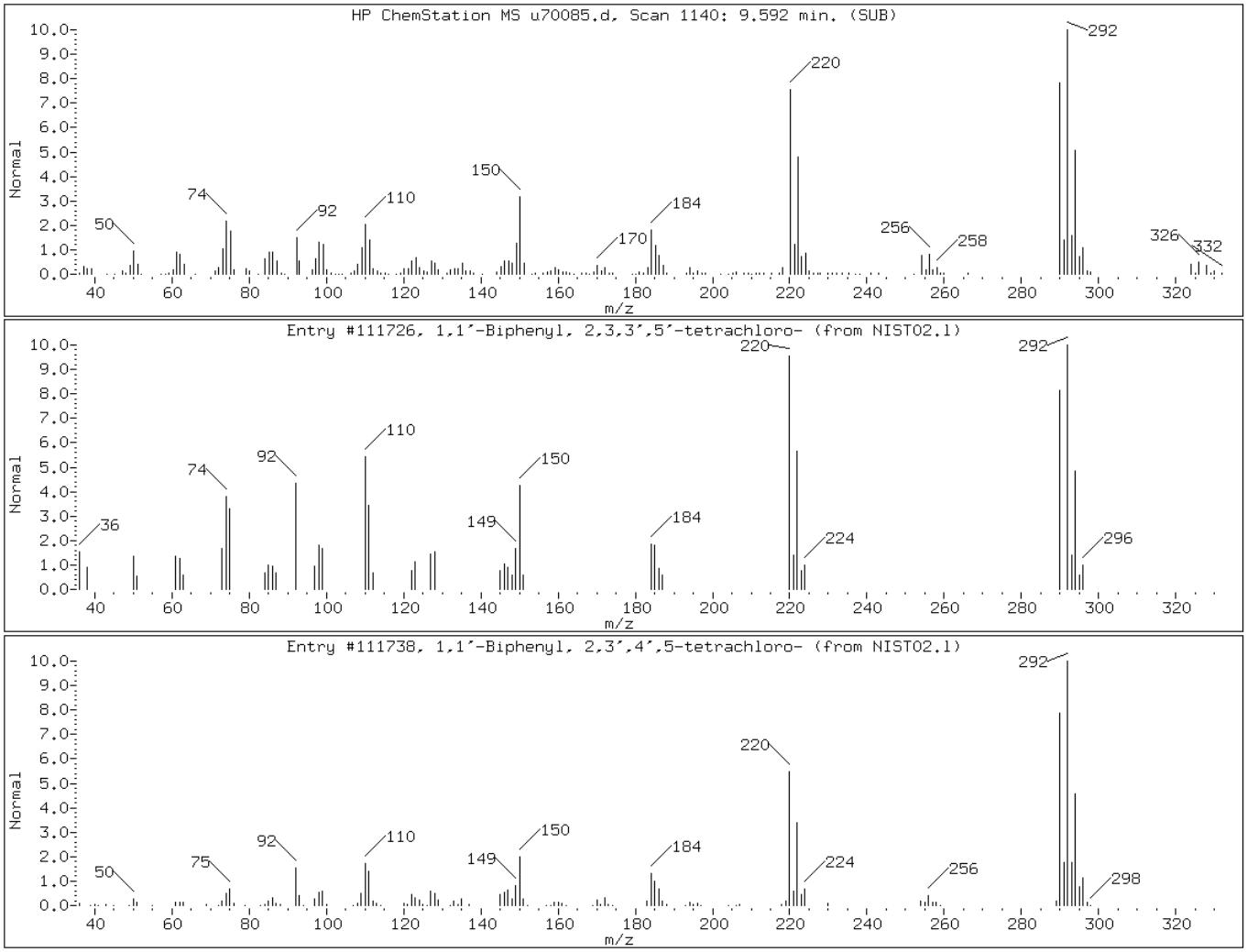
Date: 14-SEP-2011 08:05

Client ID: PMP-24-SI-S (10.5-1 Instrument: BNAMS4.i

Sample Info: 460-30837-F-7-B Operator: BNAMS 4

Retention Time: 9.59

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-7						
1,1'-Biphenyl, 2,3,3',5'-tetrachlo	41464-49-7	NIST02.l	111726	98	C12H6Cl4	290
1,1'-Biphenyl, 2,3',4',5-tetrachlo	32598-11-1	NIST02.l	111738	98	C12H6Cl4	290



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-22-VS-S (1.5-2.0) | Lab Sample ID: 460-30837-8

Matrix: Solid | Lab File ID: p19380.d

Analysis Method: 8270C | Date Collected: 09/08/2011 17:25

Extract. Method: 3541 | Date Extracted: 09/16/2011 07:35

Sample wt/vol: 15.03(g) | Date Analyzed: 09/18/2011 05:42

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86671 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	350	U	350	43
95-57-8	2-Chlorophenol	350	U	350	47
95-48-7	2-Methylphenol	350	U	350	50
106-44-5	4-Methylphenol	350	U	350	57
100-52-7	Benzaldehyde	350	U	350	22
98-86-2	Acetophenone	350	U	350	52
111-44-4	Bis(2-chloroethyl)ether	35	U	35	7.3
108-60-1	2,2'-oxybis[1-chloropropane]	350	U	350	46
621-64-7	N-Nitrosodi-n-propylamine	35	U	35	4.6
98-95-3	Nitrobenzene	35	U	35	7.8
67-72-1	Hexachloroethane	35	U	35	5.9
78-59-1	Isophorone	350	U	350	40
88-75-5	2-Nitrophenol	350	U	350	58
105-67-9	2,4-Dimethylphenol	350	U	350	56
120-83-2	2,4-Dichlorophenol	350	U	350	56
111-91-1	Bis(2-chloroethoxy)methane	350	U	350	50
91-20-3	Naphthalene	430		350	51
106-47-8	4-Chloroaniline	420		350	44
87-68-3	Hexachlorobutadiene	71	U	71	14
105-60-2	Caprolactam	350	U	350	48
59-50-7	4-Chloro-3-methylphenol	350	U	350	59
91-57-6	2-Methylnaphthalene	800		350	51
118-74-1	Hexachlorobenzene	35	U	35	4.9
77-47-4	Hexachlorocyclopentadiene	350	U	350	100
88-06-2	2,4,6-Trichlorophenol	350	U	350	63
95-95-4	2,4,5-Trichlorophenol	350	U	350	67
92-52-4	Diphenyl	110	J	350	58
91-58-7	2-Chloronaphthalene	350	U	350	49
88-74-4	2-Nitroaniline	710	U	710	96
606-20-2	2,6-Dinitrotoluene	71	U	71	8.9
131-11-3	Dimethyl phthalate	350	U	350	47
208-96-8	Acenaphthylene	350	U	350	50
99-09-2	3-Nitroaniline	710	U	710	79
83-32-9	Acenaphthene	350	U	350	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-22-VS-S (1.5-2.0) | Lab Sample ID: 460-30837-8

Matrix: Solid | Lab File ID: p19380.d

Analysis Method: 8270C | Date Collected: 09/08/2011 17:25

Extract. Method: 3541 | Date Extracted: 09/16/2011 07:35

Sample wt/vol: 15.03(g) | Date Analyzed: 09/18/2011 05:42

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86671 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1100	U	1100	90
51-28-5	2,4-Dinitrophenol	1100	U	1100	74
132-64-9	Dibenzofuran	350	U	350	53
84-66-2	Diethyl phthalate	350	U	350	47
86-73-7	Fluorene	350	U	350	59
206-44-0	Fluoranthene	350	U	350	58
84-74-2	Di-n-butyl phthalate	350	U	350	54
121-14-2	2,4-Dinitrotoluene	71	U	71	10
7005-72-3	4-Chlorophenyl phenyl ether	350	U	350	60
100-01-6	4-Nitroaniline	710	U	710	72
534-52-1	4,6-Dinitro-2-methylphenol	1100	U	1100	170
101-55-3	4-Bromophenyl phenyl ether	350	U	350	62
1912-24-9	Atrazine	350	U	350	65
120-12-7	Anthracene	350	U	350	62
86-74-8	Carbazole	350	U	350	56
85-01-8	Phenanthrene	350	U	350	61
87-86-5	Pentachlorophenol	1100	U	1100	170
129-00-0	Pyrene	350	U	350	61
218-01-9	Chrysene	350	U	350	51
207-08-9	Benzo[k]fluoranthene	35	U	35	4.9
191-24-2	Benzo[g,h,i]perylene	350	U	350	37
205-99-2	Benzo[b]fluoranthene	35	U	35	5.2
50-32-8	Benzo[a]pyrene	35	U	35	4.3
56-55-3	Benzo[a]anthracene	35	U	35	6.5
86-30-6	N-Nitrosodiphenylamine	350	U	350	57
85-68-7	Butyl benzyl phthalate	350	U	350	41
117-81-7	Bis(2-ethylhexyl) phthalate	350	U	350	46
117-84-0	Di-n-octyl phthalate	350	U	350	42
193-39-5	Indeno[1,2,3-cd]pyrene	35	U	35	5.6
53-70-3	Dibenz(a,h)anthracene	35	U	35	4.2
91-94-1	3,3'-Dichlorobenzidine	710	U	710	77
95-94-3	1,2,4,5-Tetrachlorobenzene	350	U	350	47
58-90-2	2,3,4,6-Tetrachlorophenol	350	U	350	70

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-22-VS-S (1.5-2.0) Lab Sample ID: 460-30837-8

Matrix: Solid Lab File ID: p19380.d

Analysis Method: 8270C Date Collected: 09/08/2011 17:25

Extract. Method: 3541 Date Extracted: 09/16/2011 07:35

Sample wt/vol: 15.03(g) Date Analyzed: 09/18/2011 05:42

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 5.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86671 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	95		38-105
4165-62-2	Phenol-d5	79		41-118
1718-51-0	Terphenyl-d14	94		16-151
118-79-6	2,4,6-Tribromophenol	67		10-120
367-12-4	2-Fluorophenol	83		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.: 460-30837-1

SDG No.:

Client Sample ID: PMP-22-VS-S (1.5-2.0) | Lab Sample ID: 460-30837-8

Matrix: Solid | Lab File ID: p19380.d

Analysis Method: 8270C | Date Collected: 09/08/2011 17:25

Extract. Method: 3541 | Date Extracted: 09/16/2011 07:35

Sample wt/vol: 15.03(g) | Date Analyzed: 09/18/2011 05:42

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86671 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 71900

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Chloroaniline isomer	5.38	2100	J
88-73-3	Benzene, 1-chloro-2-nitro-	6.20	9800	J N
	Unknown Alkane-2	6.49	1800	J
	Unknown Alkane-3	7.06	3800	J
	Unknown Alkane-4	7.38	2200	J
	Unknown Alkane-5	7.59	3800	J
	Unknown Alkane-6	8.09	2800	J
	Dichloro-1,1-biphenyl isomer-1	8.27	3300	J
	Unknown Alkane-7	8.55	3000	J
	Dichloro-1,1-biphenyl isomer-2	8.66	5200	J
593-45-3	n-Octadecane	8.99	2200	
	Trichloro-1,1-biphenyl isomer-1	9.03	6900	J
	Unknown	9.05	1900	J
	Trichloro-1,1-biphenyl isomer-2	9.19	3200	J
	Trichloro-1,1-biphenyl isomer-3	9.43	8900	J
	Trichloro-1,1-biphenyl isomer-	9.51	3500	J
	Tetrachloro-1,1-biphenyl isomer-1	9.70	1800	J
	Tetrachloro-1,1-biphenyl isomer-2	9.86	1900	J
	Tetrachloro-1,1-biphenyl isomer-3	10.19	2100	J
	Tetrachloro-1,1-biphenyl isomer-4	10.21	1700	J

Data File: /chem/BNAMS10.i/8270/09-17-11/18sep11.b/p19380.d
Report Date: 20-Sep-2011 13:57

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/09-17-11/18sep11.b/p19380.d
Lab Smp Id: 460-30837-F-8-C Client Smp ID: PMP-22-VS-S (1.5-2.
Inj Date : 18-SEP-2011 05:42
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-30837-F-8-C
Misc Info : 460-30837-F-8-C
Comment   :
Method   : /chem/BNAMS10.i/8270/09-17-11/18sep11.b/8270C_08SP.m
Meth Date : 18-Sep-2011 06:59 asfawa Quant Type: ISTD
Cal Date : 17-SEP-2011 05:31 Cal File: p19351.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	15.03000	Weight of sample extracted (g)
M	5.65371	% 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	3.030	(0.690)	1373263	82.9446	5800
$	17 Phenol-d5 (SUR)	99	4.070	4.070	(0.914)	1633028	79.2877	5600
	113 n-decane	43	4.299	4.305	(0.966)	53161	3.75646	260(a)
*	79 1,4-Dichlorobenzene-d4	152	4.452	4.452	(1.000)	537216	40.0000	
	23 1,2-Dichlorobenzene	146	4.634	4.640	(1.041)	20365	1.03852	73(a)
$	76 Nitrobenzene-d5 (SUR)	82	5.051	5.057	(0.869)	852956	47.3067	3300
	30 1,2,4-Trichlorobenzene	180	5.762	5.762	(0.991)	105832	7.21422	510
*	80 Naphthalene-d8	136	5.815	5.815	(1.000)	1536796	40.0000	
	31 Naphthalene	128	5.833	5.839	(1.003)	241054	6.08079	430
	32 4-Chloroaniline	127	5.903	5.903	(1.015)	85684	6.02594	420
	34 2-Methylnaphthalene	142	6.556	6.561	(1.127)	297435	11.3195	800
	120 1-Methylnaphthalene	142	6.655	6.661	(1.144)	140769	5.23878	370(a)
$	77 2-Fluorobiphenyl (SUR)	172	6.937	6.943	(0.912)	1143298	49.1210	3500

Data File: /chem/BNAMS10.i/8270/09-17-11/18sep11.b/p19380.d
Report Date: 20-Sep-2011 13:57

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	102 Diphenyl	154	7.031	7.037	(0.924)	41205	1.62714	110(a)
	103 Diphenyl Ether	170	7.143	7.149	(0.939)	5159	0.35745	25(a)
	125 1,3-Dimethylnaphthalene	156	7.272	7.278	(0.956)	114426	6.87782	480
*	82 Acenaphthene-d10	164	7.607	7.607	(1.000)	675634	40.0000	
	42 Acenaphthene	154	7.637	7.642	(1.004)	7425	0.40791	29(a)
	47 Fluorene	166	8.148	8.154	(1.071)	7377	0.34123	24(a)
$	18 2,4,6-Tribromophenol (SUR)	330	8.389	8.395	(1.103)	204794	67.0378	4700
	115 n-Octadecane	57	8.994	8.994	(0.991)	254096	31.7313	2200
*	83 Phenanthrene-d10	188	9.076	9.076	(1.000)	783458	40.0000	
	52 Phenanthrene	178	9.094	9.100	(1.002)	17830	0.82018	58(a)
$	78 Terphenyl-d14	244	10.645	10.645	(0.904)	622887	46.7738	3300
*	81 Chrysene-d12	240	11.779	11.785	(1.000)	495066	40.0000	
*	84 Perylene-d12	264	13.636	13.641	(1.000)	400675	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS10.i/8270/09-17-11/18sep11.b/p19380.d
Report Date: 20-Sep-2011 13:57

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/09-17-11/18sep11.b/p19380.d
Lab Smp Id: 460-30837-F-8-C Client Smp ID: PMP-22-VS-S (1.5-2.
Inj Date : 18-SEP-2011 05:42
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-30837-F-8-C
Misc Info : 460-30837-F-8-C
Comment   :
Method   : /chem/BNAMS10.i/8270/09-17-11/18sep11.b/8270C_08SP.m
Meth Date : 18-Sep-2011 06:59 asfawa Quant Type: ISTD
Cal Date : 17-SEP-2011 05:31 Cal File: p19351.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	15.03000	Weight of sample extracted (g)
M	5.65371	% Moisture

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 80 Naphthalene-d8	5.815	4239440	40.000
* 82 Acenaphthene-d10	7.607	3145331	40.000
* 83 Phenanthrene-d10	9.076	3810089	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Chloroaniline isomer				CAS #:			
5.380	3198765	30.1810163	2100	96	NIST02.l	11366	80(L)

Data File: /chem/BNAMS10.i/8270/09-17-11/18sep11.b/p19380.d
Report Date: 20-Sep-2011 13:57

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane-1				CAS #:			
5.851	2404767	22.6894802	1600	0		0	80
Benzene, 1-chloro-2-nitro-				CAS #: 88-73-3			
6.197	14754503	139.211797	9800	98	NIST02.l	27935	80
Unknown Alkane-2				CAS #:			
6.485	2750479	25.9513377	1800	0		0	80
Unknown Alkane-3				CAS #:			
7.061	4255970	54.1242907	3800	0		0	82
Unknown Alkane-4				CAS #:			
7.384	2443782	31.0782134	2200	0		0	82
Unknown Alkane-5				CAS #:			
7.590	4232451	53.8251896	3800	0		0	82
Unknown Alkane-6				CAS #:			
8.089	3104635	39.4824586	2800	0		0	82
Dichloro-1,1-biphenyl isomer-1				CAS #:			
8.271	3716088	47.2584631	3300	0		0	82
Unknown Alkane-7				CAS #:			
8.553	4107956	43.1271380	3000	0		0	83
Dichloro-1,1-biphenyl isomer-2				CAS #:			
8.665	7013090	73.6265105	5200	0		0	83
Trichloro-1,1-biphenyl isomer-1				CAS #:			
9.029	9267609	97.2954548	6900	0		0	83
Unknown				CAS #:			
9.047	2524182	26.4999721	1900	0		0	83
Trichloro-1,1-biphenyl isomer-2				CAS #:			
9.188	4381226	45.9960450	3200	0		0	83
Trichloro-1,1-biphenyl isomer-3				CAS #:			
9.435	12011836	126.105555	8900	0		0	83
Trichloro-1,1-biphenyl isomer-				CAS #:			
9.505	4727170	49.6279191	3500	0		0	83

Data File: /chem/BNAMS10.i/8270/09-17-11/18sep11.b/p19380.d
Report Date: 20-Sep-2011 13:57

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Trichloro-1,1-biphenyl isomer-5					CAS #:		
9.570	2033483	21.3484065	1500	0		0	83
Tetrachloro-1,1-biphenyl isomer-1					CAS #:		
9.705	2478737	26.0228738	1800	0		0	83
Tetrachloro-1,1-biphenyl isomer-2					CAS #:		
9.864	2550836	26.7798017	1900	0		0	83
Tetrachloro-1,1-biphenyl isomer-3					CAS #:		
10.193	2792048	29.3121555	2100	0		0	83
Tetrachloro-1,1-biphenyl isomer-4					CAS #:		
10.210	2359352	24.7695171	1700	0		0	83

QC Flag Legend

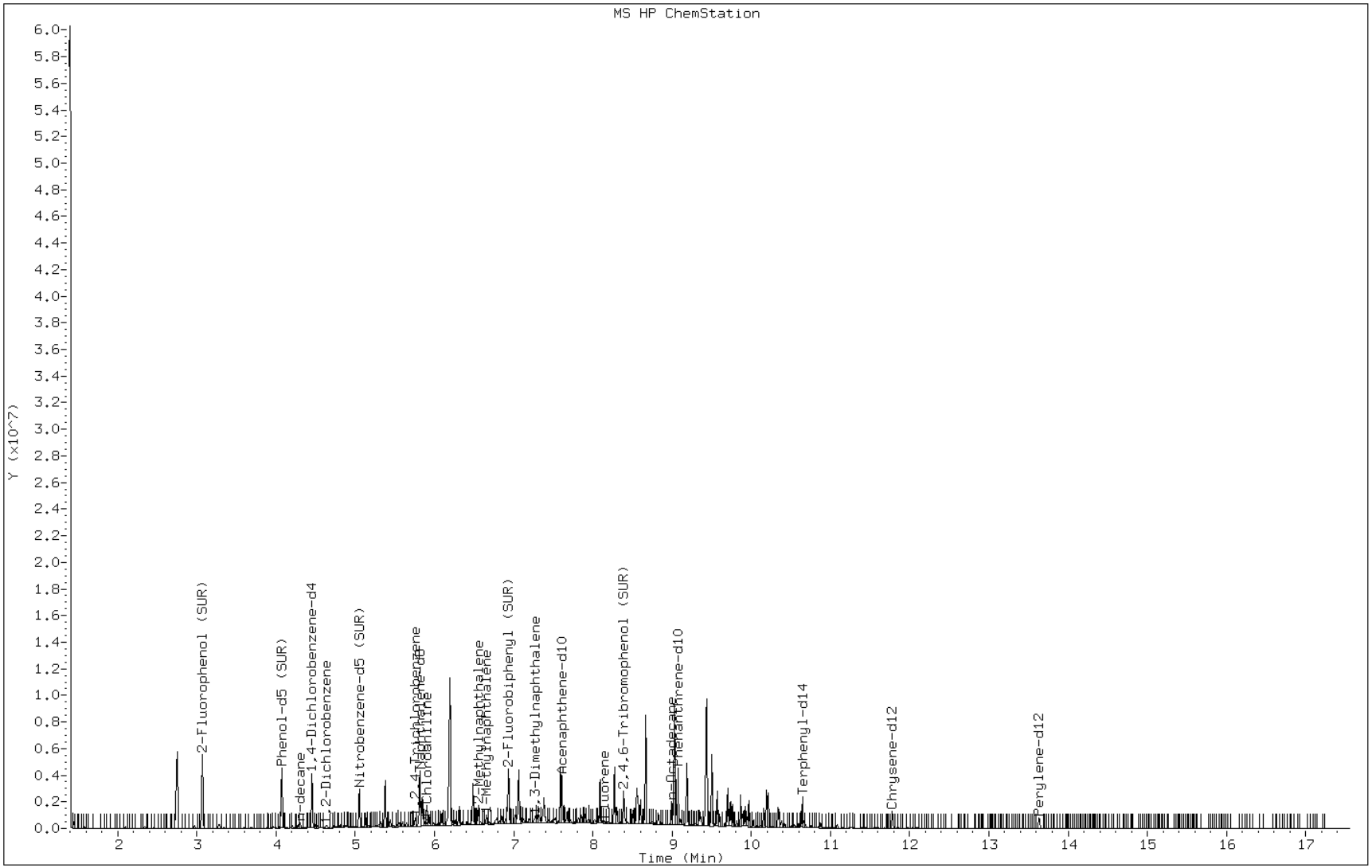
L - Operator selected an alternate library search match.

Data File: p19380.d

Date: 18-SEP-2011 05:42

Client ID: PMP-22-VS-S (1.5-2. Instrument: BNAMS10.i

Sample Info: 460-30837-F-8-C Operator: BNAMS 4



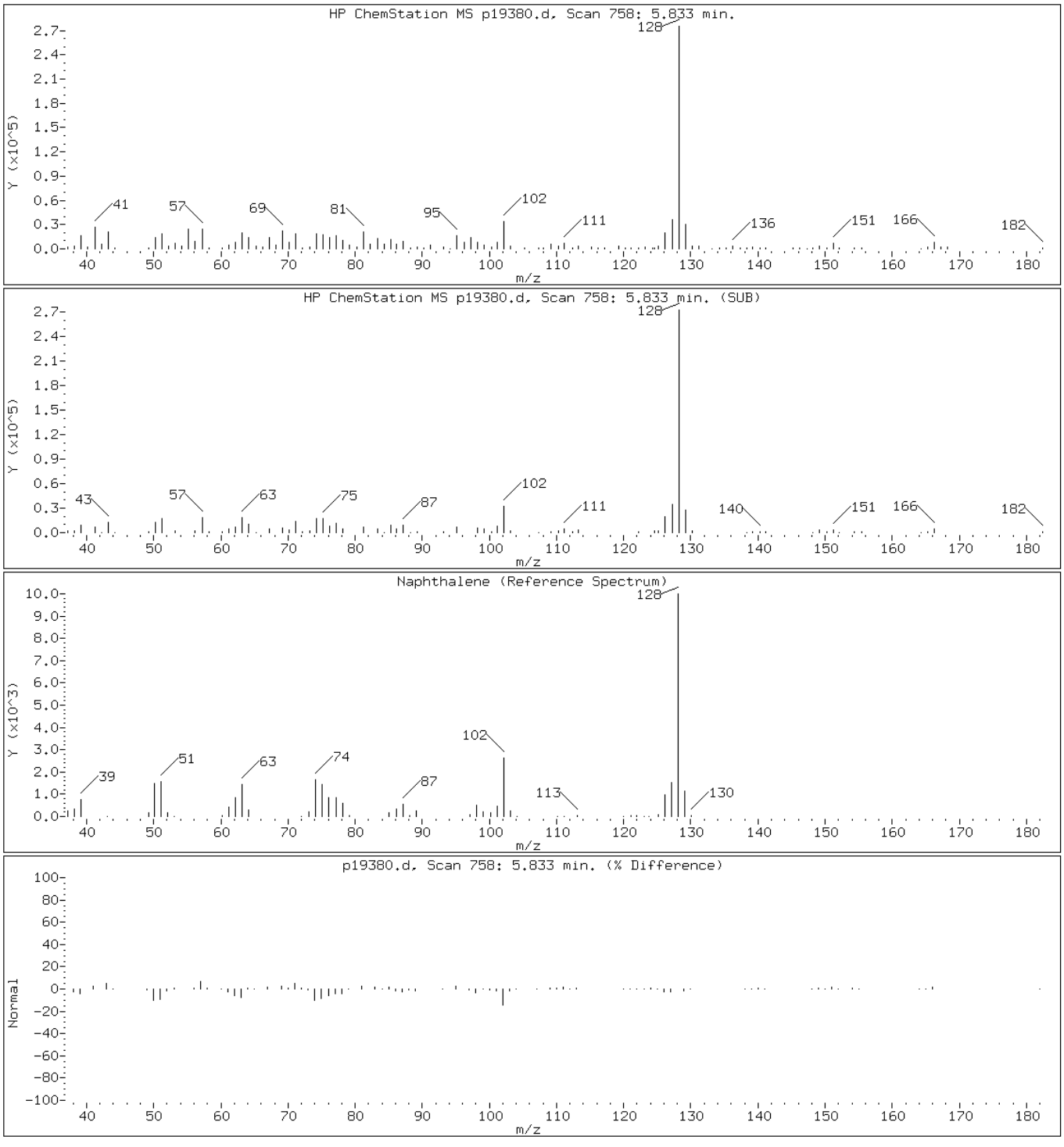
Data File: p19380.d

Date: 18-SEP-2011 05:42

Client ID: PMP-22-VS-S (1.5-2. Instrument: BNAMS10.i

Sample Info: 460-30837-F-8-C Operator: BNAMS 4

31 Naphthalene



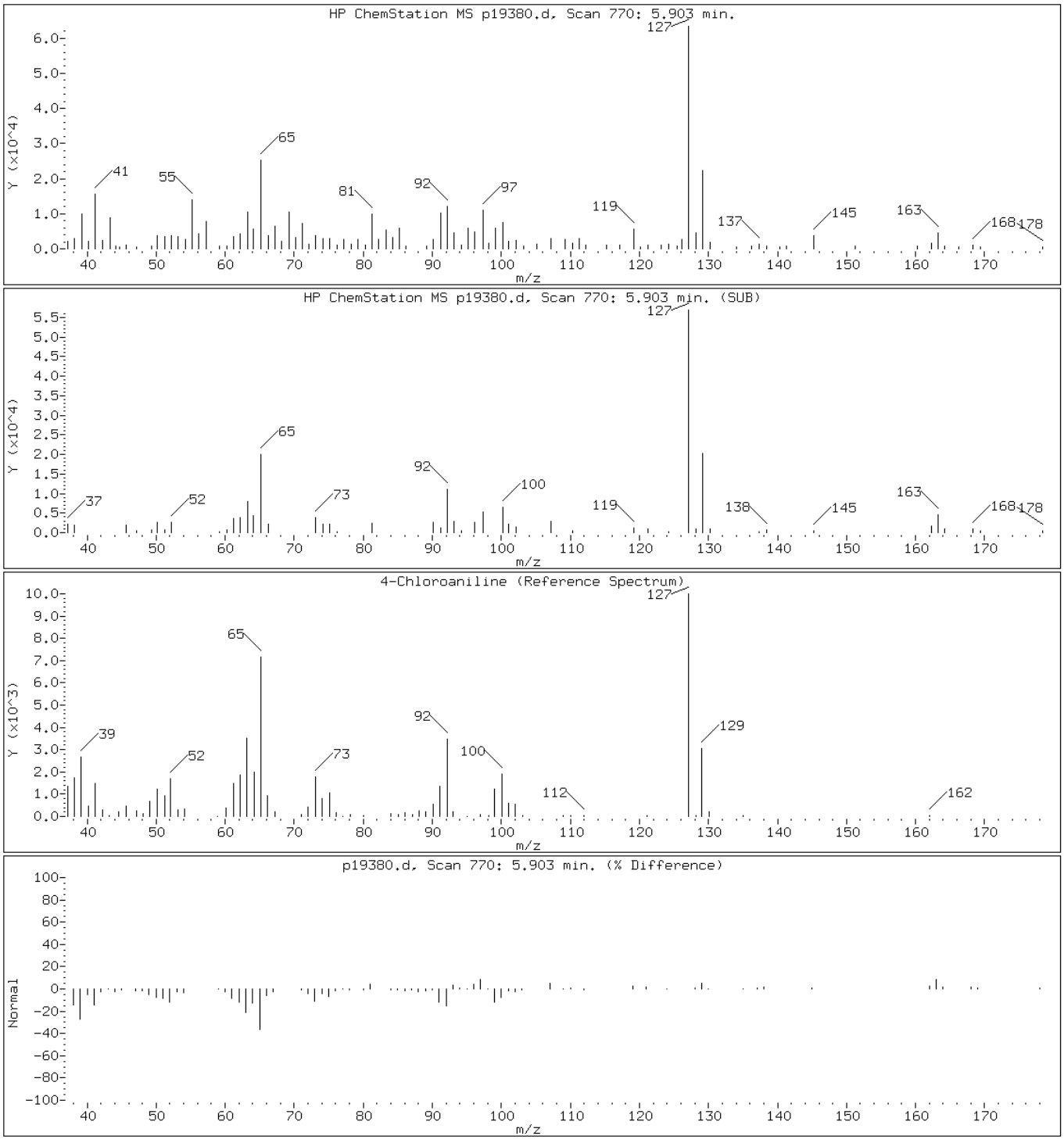
Data File: p19380.d

Date: 18-SEP-2011 05:42

Client ID: PMP-22-VS-S (1.5-2. Instrument: BNAMS10.i

Sample Info: 460-30837-F-8-C Operator: BNAMS 4

32 4-Chloroaniline



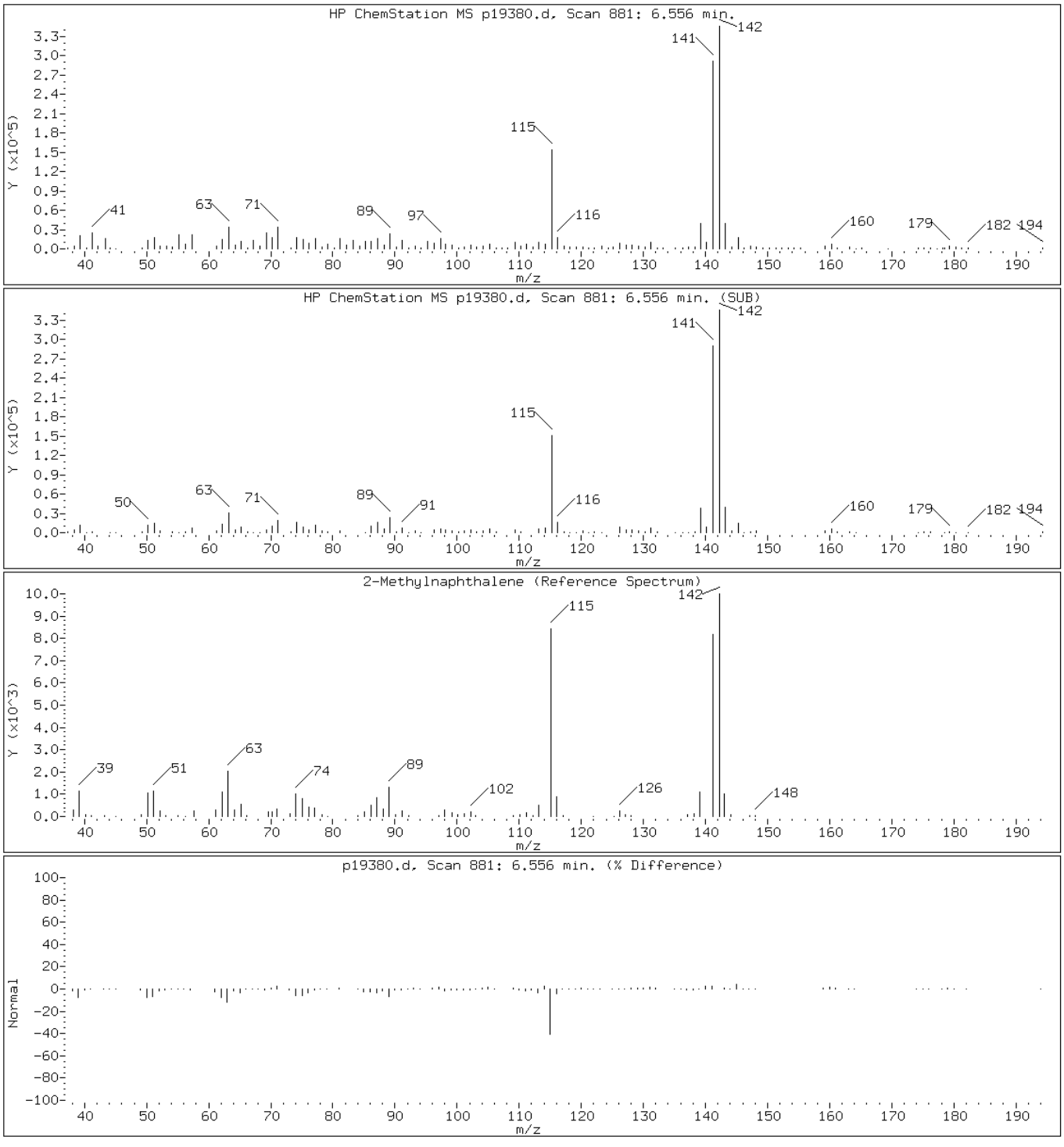
Data File: p19380.d

Date: 18-SEP-2011 05:42

Client ID: PMP-22-VS-S (1.5-2. Instrument: BNAMS10.i

Sample Info: 460-30837-F-8-C Operator: BNAMS 4

34 2-Methylnaphthalene



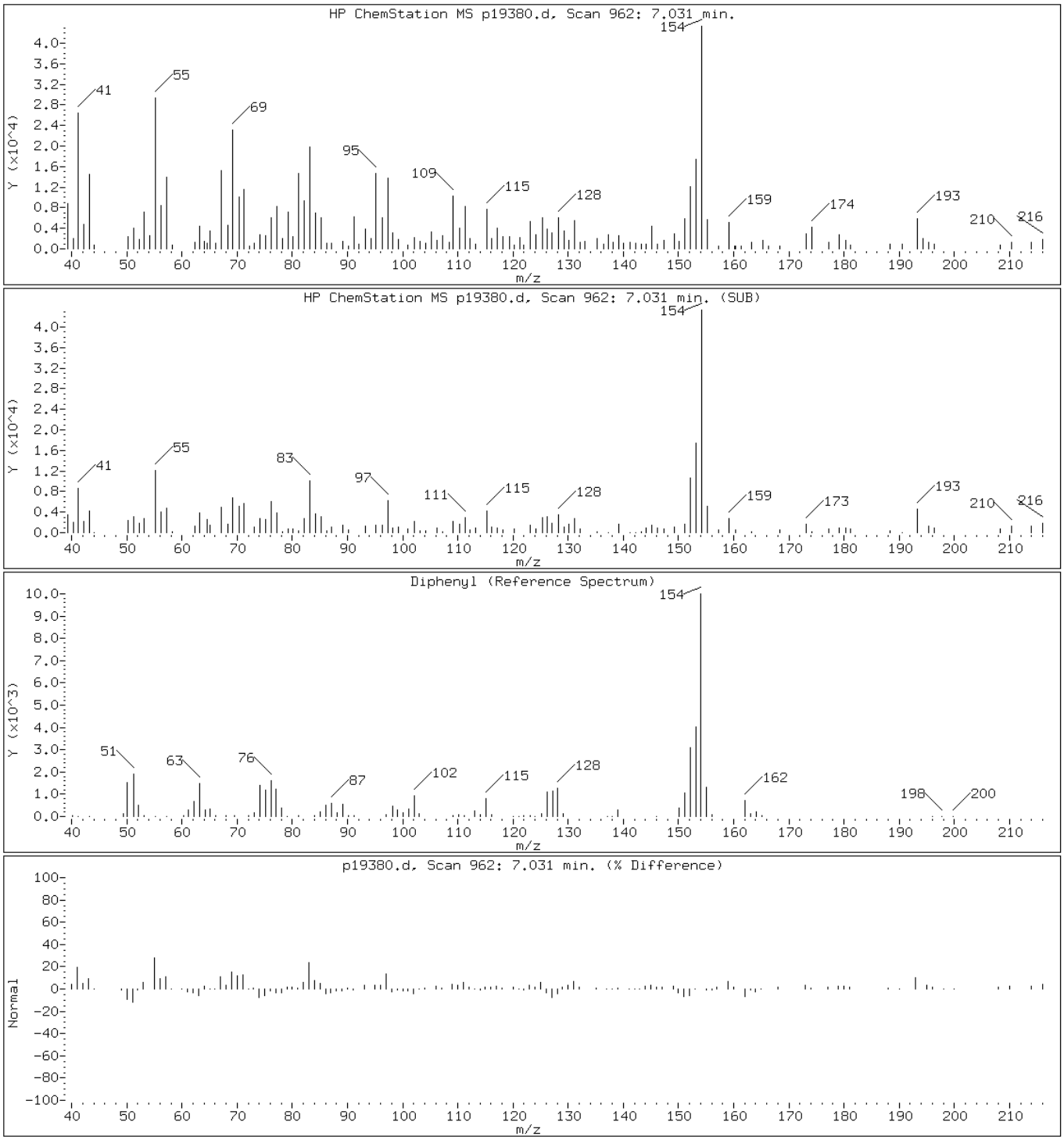
Data File: p19380.d

Date: 18-SEP-2011 05:42

Client ID: PMP-22-VS-S (1.5-2. Instrument: BNAMS10.i

Sample Info: 460-30837-F-8-C Operator: BNAMS 4

102 Diphenyl



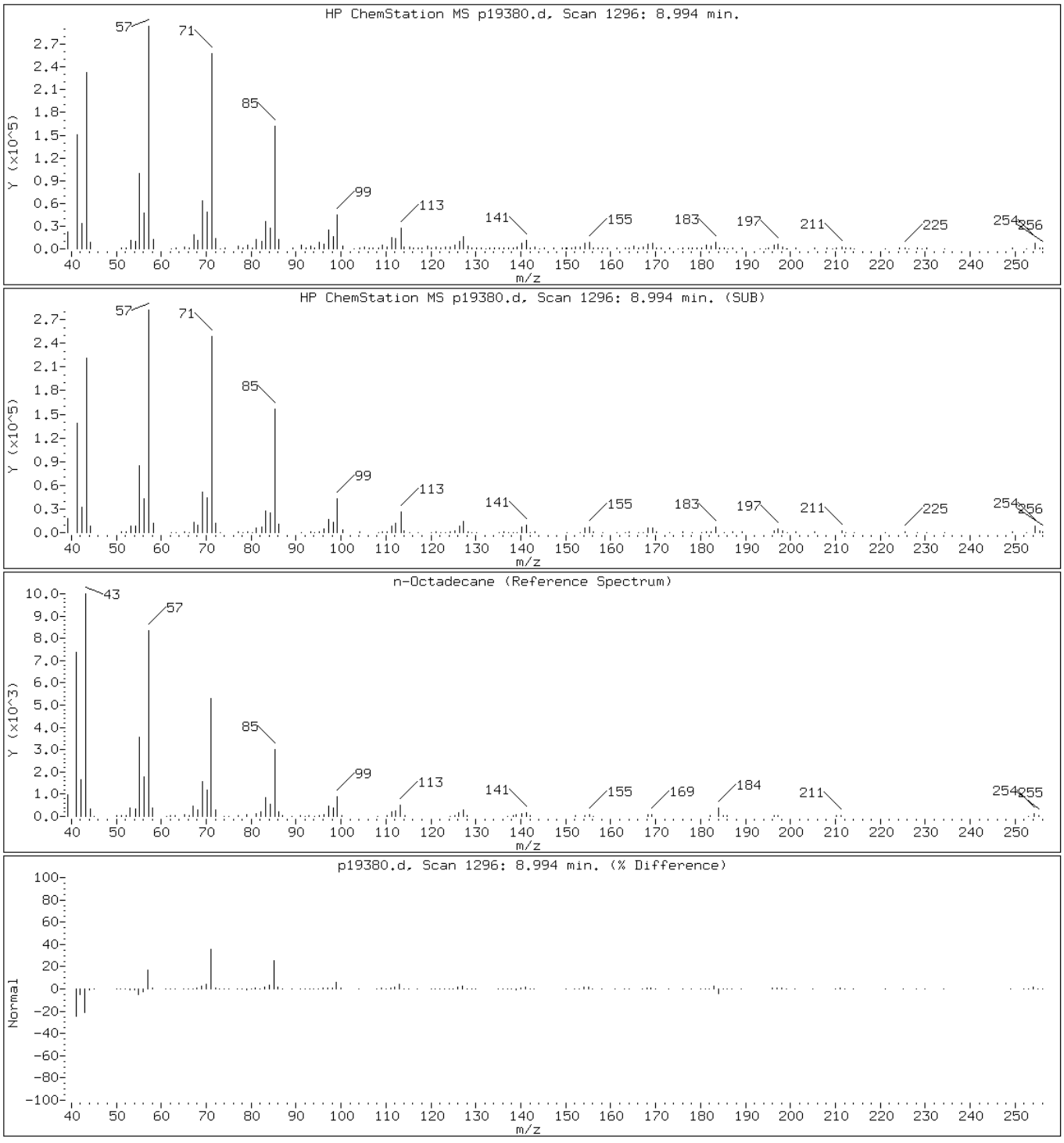
Data File: p19380.d

Date: 18-SEP-2011 05:42

Client ID: PMP-22-VS-S (1.5-2. Instrument: BNAMS10.i

Sample Info: 460-30837-F-8-C Operator: BNAMS 4

115 n-Octadecane



Data File: p19380.d

Date: 18-SEP-2011 05:42

Client ID: PMP-22-VS-S (1.5-2. Instrument: BNAMS10.i

Sample Info: 460-30837-F-8-C Operator: BNAMS 4

Retention Time: 5.38

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Chloroaniline isomer		NIST02.l	11366	96	C6H6ClN	127
o-Chloroaniline	95-51-2	NIST02.l	11366	96	C6H6ClN	127
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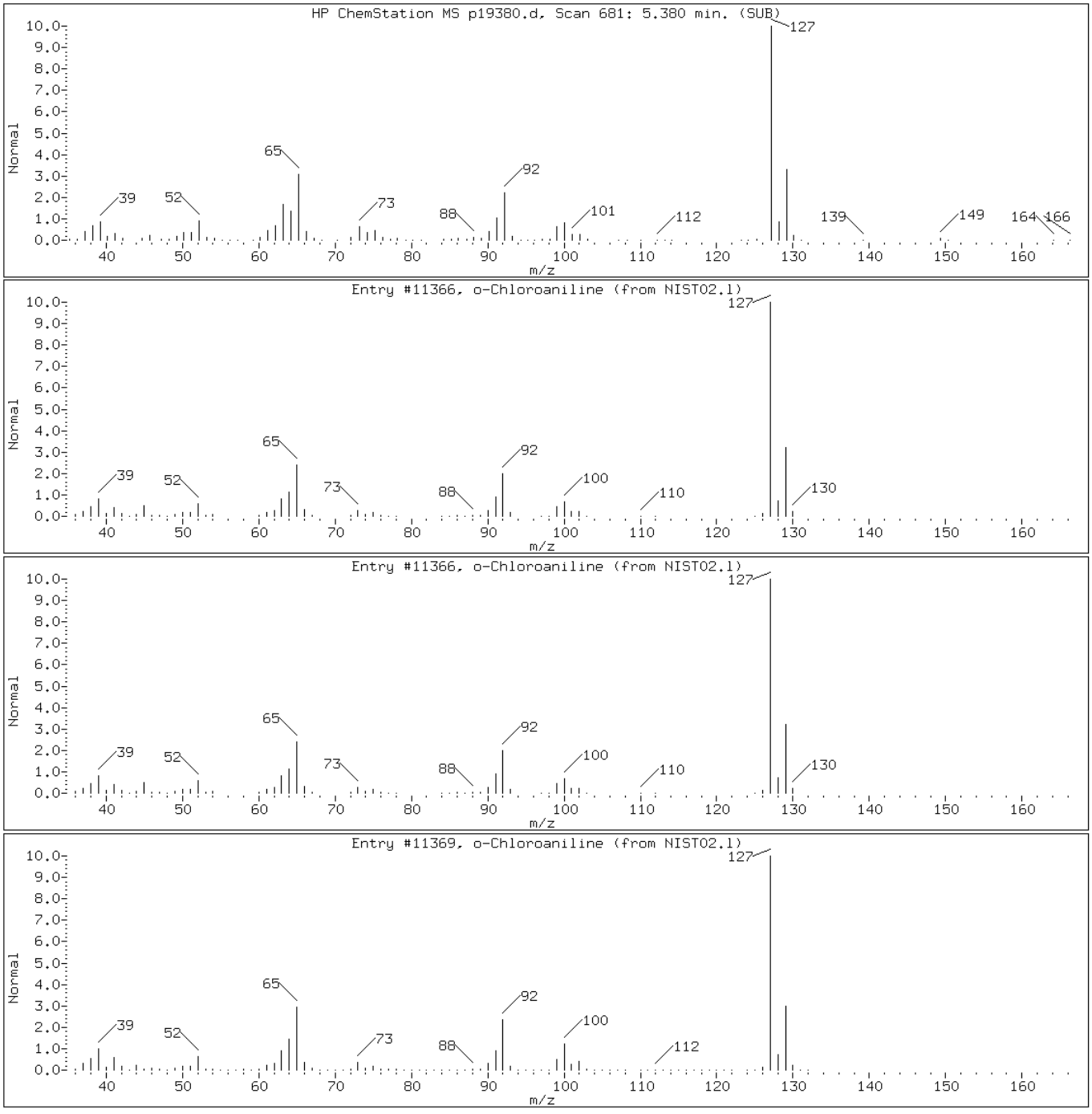


Data File: p19380.d

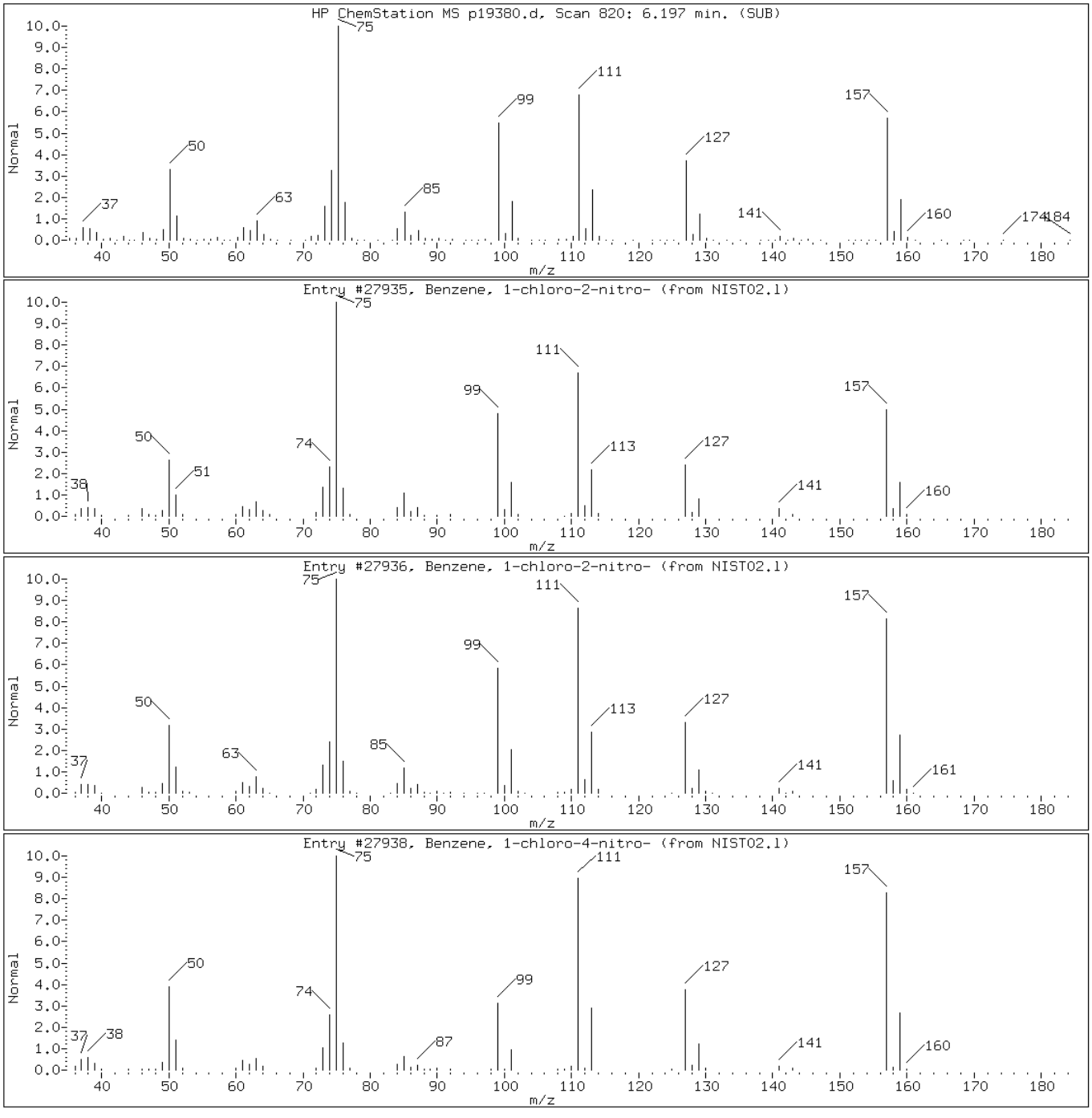
Date: 18-SEP-2011 05:42

Client ID: PMP-22-VS-S (1.5-2. Instrument: BNAMS10.i

Sample Info: 460-30837-F-8-C Operator: BNAMS 4

Retention Time: 6.20

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzene, 1-chloro-2-nitro-	88-73-3	NIST02.l	27935	98	C6H4ClNO2	157
Benzene, 1-chloro-2-nitro-	88-73-3	NIST02.l	27936	96	C6H4ClNO2	157
Benzene, 1-chloro-4-nitro-	100-00-5	NIST02.l	27938	95	C6H4ClNO2	157



Data File: p19380.d

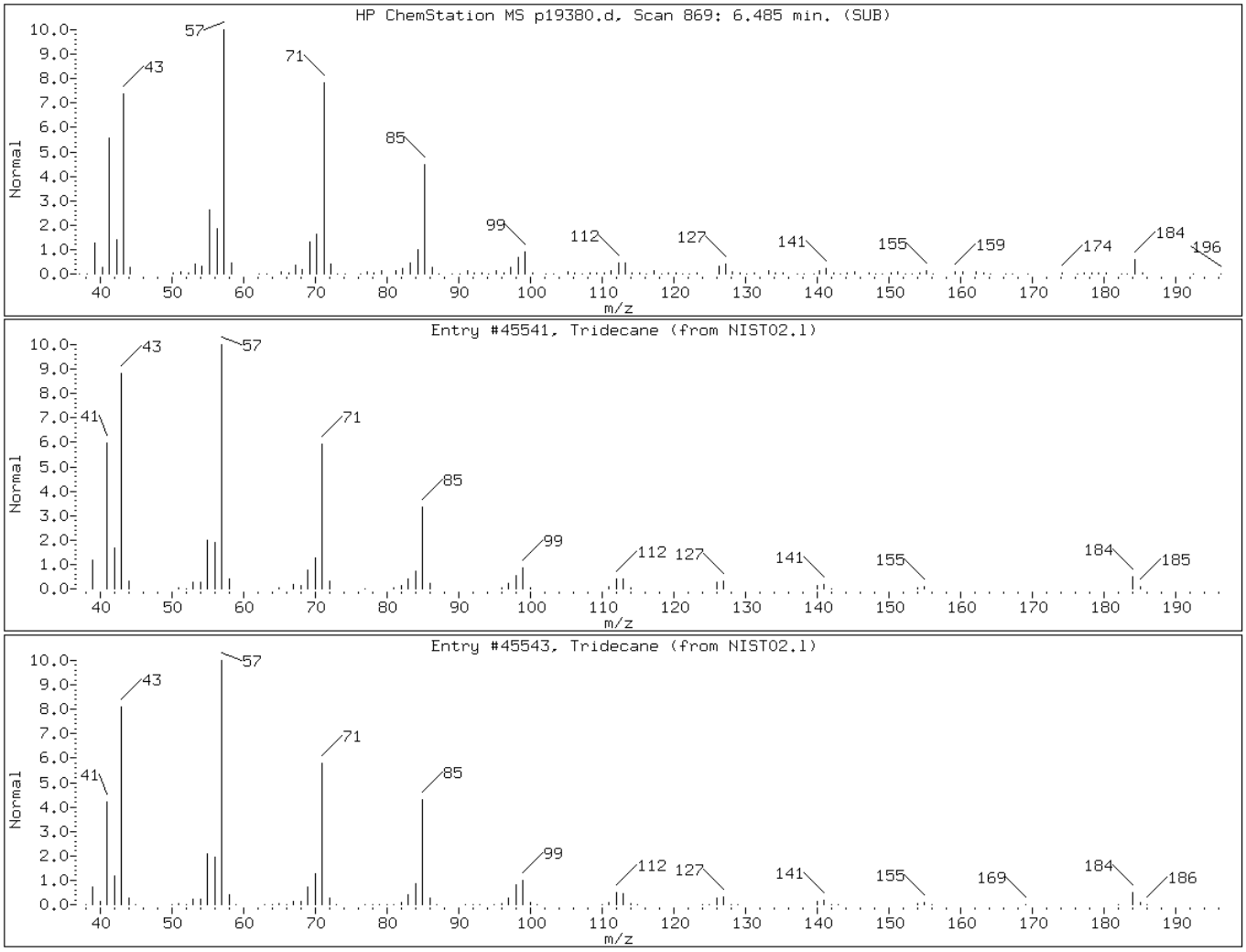
Date: 18-SEP-2011 05:42

Client ID: PMP-22-VS-S (1.5-2. Instrument: BNAMS10.i

Sample Info: 460-30837-F-8-C Operator: BNAMS 4

Retention Time: 6.49

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	45543	96	C13H28	184



Data File: p19380.d

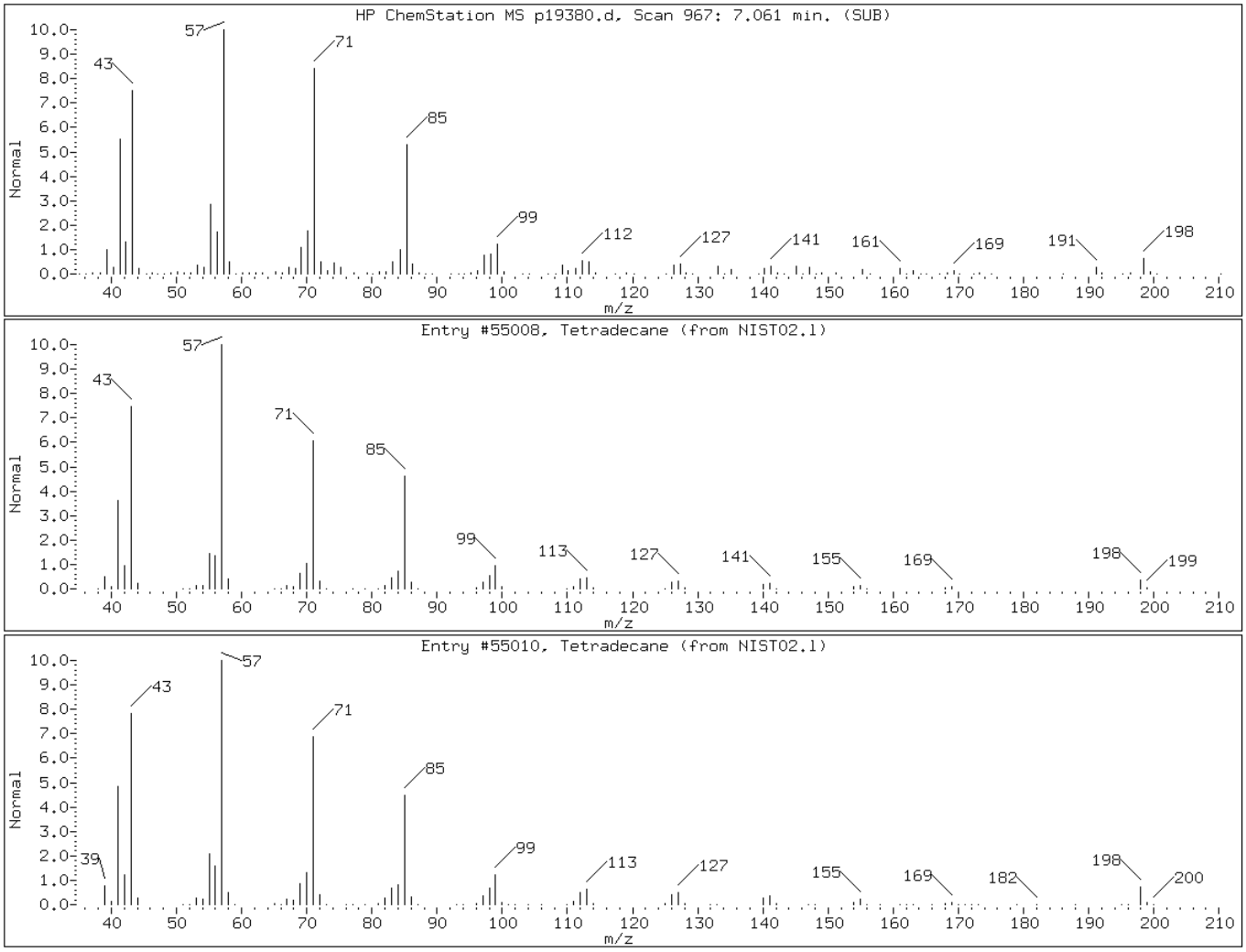
Date: 18-SEP-2011 05:42

Client ID: PMP-22-VS-S (1.5-2. Instrument: BNAMS10.i

Sample Info: 460-30837-F-8-C Operator: BNAMS 4

Retention Time: 7.06

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Tetradecane	629-59-4	NIST02.l	55008	98	C14H30	198
Tetradecane	629-59-4	NIST02.l	55010	96	C14H30	198



Data File: p19380.d

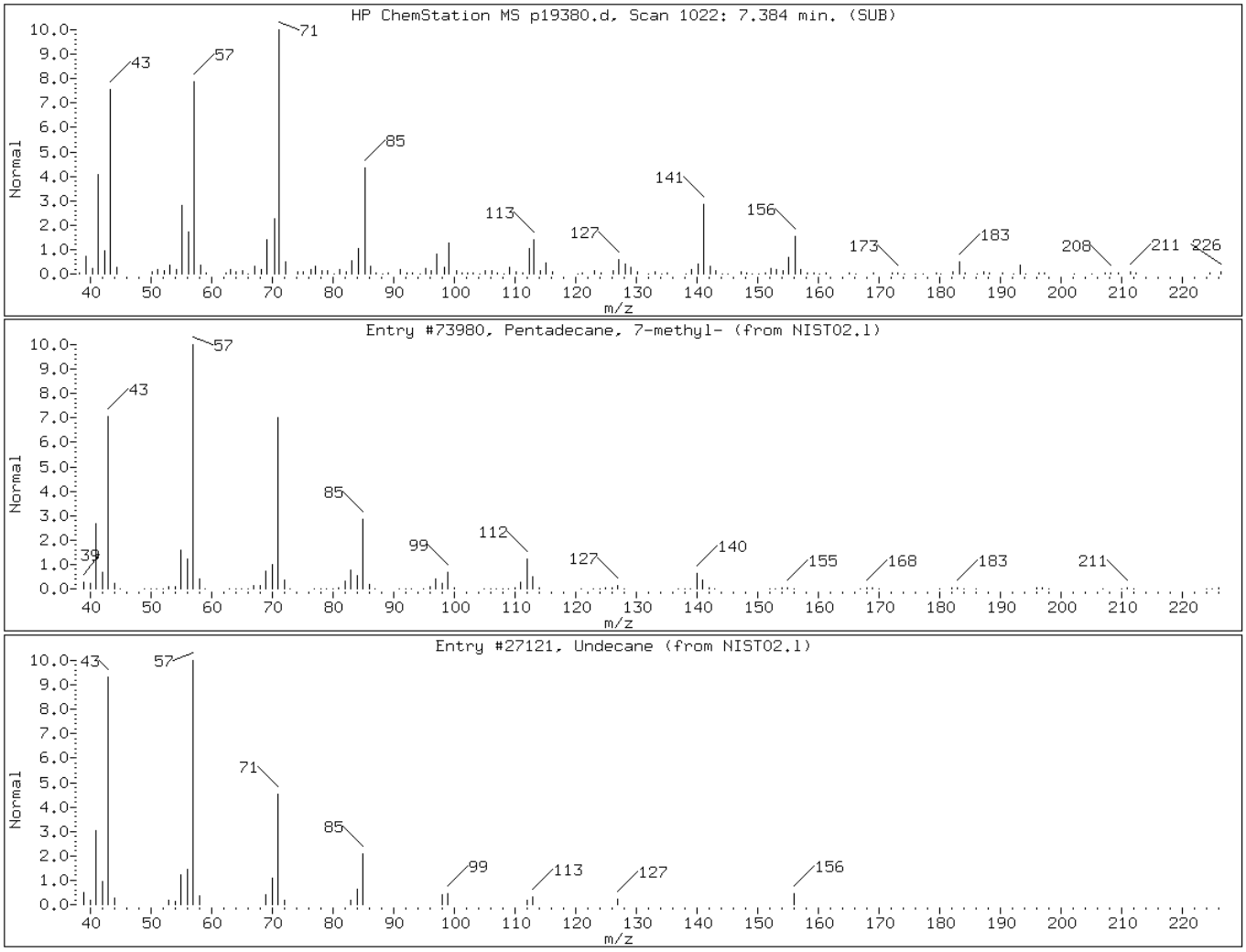
Date: 18-SEP-2011 05:42

Client ID: PMP-22-VS-S (1.5-2. Instrument: BNAMS10.i

Sample Info: 460-30837-F-8-C Operator: BNAMS 4

Retention Time: 7.38

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Pentadecane, 7-methyl-	6165-40-8	NIST02.l	73980	70	C16H34	226
Undecane	1120-21-4	NIST02.l	27121	64	C11H24	156



Data File: p19380.d

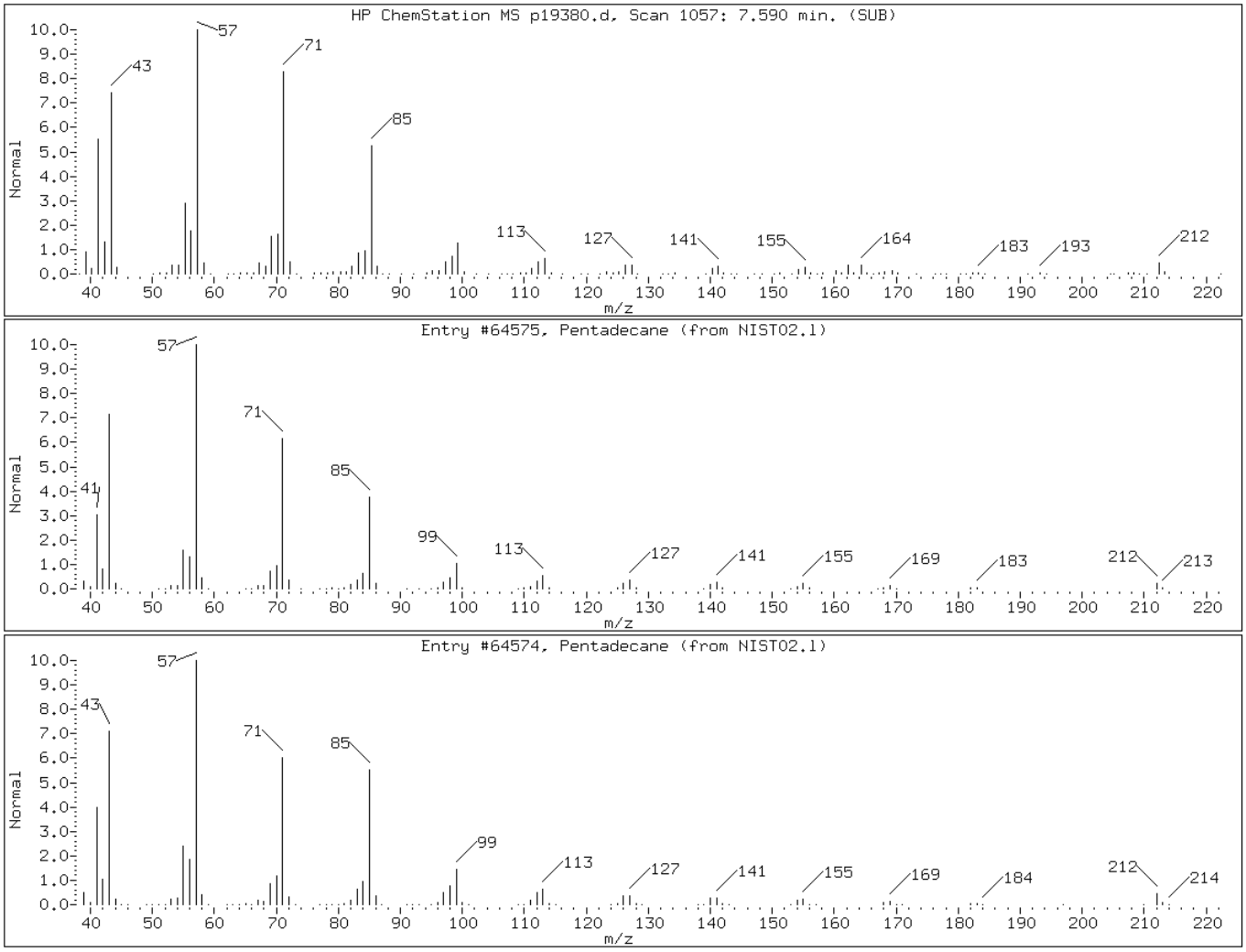
Date: 18-SEP-2011 05:42

Client ID: PMP-22-VS-S (1.5-2. Instrument: BNAMS10.i

Sample Info: 460-30837-F-8-C Operator: BNAMS 4

Retention Time: 7.59

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Pentadecane	629-62-9	NIST02.l	64575	97	C15H32	212
Pentadecane	629-62-9	NIST02.l	64574	97	C15H32	212



Data File: p19380.d

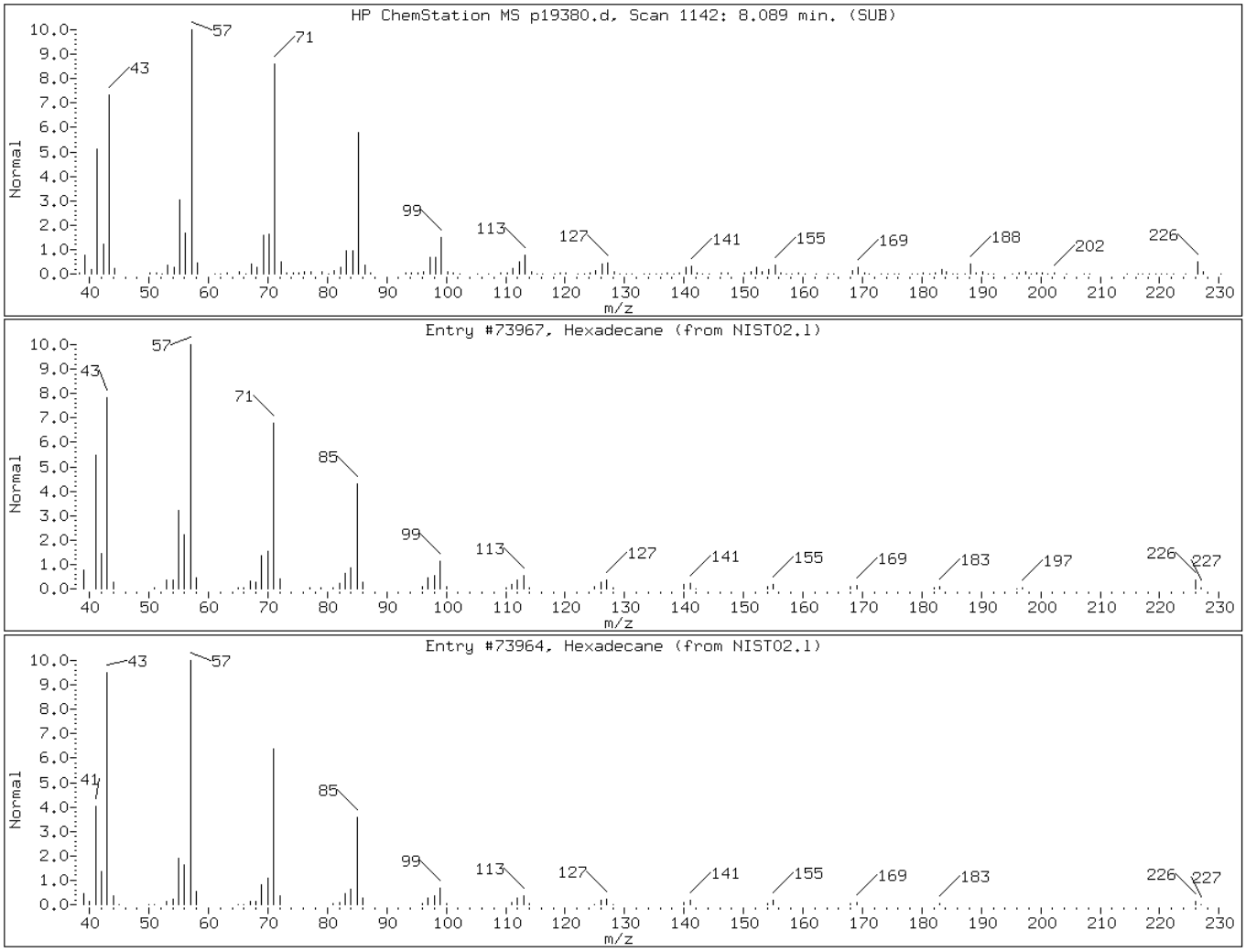
Date: 18-SEP-2011 05:42

Client ID: PMP-22-VS-S (1.5-2. Instrument: BNAMS10.i

Sample Info: 460-30837-F-8-C Operator: BNAMS 4

Retention Time: 8.09

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Hexadecane	544-76-3	NIST02.l	73967	95	C16H34	226
Hexadecane	544-76-3	NIST02.l	73964	94	C16H34	226



Data File: p19380.d

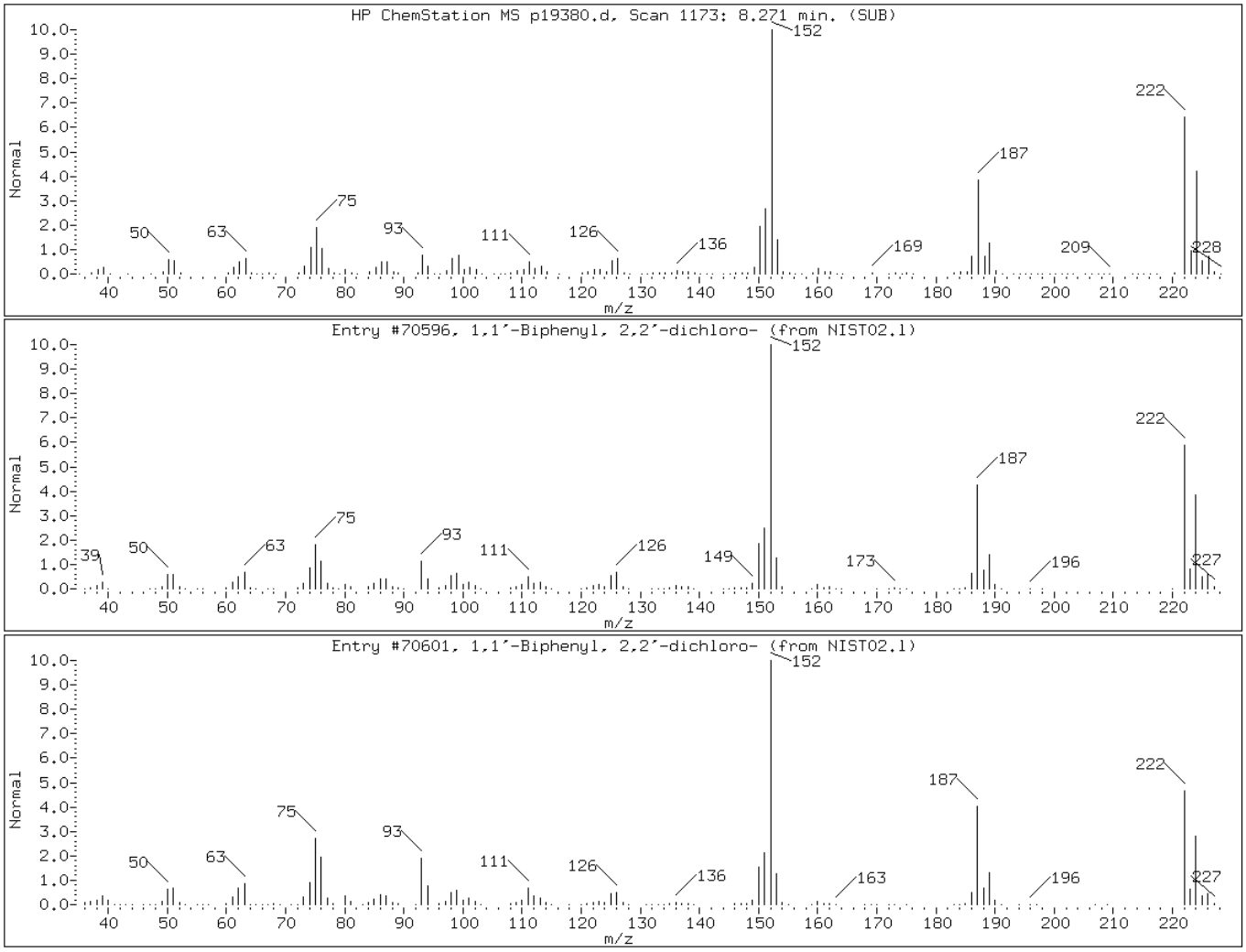
Date: 18-SEP-2011 05:42

Client ID: PMP-22-VS-S (1.5-2. Instrument: BNAMS10.i

Sample Info: 460-30837-F-8-C Operator: BNAMS 4

Retention Time: 8.27

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dichloro-1,1-biphenyl isomer-1						
1,1'-Biphenyl, 2,2'-dichloro-	13029-08-8	NIST02.l	70596	99	C12H8Cl2	222
1,1'-Biphenyl, 2,2'-dichloro-	13029-08-8	NIST02.l	70601	96	C12H8Cl2	222



Data File: p19380.d

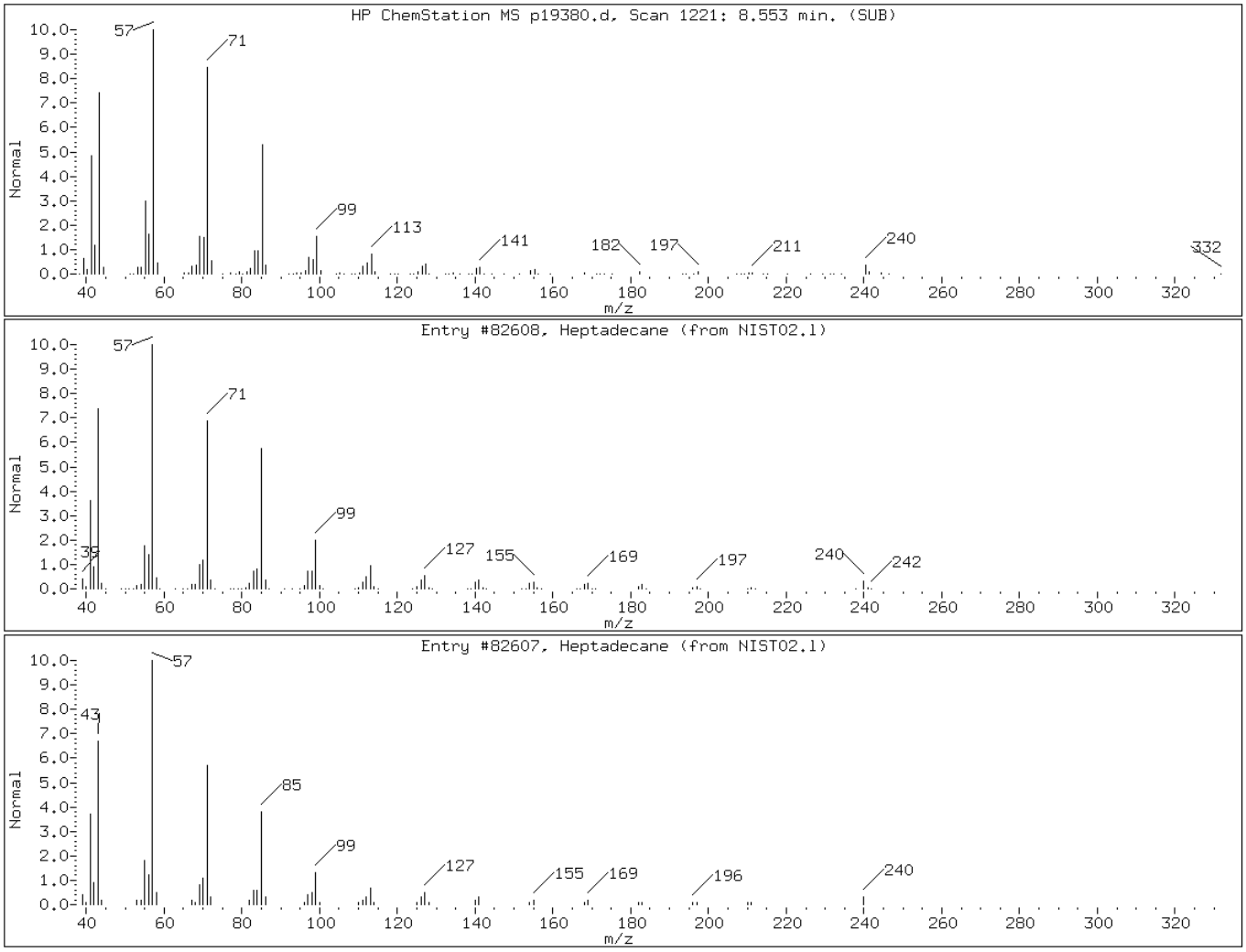
Date: 18-SEP-2011 05:42

Client ID: PMP-22-VS-S (1.5-2. Instrument: BNAMS10.i

Sample Info: 460-30837-F-8-C Operator: BNAMS 4

Retention Time: 8.55

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Heptadecane	629-78-7	NIST02.l	82608	96	C17H36	240
Heptadecane	629-78-7	NIST02.l	82607	94	C17H36	240



Data File: p19380.d

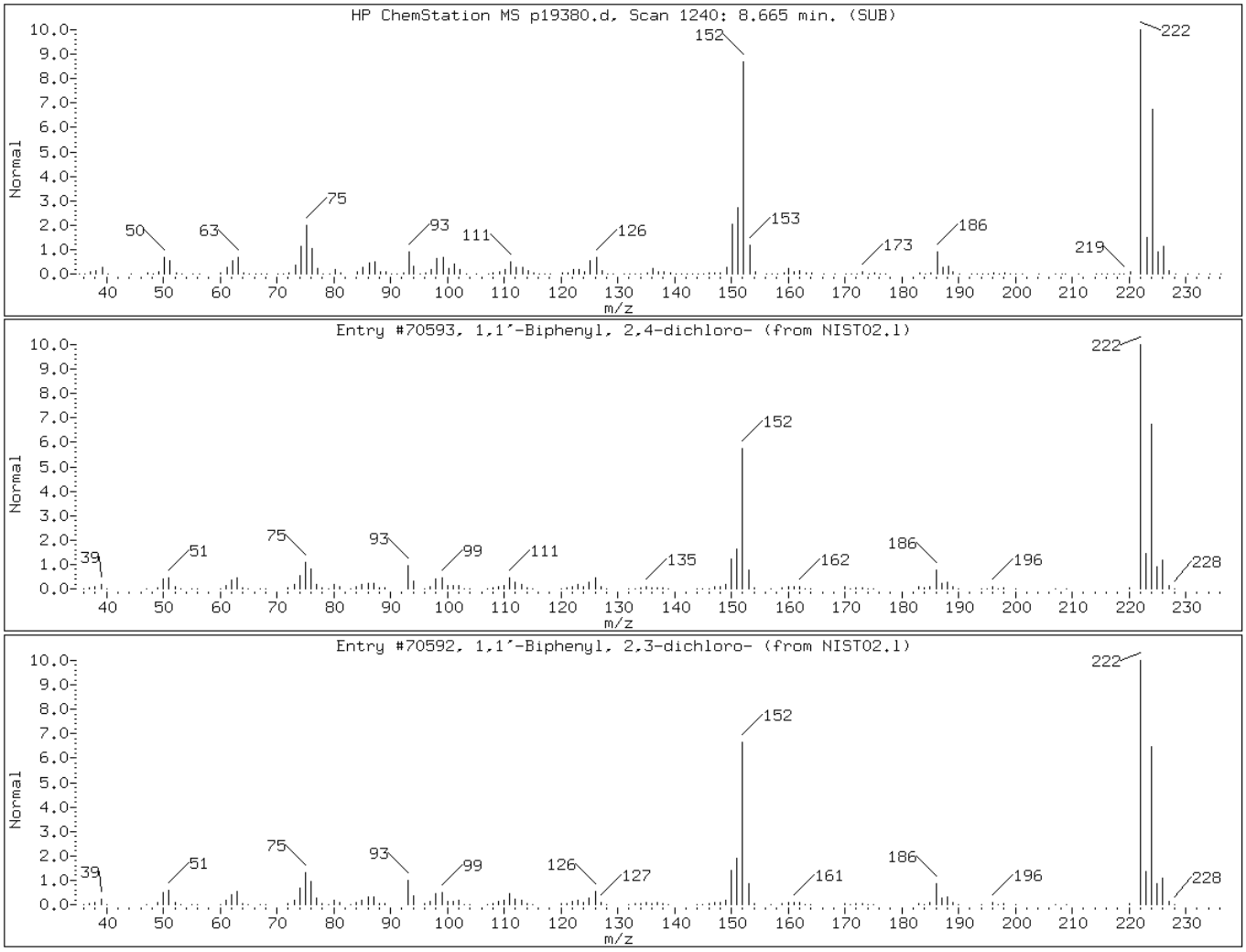
Date: 18-SEP-2011 05:42

Client ID: PMP-22-VS-S (1.5-2. Instrument: BNAMS10.i

Sample Info: 460-30837-F-8-C Operator: BNAMS 4

Retention Time: 8.66

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, 2,3-dichloro-	16605-91-7	NIST02.l	70592	97	C12H8Cl2	222



Data File: p19380.d

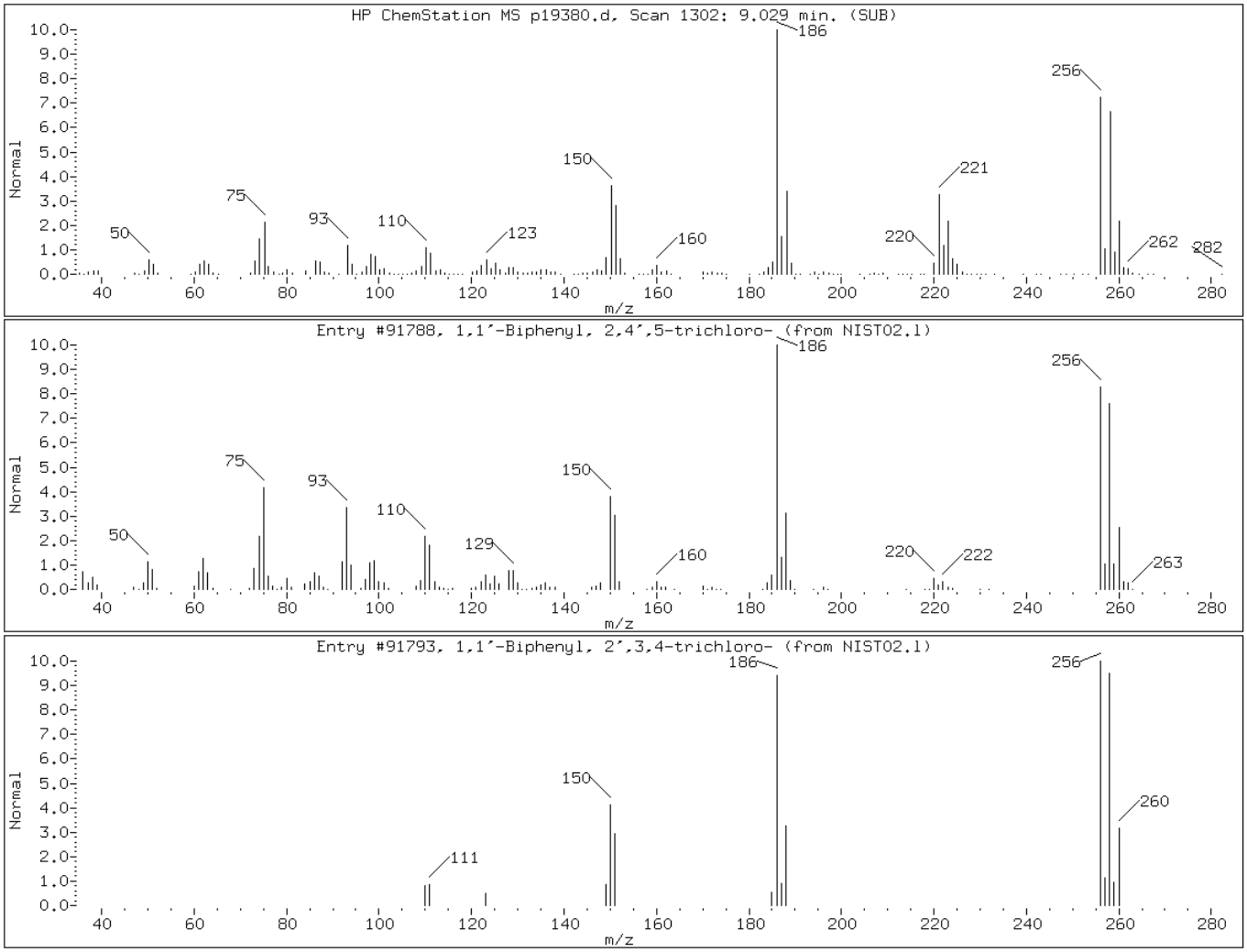
Date: 18-SEP-2011 05:42

Client ID: PMP-22-VS-S (1.5-2. Instrument: BNAMS10.i

Sample Info: 460-30837-F-8-C Operator: BNAMS 4

Retention Time: 9.03

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	98	C12H7Cl3	256
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.l	91793	96	C12H7Cl3	256



Data File: p19380.d

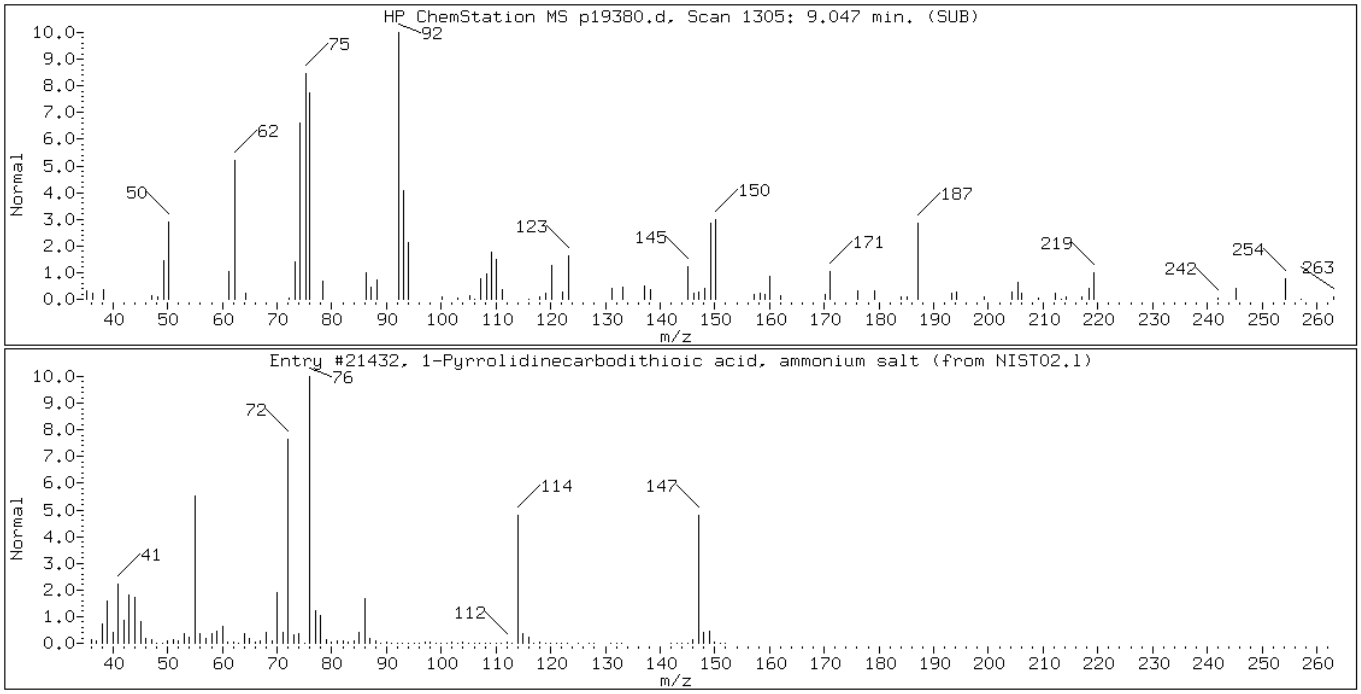
Date: 18-SEP-2011 05:42

Client ID: PMP-22-VS-S (1.5-2. Instrument: BNAMS10.i

Sample Info: 460-30837-F-8-C Operator: BNAMS 4

Retention Time: 9.05

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1-Pyrrolidinecarbodithioic acid, a	5108-96-3	NIST02.l	21432	30	C5H9NS2	147



Data File: p19380.d

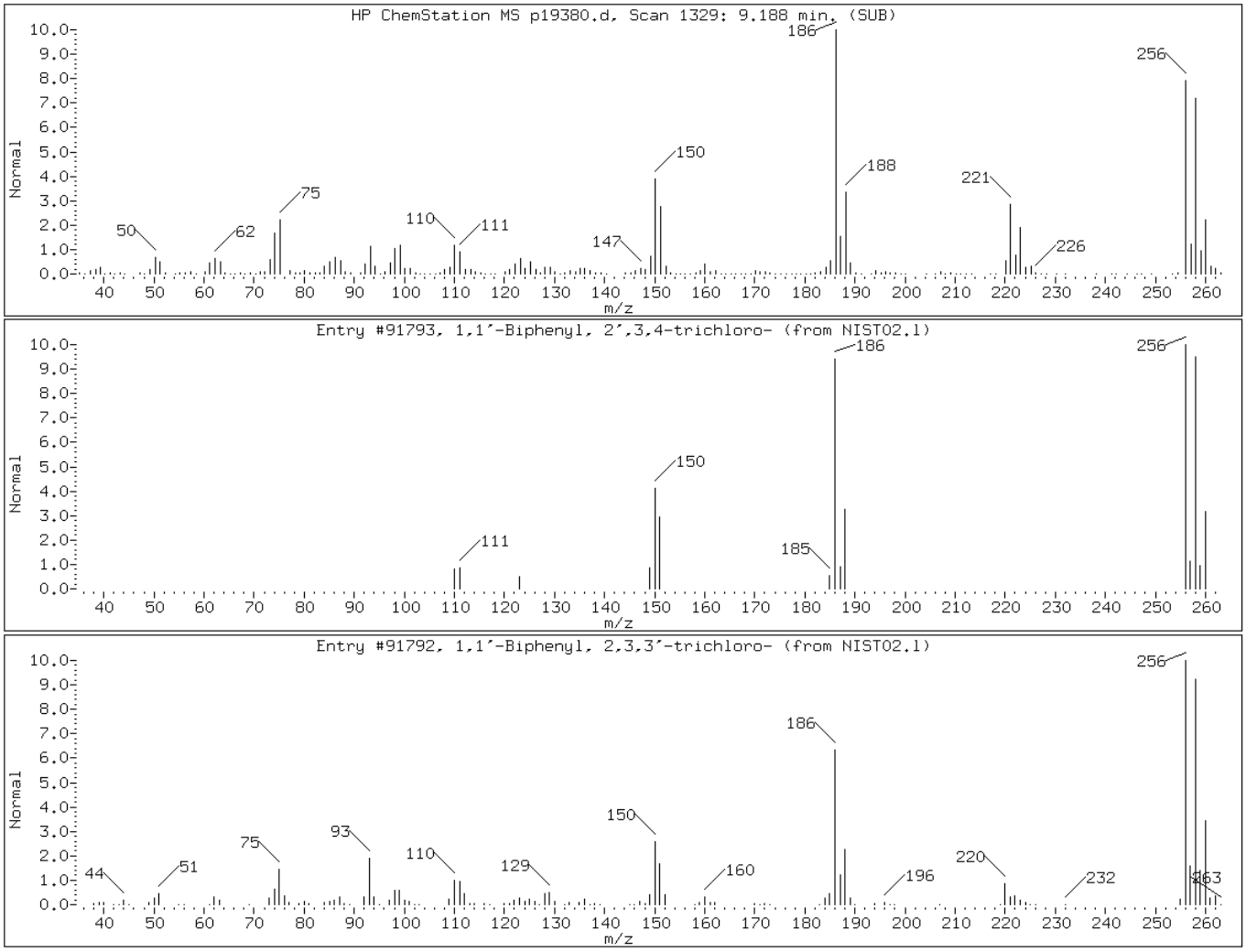
Date: 18-SEP-2011 05:42

Client ID: PMP-22-VS-S (1.5-2. Instrument: BNAMS10.i

Sample Info: 460-30837-F-8-C Operator: BNAMS 4

Retention Time: 9.19

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-2						
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.l	91793	97	C12H7Cl3	256
1,1'-Biphenyl, 2,3,3'-trichloro-	38444-84-7	NIST02.l	91792	97	C12H7Cl3	256



Data File: p19380.d

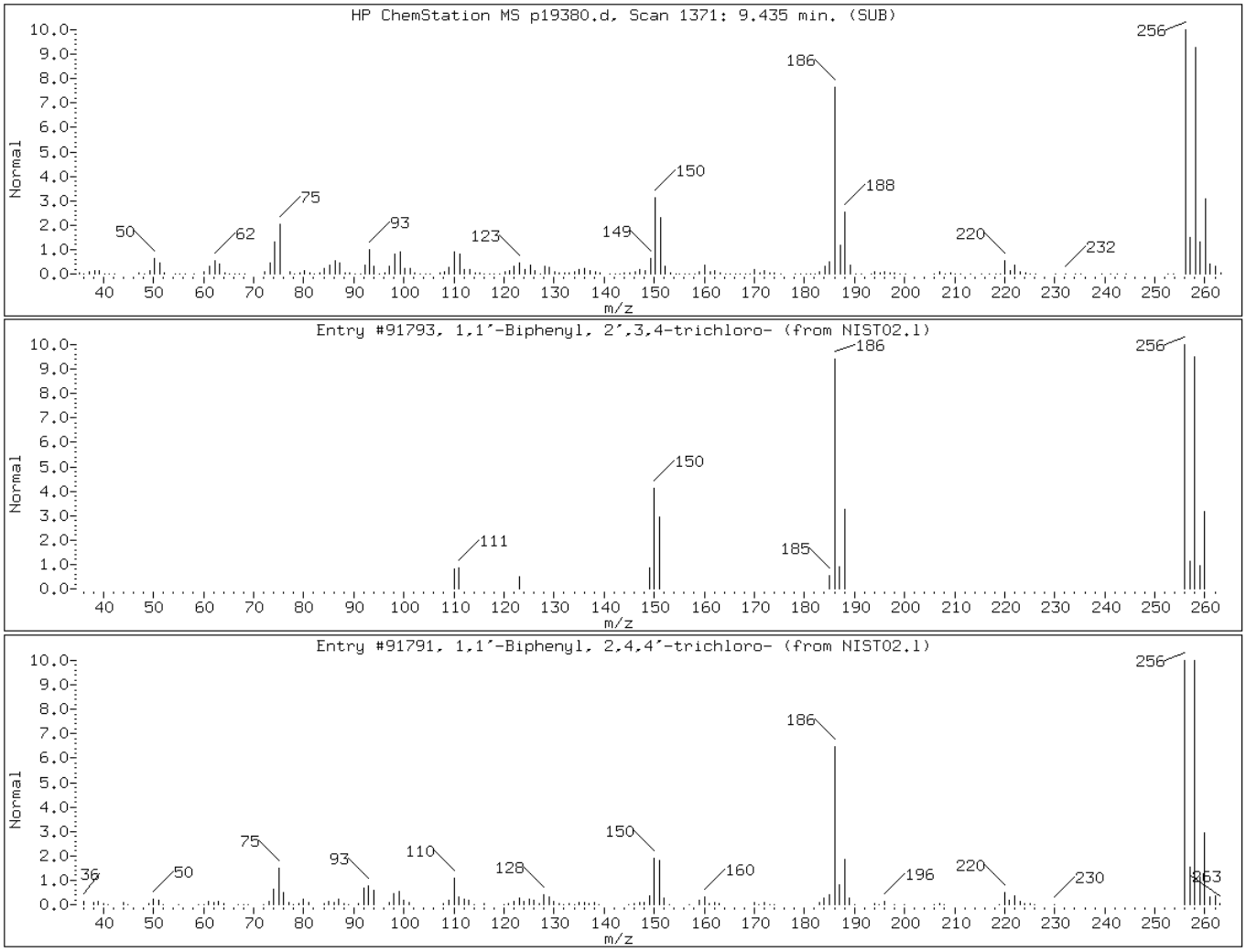
Date: 18-SEP-2011 05:42

Client ID: PMP-22-VS-S (1.5-2. Instrument: BNAMS10.i

Sample Info: 460-30837-F-8-C Operator: BNAMS 4

Retention Time: 9.43

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-3						
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	91791	98	C12H7Cl3	256



Data File: p19380.d

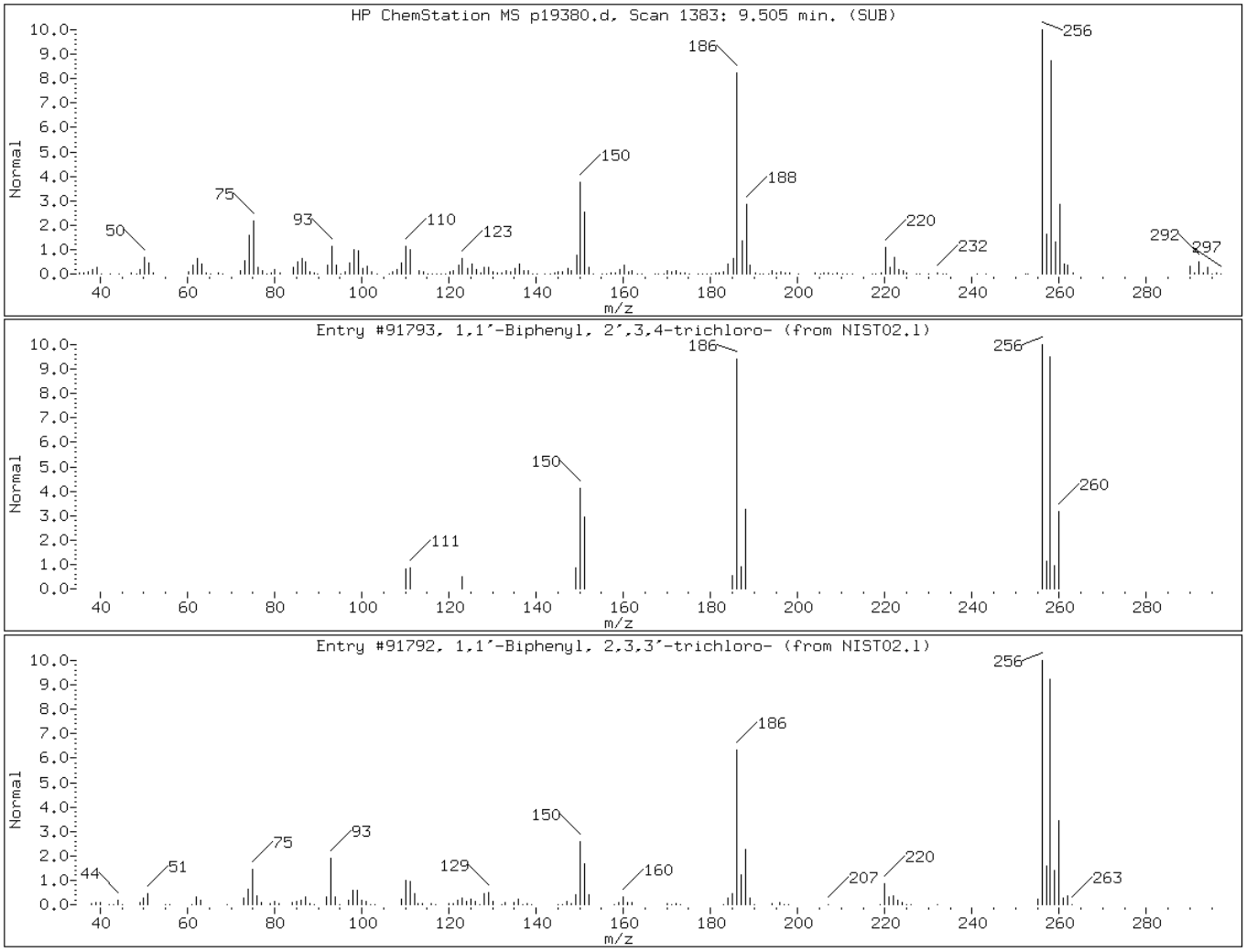
Date: 18-SEP-2011 05:42

Client ID: PMP-22-VS-S (1.5-2. Instrument: BNAMS10.i

Sample Info: 460-30837-F-8-C Operator: BNAMS 4

Retention Time: 9.51

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	98	C12H7Cl3	256
1,1'-Biphenyl, 2,3,3'-trichloro-	38444-84-7	NIST02.l	91792	97	C12H7Cl3	256



Data File: p19380.d

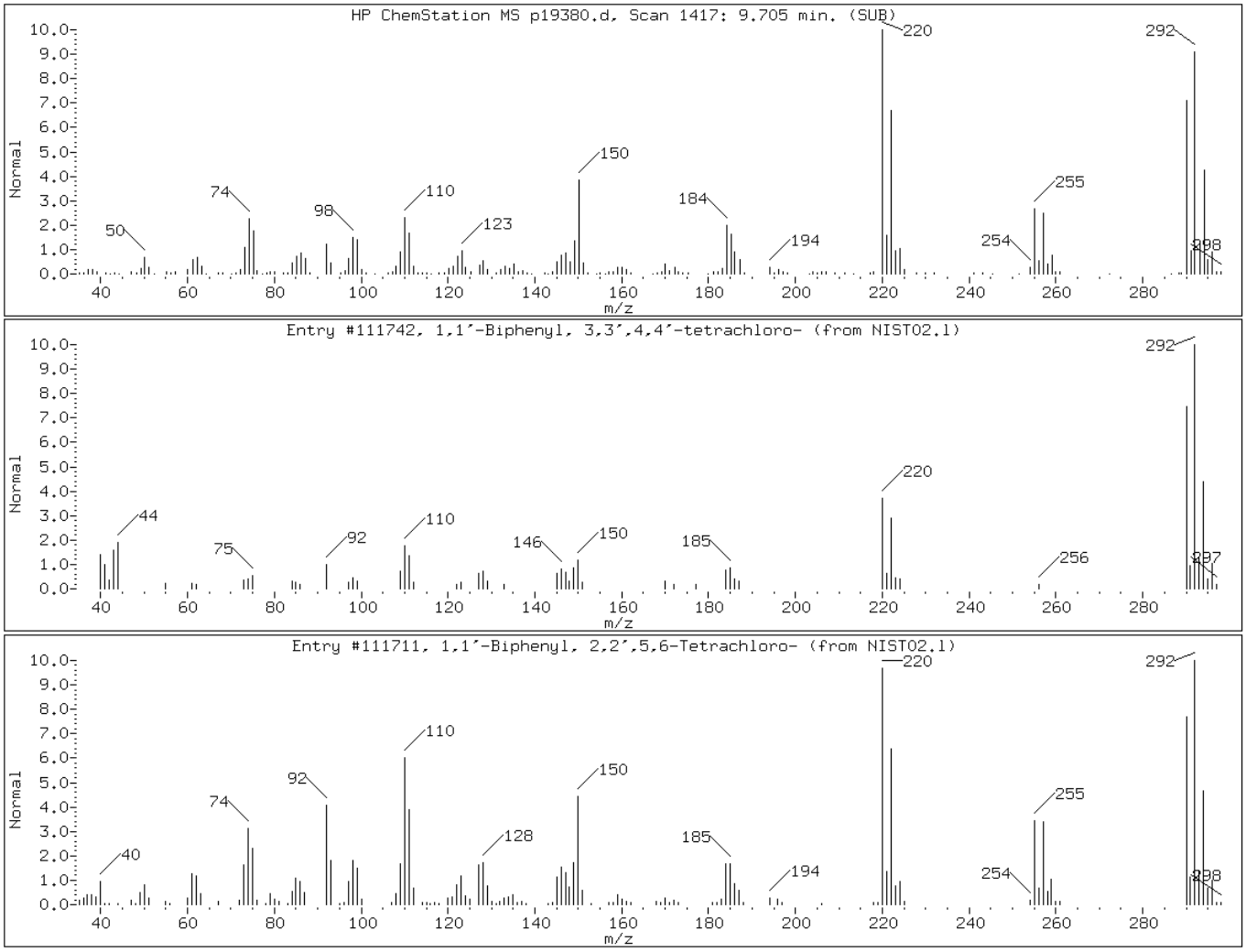
Date: 18-SEP-2011 05:42

Client ID: PMP-22-VS-S (1.5-2. Instrument: BNAMS10.i

Sample Info: 460-30837-F-8-C Operator: BNAMS 4

Retention Time: 9.70

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-1						
1,1'-Biphenyl, 3,3',4,4'-tetrachlo	32598-13-3	NIST02.l	111742	99	C12H6Cl4	290
1,1'-Biphenyl, 2,2',5,6-Tetrachlor	41464-41-9	NIST02.l	111711	99	C12H6Cl4	290



Data File: p19380.d

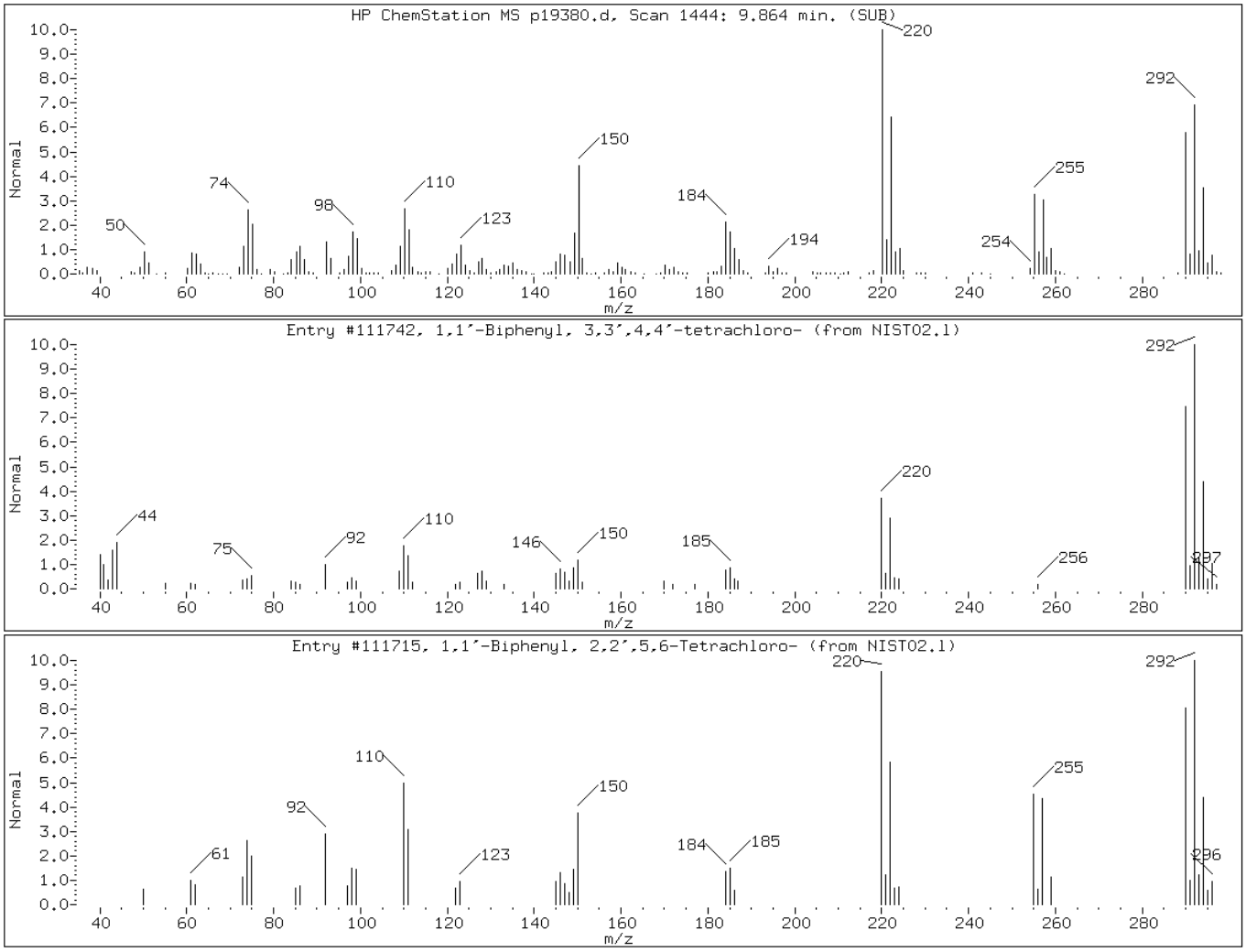
Date: 18-SEP-2011 05:42

Client ID: PMP-22-VS-S (1.5-2. Instrument: BNAMS10.i

Sample Info: 460-30837-F-8-C Operator: BNAMS 4

Retention Time: 9.86

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-2						
1,1'-Biphenyl, 3,3',4,4'-tetrachlo	32598-13-3	NIST02.l	111742	99	C12H6Cl4	290
1,1'-Biphenyl, 2,2',5,6-Tetrachlor	41464-41-9	NIST02.l	111715	99	C12H6Cl4	290



Data File: p19380.d

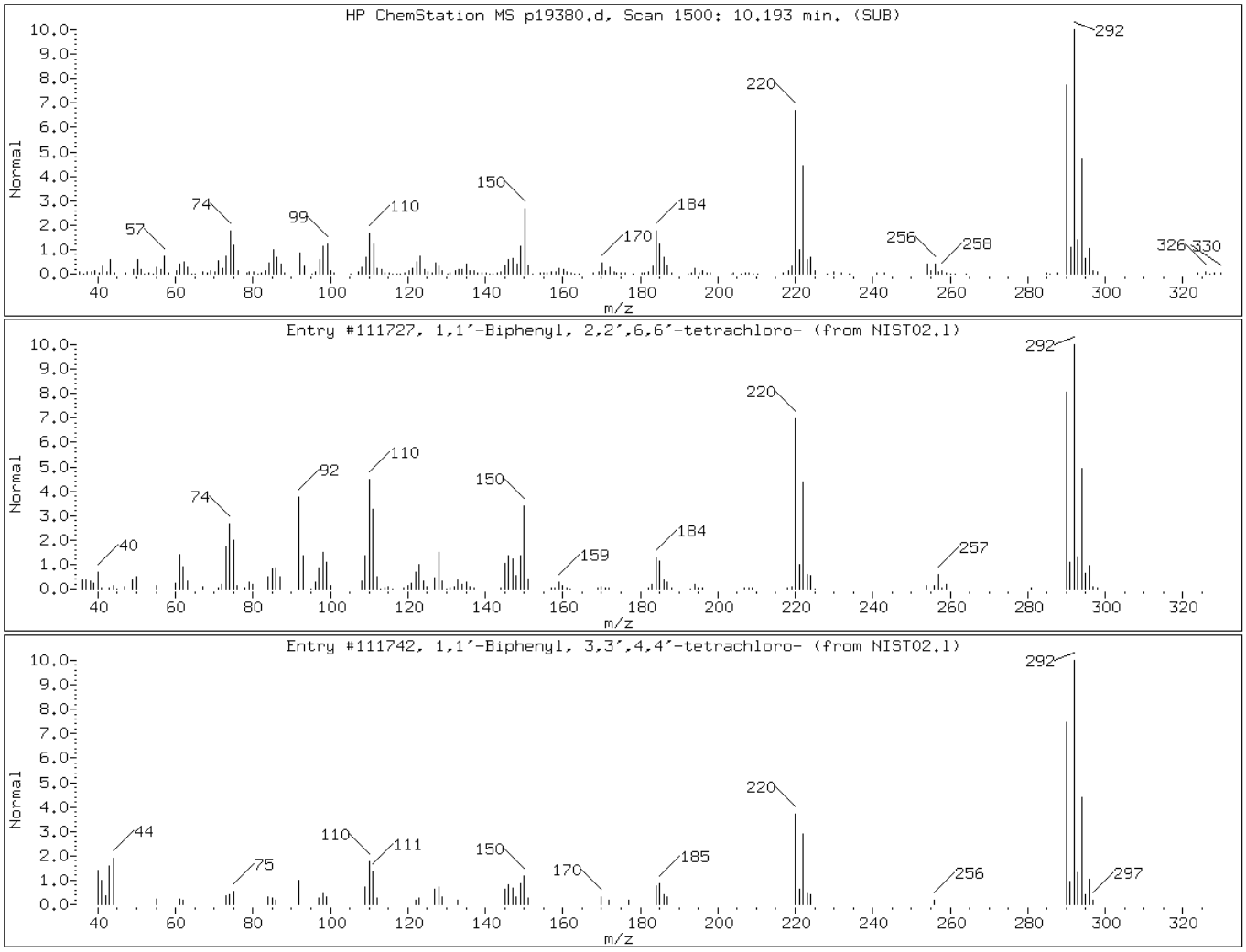
Date: 18-SEP-2011 05:42

Client ID: PMP-22-VS-S (1.5-2. Instrument: BNAMS10.i

Sample Info: 460-30837-F-8-C Operator: BNAMS 4

Retention Time: 10.19

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-3						
1,1'-Biphenyl, 2,2',6,6'-tetrachlo	15968-05-5	NIST02.l	111727	99	C12H6Cl4	290
1,1'-Biphenyl, 3,3',4,4'-tetrachlo	32598-13-3	NIST02.l	111742	98	C12H6Cl4	290



Data File: p19380.d

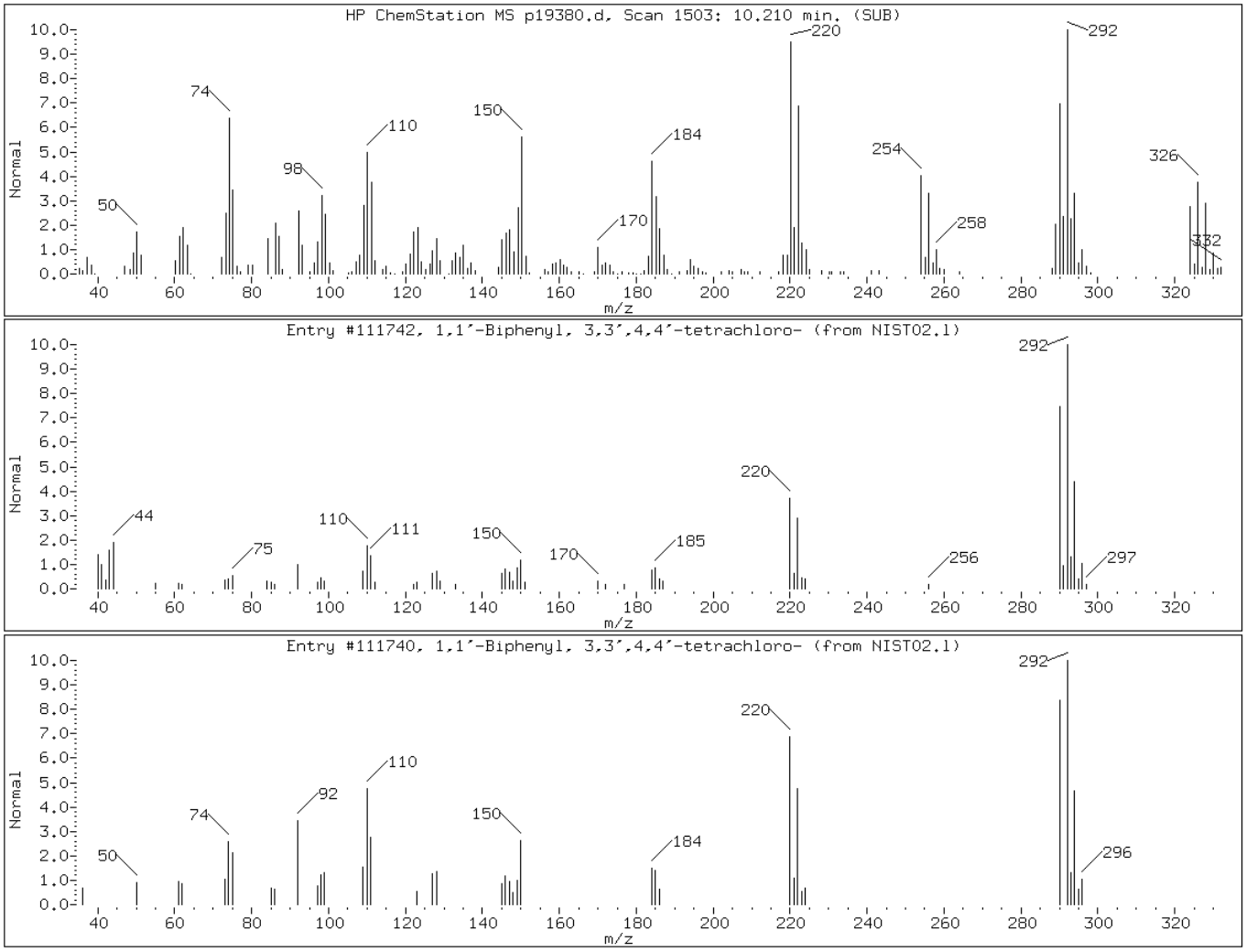
Date: 18-SEP-2011 05:42

Client ID: PMP-22-VS-S (1.5-2. Instrument: BNAMS10.i

Sample Info: 460-30837-F-8-C Operator: BNAMS 4

Retention Time: 10.21

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-4						
1,1'-Biphenyl, 3,3',4,4'-tetrachlo	32598-13-3	NIST02.l	111742	96	C12H6Cl4	290
1,1'-Biphenyl, 3,3',4,4'-tetrachlo	32598-13-3	NIST02.l	111740	96	C12H6Cl4	290



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-22-VD-S (3.5-5.0) | Lab Sample ID: 460-30837-9

Matrix: Solid | Lab File ID: p19359.d

Analysis Method: 8270C | Date Collected: 09/08/2011 17:30

Extract. Method: 3541 | Date Extracted: 09/16/2011 07:35

Sample wt/vol: 15.04(g) | Date Analyzed: 09/17/2011 10:06

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.: 86513 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	350	U	350	43
95-57-8	2-Chlorophenol	350	U	350	46
95-48-7	2-Methylphenol	350	U	350	50
106-44-5	4-Methylphenol	350	U	350	57
100-52-7	Benzaldehyde	350	U	350	22
98-86-2	Acetophenone	350	U	350	52
111-44-4	Bis(2-chloroethyl)ether	35	U	35	7.2
108-60-1	2,2'-oxybis[1-chloropropane]	350	U	350	46
621-64-7	N-Nitrosodi-n-propylamine	35	U	35	4.6
98-95-3	Nitrobenzene	35	U	35	7.8
67-72-1	Hexachloroethane	35	U	35	5.9
78-59-1	Isophorone	350	U	350	40
88-75-5	2-Nitrophenol	350	U	350	57
105-67-9	2,4-Dimethylphenol	350	U	350	56
120-83-2	2,4-Dichlorophenol	350	U	350	56
111-91-1	Bis(2-chloroethoxy)methane	350	U	350	50
91-20-3	Naphthalene	350	U	350	51
106-47-8	4-Chloroaniline	350	U	350	44
87-68-3	Hexachlorobutadiene	70	U	70	14
105-60-2	Caprolactam	350	U	350	48
59-50-7	4-Chloro-3-methylphenol	350	U	350	58
91-57-6	2-Methylnaphthalene	350	U	350	51
118-74-1	Hexachlorobenzene	35	U	35	4.8
77-47-4	Hexachlorocyclopentadiene	350	U	350	100
88-06-2	2,4,6-Trichlorophenol	350	U	350	62
95-95-4	2,4,5-Trichlorophenol	350	U	350	67
92-52-4	Diphenyl	350	U	350	57
91-58-7	2-Chloronaphthalene	350	U	350	49
88-74-4	2-Nitroaniline	700	U	700	95
606-20-2	2,6-Dinitrotoluene	70	U	70	8.8
131-11-3	Dimethyl phthalate	350	U	350	47
208-96-8	Acenaphthylene	350	U	350	50
99-09-2	3-Nitroaniline	700	U	700	79
83-32-9	Acenaphthene	350	U	350	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-22-VD-S (3.5-5.0) | Lab Sample ID: 460-30837-9

Matrix: Solid | Lab File ID: p19359.d

Analysis Method: 8270C | Date Collected: 09/08/2011 17:30

Extract. Method: 3541 | Date Extracted: 09/16/2011 07:35

Sample wt/vol: 15.04(g) | Date Analyzed: 09/17/2011 10:06

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.: 86513 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1100	U	1100	89
51-28-5	2,4-Dinitrophenol	1100	U	1100	74
132-64-9	Dibenzofuran	350	U	350	52
84-66-2	Diethyl phthalate	350	U	350	47
86-73-7	Fluorene	350	U	350	59
206-44-0	Fluoranthene	350	U	350	58
84-74-2	Di-n-butyl phthalate	350	U	350	53
121-14-2	2,4-Dinitrotoluene	70	U	70	10
7005-72-3	4-Chlorophenyl phenyl ether	350	U	350	60
100-01-6	4-Nitroaniline	700	U	700	72
534-52-1	4,6-Dinitro-2-methylphenol	1100	U	1100	170
101-55-3	4-Bromophenyl phenyl ether	350	U	350	62
1912-24-9	Atrazine	350	U	350	65
120-12-7	Anthracene	350	U	350	61
86-74-8	Carbazole	350	U	350	55
85-01-8	Phenanthrene	350	U	350	61
87-86-5	Pentachlorophenol	1100	U	1100	170
129-00-0	Pyrene	350	U	350	60
218-01-9	Chrysene	350	U	350	51
207-08-9	Benzo[k]fluoranthene	35	U	35	4.9
191-24-2	Benzo[g,h,i]perylene	350	U	350	37
205-99-2	Benzo[b]fluoranthene	35	U	35	5.2
50-32-8	Benzo[a]pyrene	35	U	35	4.3
56-55-3	Benzo[a]anthracene	35	U	35	6.4
86-30-6	N-Nitrosodiphenylamine	350	U	350	57
85-68-7	Butyl benzyl phthalate	350	U	350	41
117-81-7	Bis(2-ethylhexyl) phthalate	350	U	350	46
117-84-0	Di-n-octyl phthalate	350	U	350	41
193-39-5	Indeno[1,2,3-cd]pyrene	35	U	35	5.6
53-70-3	Dibenz(a,h)anthracene	35	U	35	4.2
91-94-1	3,3'-Dichlorobenzidine	700	U	700	77
95-94-3	1,2,4,5-Tetrachlorobenzene	350	U	350	47
58-90-2	2,3,4,6-Tetrachlorophenol	350	U	350	70

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-22-VD-S (3.5-5.0) Lab Sample ID: 460-30837-9

Matrix: Solid Lab File ID: p19359.d

Analysis Method: 8270C Date Collected: 09/08/2011 17:30

Extract. Method: 3541 Date Extracted: 09/16/2011 07:35

Sample wt/vol: 15.04(g) Date Analyzed: 09/17/2011 10:06

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.: 86513 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	84		38-105
4165-62-2	Phenol-d5	75		41-118
1718-51-0	Terphenyl-d14	92		16-151
118-79-6	2,4,6-Tribromophenol	79		10-120
367-12-4	2-Fluorophenol	77		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.: 460-30837-1

SDG No.:

Client Sample ID: PMP-22-VD-S (3.5-5.0) Lab Sample ID: 460-30837-9

Matrix: Solid Lab File ID: p19359.d

Analysis Method: 8270C Date Collected: 09/08/2011 17:30

Extract. Method: 3541 Date Extracted: 09/16/2011 07:35

Sample wt/vol: 15.04(g) Date Analyzed: 09/17/2011 10:06

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.: 86513 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/8270/09-17-11/17sep11.b/p19359.d
Report Date: 18-Sep-2011 00:45

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/09-17-11/17sep11.b/p19359.d
Lab Smp Id: 460-30837-F-9-E Client Smp ID: PMP-22-VD-S (3.5-5.
Inj Date : 17-SEP-2011 10:06
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-30837-F-9-E
Misc Info : 460-30837-F-9-E
Comment   :
Method   : /chem/BNAMS10.i/8270/09-17-11/17sep11.b/8270C_08SP.m
Meth Date : 18-Sep-2011 00:43 asfawa Quant Type: ISTD
Cal Date : 17-SEP-2011 05:31 Cal File: p19351.d
Als bottle: 16
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	5.16899	% 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	3.030	(0.687)	871906	77.1696	5400
$ 17 Phenol-d5 (SUR)	99	4.064	4.058	(0.913)	1057465	75.2351	5300
* 79 1,4-Dichlorobenzene-d4	152	4.452	4.446	(1.000)	366612	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	5.045	5.045	(0.868)	590586	42.2293	3000
* 80 Naphthalene-d8	136	5.809	5.809	(1.000)	1192014	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.932	6.931	(0.912)	964500	40.3215	2800
* 82 Acenaphthene-d10	164	7.601	7.607	(1.000)	694361	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.383	8.389	(1.103)	246880	78.6348	5500
* 83 Phenanthrene-d10	188	9.070	9.070	(1.000)	973375	40.0000	
$ 78 Terphenyl-d14	244	10.645	10.645	(0.904)	806976	46.0866	3200
* 81 Chrysene-d12	240	11.779	11.779	(1.000)	650942	40.0000	
* 84 Perylene-d12	264	13.636	13.641	(1.000)	564852	40.0000	

Data File: /chem/BNAMS10.i/8270/09-17-11/17sep11.b/p19359.d
Report Date: 18-Sep-2011 00:45

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/09-17-11/17sep11.b/p19359.d
Lab Smp Id: 460-30837-F-9-E Client Smp ID: PMP-22-VD-S (3.5-5.
Inj Date : 17-SEP-2011 10:06
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-30837-F-9-E
Misc Info : 460-30837-F-9-E
Comment   :
Method   : /chem/BNAMS10.i/8270/09-17-11/17sep11.b/8270C_08SP.m
Meth Date : 18-Sep-2011 00:43 asfawa Quant Type: ISTD
Cal Date : 17-SEP-2011 05:31 Cal File: p19351.d
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

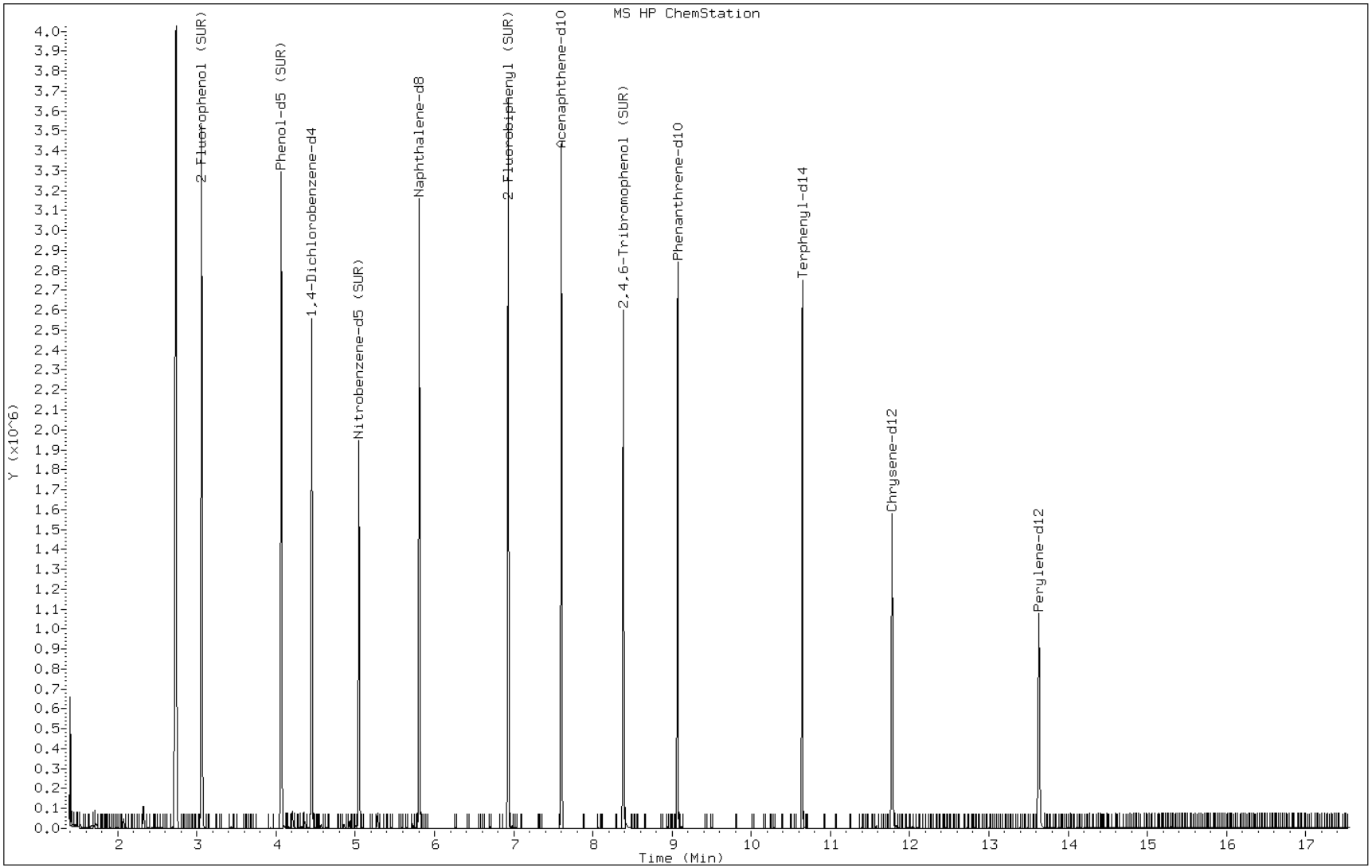
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: p19359.d

Date: 17-SEP-2011 10:06

Client ID: PMP-22-VD-S (3.5-5. Instrument: BNAMS10.i

Sample Info: 460-30837-F-9-E Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-22-WT-S (7.0-8.5) | Lab Sample ID: 460-30837-10

Matrix: Solid | Lab File ID: p19360.d

Analysis Method: 8270C | Date Collected: 09/08/2011 17:35

Extract. Method: 3541 | Date Extracted: 09/16/2011 07:35

Sample wt/vol: 15.02(g) | Date Analyzed: 09/17/2011 10:32

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86513 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	390	U	390	48
95-57-8	2-Chlorophenol	390	U	390	53
95-48-7	2-Methylphenol	390	U	390	57
106-44-5	4-Methylphenol	390	U	390	65
100-52-7	Benzaldehyde	390	U	390	25
98-86-2	Acetophenone	390	U	390	59
111-44-4	Bis(2-chloroethyl)ether	39	U	39	8.2
108-60-1	2,2'-oxybis[1-chloropropane]	390	U	390	52
621-64-7	N-Nitrosodi-n-propylamine	39	U	39	5.2
98-95-3	Nitrobenzene	39	U	39	8.8
67-72-1	Hexachloroethane	39	U	39	6.7
78-59-1	Isophorone	390	U	390	45
88-75-5	2-Nitrophenol	390	U	390	65
105-67-9	2,4-Dimethylphenol	390	U	390	63
120-83-2	2,4-Dichlorophenol	390	U	390	63
111-91-1	Bis(2-chloroethoxy)methane	390	U	390	56
91-20-3	Naphthalene	390	U	390	58
106-47-8	4-Chloroaniline	390	U	390	50
87-68-3	Hexachlorobutadiene	80	U	80	16
105-60-2	Caprolactam	390	U	390	54
59-50-7	4-Chloro-3-methylphenol	390	U	390	66
91-57-6	2-Methylnaphthalene	390	U	390	58
118-74-1	Hexachlorobenzene	39	U	39	5.5
77-47-4	Hexachlorocyclopentadiene	390	U	390	120
88-06-2	2,4,6-Trichlorophenol	390	U	390	71
95-95-4	2,4,5-Trichlorophenol	390	U	390	76
92-52-4	Diphenyl	390	U	390	65
91-58-7	2-Chloronaphthalene	390	U	390	56
88-74-4	2-Nitroaniline	800	U	800	110
606-20-2	2,6-Dinitrotoluene	80	U	80	10
131-11-3	Dimethyl phthalate	390	U	390	53
208-96-8	Acenaphthylene	390	U	390	56
99-09-2	3-Nitroaniline	800	U	800	89
83-32-9	Acenaphthene	390	U	390	56

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-22-WT-S (7.0-8.5) | Lab Sample ID: 460-30837-10

Matrix: Solid | Lab File ID: p19360.d

Analysis Method: 8270C | Date Collected: 09/08/2011 17:35

Extract. Method: 3541 | Date Extracted: 09/16/2011 07:35

Sample wt/vol: 15.02(g) | Date Analyzed: 09/17/2011 10:32

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86513 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1200	U	1200	100
51-28-5	2,4-Dinitrophenol	1200	U	1200	84
132-64-9	Dibenzofuran	390	U	390	59
84-66-2	Diethyl phthalate	390	U	390	53
86-73-7	Fluorene	390	U	390	67
206-44-0	Fluoranthene	390	U	390	66
84-74-2	Di-n-butyl phthalate	390	U	390	60
121-14-2	2,4-Dinitrotoluene	80	U	80	12
7005-72-3	4-Chlorophenyl phenyl ether	390	U	390	68
100-01-6	4-Nitroaniline	800	U	800	81
534-52-1	4,6-Dinitro-2-methylphenol	1200	U	1200	190
101-55-3	4-Bromophenyl phenyl ether	390	U	390	70
1912-24-9	Atrazine	390	U	390	74
120-12-7	Anthracene	390	U	390	70
86-74-8	Carbazole	390	U	390	63
85-01-8	Phenanthrene	390	U	390	69
87-86-5	Pentachlorophenol	1200	U	1200	190
129-00-0	Pyrene	390	U	390	68
218-01-9	Chrysene	390	U	390	57
207-08-9	Benzo[k]fluoranthene	39	U	39	5.5
191-24-2	Benzo[g,h,i]perylene	390	U	390	42
205-99-2	Benzo[b]fluoranthene	39	U	39	5.9
50-32-8	Benzo[a]pyrene	39	U	39	4.9
56-55-3	Benzo[a]anthracene	39	U	39	7.3
86-30-6	N-Nitrosodiphenylamine	390	U	390	64
85-68-7	Butyl benzyl phthalate	390	U	390	46
117-81-7	Bis(2-ethylhexyl) phthalate	390	U	390	52
117-84-0	Di-n-octyl phthalate	390	U	390	47
193-39-5	Indeno[1,2,3-cd]pyrene	39	U	39	6.3
53-70-3	Dibenz(a,h)anthracene	39	U	39	4.7
91-94-1	3,3'-Dichlorobenzidine	800	U	800	87
95-94-3	1,2,4,5-Tetrachlorobenzene	390	U	390	53
58-90-2	2,3,4,6-Tetrachlorophenol	390	U	390	79

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-22-WT-S (7.0-8.5) Lab Sample ID: 460-30837-10

Matrix: Solid Lab File ID: p19360.d

Analysis Method: 8270C Date Collected: 09/08/2011 17:35

Extract. Method: 3541 Date Extracted: 09/16/2011 07:35

Sample wt/vol: 15.02(g) Date Analyzed: 09/17/2011 10:32

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 16.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86513 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	87		38-105
4165-62-2	Phenol-d5	79		41-118
1718-51-0	Terphenyl-d14	95		16-151
118-79-6	2,4,6-Tribromophenol	89		10-120
367-12-4	2-Fluorophenol	82		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.: 460-30837-1

SDG No.:

Client Sample ID: PMP-22-WT-S (7.0-8.5) | Lab Sample ID: 460-30837-10

Matrix: Solid | Lab File ID: p19360.d

Analysis Method: 8270C | Date Collected: 09/08/2011 17:35

Extract. Method: 3541 | Date Extracted: 09/16/2011 07:35

Sample wt/vol: 15.02(g) | Date Analyzed: 09/17/2011 10:32

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86513 | 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/8270/09-17-11/17sep11.b/p19360.d
Report Date: 18-Sep-2011 00:47

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/09-17-11/17sep11.b/p19360.d
Lab Smp Id: 460-30837-F-10-C Client Smp ID: PMP-22-WT-S (7.0-8.
Inj Date : 17-SEP-2011 10:32
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-30837-F-10-C
Misc Info : 460-30837-F-10-C
Comment   :
Method   : /chem/BNAMS10.i/8270/09-17-11/17sep11.b/8270C_08SP.m
Meth Date : 18-Sep-2011 00:43 asfawa Quant Type: ISTD
Cal Date : 17-SEP-2011 05:31 Cal File: p19351.d
Als bottle: 17
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	16.21094	% 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	3.048	3.030	(0.685)	891964	81.8141	6500
$ 17 Phenol-d5 (SUR)	99	4.058	4.058	(0.913)	1069979	78.8922	6300
* 79 1,4-Dichlorobenzene-d4	152	4.446	4.446	(1.000)	353755	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	5.046	5.045	(0.869)	586218	43.6527	3500
* 80 Naphthalene-d8	136	5.809	5.809	(1.000)	1144617	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.932	6.931	(0.912)	991673	43.5969	3500
* 82 Acenaphthene-d10	164	7.601	7.607	(1.000)	660286	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.383	8.389	(1.103)	265518	88.9357	7100
* 83 Phenanthrene-d10	188	9.070	9.070	(1.000)	967556	40.0000	
$ 78 Terphenyl-d14	244	10.645	10.645	(0.904)	827419	47.5709	3800
* 81 Chrysene-d12	240	11.779	11.779	(1.000)	646606	40.0000	
* 84 Perylene-d12	264	13.636	13.641	(1.000)	550418	40.0000	

Data File: /chem/BNAMS10.i/8270/09-17-11/17sep11.b/p19360.d
Report Date: 18-Sep-2011 00:47

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/09-17-11/17sep11.b/p19360.d
Lab Smp Id: 460-30837-F-10-C Client Smp ID: PMP-22-WT-S (7.0-8.
Inj Date : 17-SEP-2011 10:32
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-30837-F-10-C
Misc Info : 460-30837-F-10-C
Comment   :
Method   : /chem/BNAMS10.i/8270/09-17-11/17sep11.b/8270C_08SP.m
Meth Date : 18-Sep-2011 00:43 asfawa Quant Type: ISTD
Cal Date : 17-SEP-2011 05:31 Cal File: p19351.d
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

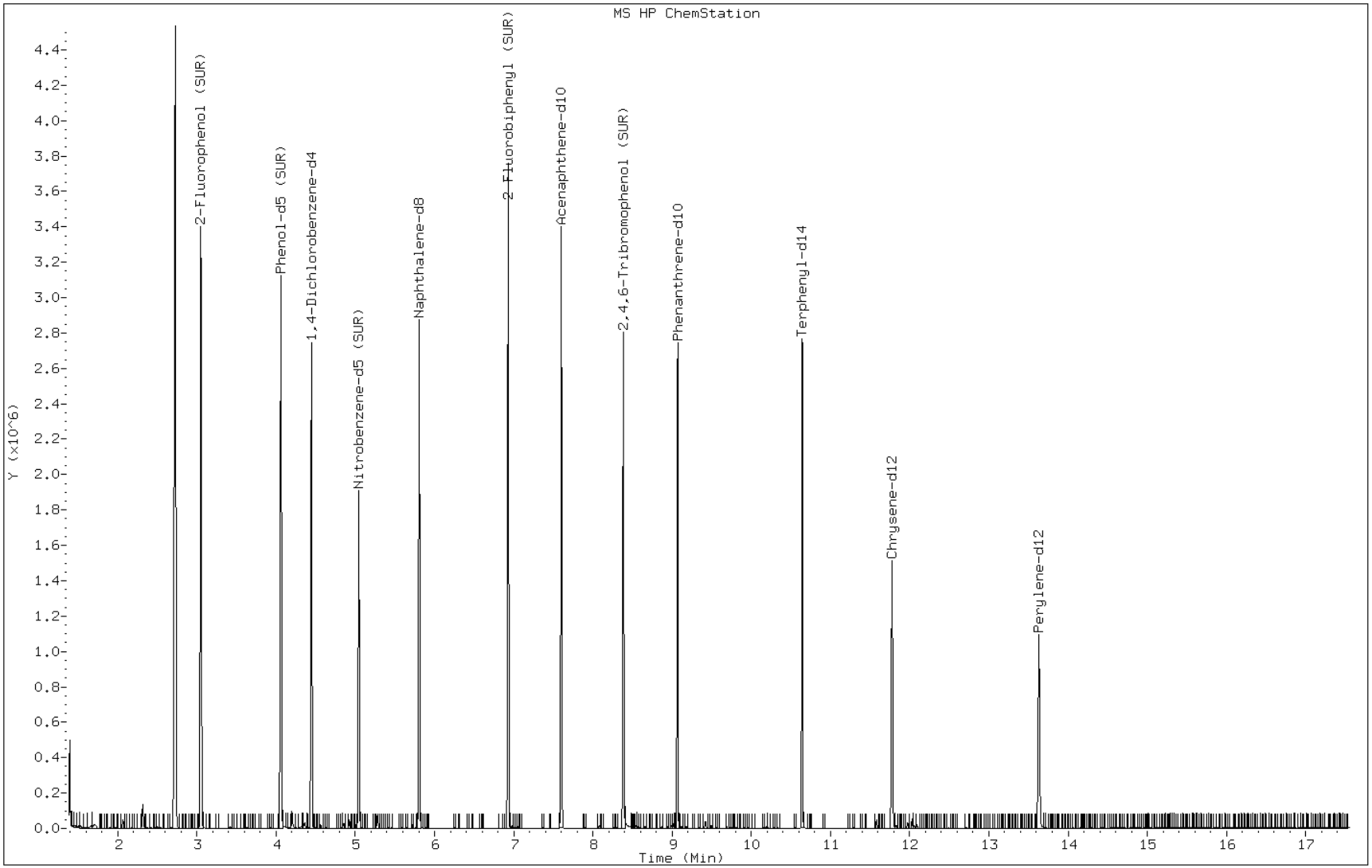
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: p19360.d

Date: 17-SEP-2011 10:32

Client ID: PMP-22-WT-S (7.0-8. Instrument: BNAMS10.i

Sample Info: 460-30837-F-10-C Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-23-VS-S (1-3) | Lab Sample ID: 460-30837-11

Matrix: Solid | Lab File ID: p19361.d

Analysis Method: 8270C | Date Collected: 09/08/2011 17:40

Extract. Method: 3541 | Date Extracted: 09/16/2011 07:35

Sample wt/vol: 15.00(g) | Date Analyzed: 09/17/2011 10:58

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.: 86513 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	350	U	350	43
95-57-8	2-Chlorophenol	350	U	350	46
95-48-7	2-Methylphenol	350	U	350	50
106-44-5	4-Methylphenol	350	U	350	57
100-52-7	Benzaldehyde	350	U	350	22
98-86-2	Acetophenone	350	U	350	52
111-44-4	Bis(2-chloroethyl)ether	35	U	35	7.2
108-60-1	2,2'-oxybis[1-chloropropane]	350	U	350	46
621-64-7	N-Nitrosodi-n-propylamine	35	U	35	4.6
98-95-3	Nitrobenzene	35	U	35	7.8
67-72-1	Hexachloroethane	35	U	35	5.9
78-59-1	Isophorone	350	U	350	40
88-75-5	2-Nitrophenol	350	U	350	57
105-67-9	2,4-Dimethylphenol	350	U	350	56
120-83-2	2,4-Dichlorophenol	350	U	350	56
111-91-1	Bis(2-chloroethoxy)methane	350	U	350	50
91-20-3	Naphthalene	350	U	350	51
106-47-8	4-Chloroaniline	350	U	350	44
87-68-3	Hexachlorobutadiene	70	U	70	14
105-60-2	Caprolactam	350	U	350	48
59-50-7	4-Chloro-3-methylphenol	350	U	350	58
91-57-6	2-Methylnaphthalene	350	U	350	51
118-74-1	Hexachlorobenzene	35	U	35	4.8
77-47-4	Hexachlorocyclopentadiene	350	U	350	100
88-06-2	2,4,6-Trichlorophenol	350	U	350	62
95-95-4	2,4,5-Trichlorophenol	350	U	350	67
92-52-4	Diphenyl	350	U	350	57
91-58-7	2-Chloronaphthalene	350	U	350	49
88-74-4	2-Nitroaniline	700	U	700	95
606-20-2	2,6-Dinitrotoluene	70	U	70	8.8
131-11-3	Dimethyl phthalate	350	U	350	47
208-96-8	Acenaphthylene	350	U	350	50
99-09-2	3-Nitroaniline	700	U	700	78
83-32-9	Acenaphthene	350	U	350	49

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-23-VS-S (1-3) | Lab Sample ID: 460-30837-11

Matrix: Solid | Lab File ID: p19361.d

Analysis Method: 8270C | Date Collected: 09/08/2011 17:40

Extract. Method: 3541 | Date Extracted: 09/16/2011 07:35

Sample wt/vol: 15.00(g) | Date Analyzed: 09/17/2011 10:58

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.: 86513 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1000	U	1000	89
51-28-5	2,4-Dinitrophenol	1000	U	1000	74
132-64-9	Dibenzofuran	350	U	350	52
84-66-2	Diethyl phthalate	350	U	350	47
86-73-7	Fluorene	350	U	350	59
206-44-0	Fluoranthene	350	U	350	58
84-74-2	Di-n-butyl phthalate	350	U	350	53
121-14-2	2,4-Dinitrotoluene	70	U	70	10
7005-72-3	4-Chlorophenyl phenyl ether	350	U	350	60
100-01-6	4-Nitroaniline	700	U	700	72
534-52-1	4,6-Dinitro-2-methylphenol	1000	U	1000	170
101-55-3	4-Bromophenyl phenyl ether	350	U	350	62
1912-24-9	Atrazine	350	U	350	65
120-12-7	Anthracene	350	U	350	61
86-74-8	Carbazole	350	U	350	55
85-01-8	Phenanthrene	350	U	350	61
87-86-5	Pentachlorophenol	1000	U	1000	170
129-00-0	Pyrene	350	U	350	60
218-01-9	Chrysene	350	U	350	50
207-08-9	Benzo[k]fluoranthene	35	U	35	4.9
191-24-2	Benzo[g,h,i]perylene	350	U	350	37
205-99-2	Benzo[b]fluoranthene	35	U	35	5.2
50-32-8	Benzo[a]pyrene	35	U	35	4.3
56-55-3	Benzo[a]anthracene	35	U	35	6.4
86-30-6	N-Nitrosodiphenylamine	350	U	350	57
85-68-7	Butyl benzyl phthalate	350	U	350	41
117-81-7	Bis(2-ethylhexyl) phthalate	350	U	350	46
117-84-0	Di-n-octyl phthalate	350	U	350	41
193-39-5	Indeno[1,2,3-cd]pyrene	35	U	35	5.6
53-70-3	Dibenz(a,h)anthracene	35	U	35	4.2
91-94-1	3,3'-Dichlorobenzidine	700	U	700	77
95-94-3	1,2,4,5-Tetrachlorobenzene	350	U	350	47
58-90-2	2,3,4,6-Tetrachlorophenol	350	U	350	69

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-23-VS-S (1-3) | Lab Sample ID: 460-30837-11

Matrix: Solid | Lab File ID: p19361.d

Analysis Method: 8270C | Date Collected: 09/08/2011 17:40

Extract. Method: 3541 | Date Extracted: 09/16/2011 07:35

Sample wt/vol: 15.00(g) | Date Analyzed: 09/17/2011 10:58

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.: 86513 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	87		38-105
4165-62-2	Phenol-d5	77		41-118
1718-51-0	Terphenyl-d14	91		16-151
118-79-6	2,4,6-Tribromophenol	82		10-120
367-12-4	2-Fluorophenol	79		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.: 460-30837-1

SDG No.:

Client Sample ID: PMP-23-VS-S (1-3) Lab Sample ID: 460-30837-11

Matrix: Solid Lab File ID: p19361.d

Analysis Method: 8270C Date Collected: 09/08/2011 17:40

Extract. Method: 3541 Date Extracted: 09/16/2011 07:35

Sample wt/vol: 15.00(g) Date Analyzed: 09/17/2011 10:58

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.: 86513 Units: ug/Kg

Number TICs Found: 1 TIC Result Total: 570

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	15.29	570	J

Data File: /chem/BNAMS10.i/8270/09-17-11/17sep11.b/p19361.d
Report Date: 18-Sep-2011 00:48

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/09-17-11/17sep11.b/p19361.d
Lab Smp Id: 460-30837-F-11-C Client Smp ID: PMP-23-VS-S (1-3)
Inj Date : 17-SEP-2011 10:58
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-30837-F-11-C
Misc Info : 460-30837-F-11-C
Comment   :
Method   : /chem/BNAMS10.i/8270/09-17-11/17sep11.b/8270C_08SP.m
Meth Date : 18-Sep-2011 00:43 asfawa Quant Type: ISTD
Cal Date : 17-SEP-2011 05:31 Cal File: p19351.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	15.00000	Weight of sample extracted (g)
M	4.70588	% 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	3.065	3.030	(0.689)	990968	78.8385	5500
$ 17 Phenol-d5 (SUR)	99	4.064	4.058	(0.914)	1203058	76.9384	5400
* 79 1,4-Dichlorobenzene-d4	152	4.446	4.446	(1.000)	407854	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	5.046	5.045	(0.869)	662472	43.3611	3000
* 80 Naphthalene-d8	136	5.809	5.809	(1.000)	1302205	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.932	6.931	(0.912)	1073143	45.2319	3200
* 82 Acenaphthene-d10	164	7.601	7.607	(1.000)	688703	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.383	8.389	(1.103)	255313	81.9889	5700
* 83 Phenanthrene-d10	188	9.070	9.070	(1.000)	939156	40.0000	
$ 78 Terphenyl-d14	244	10.645	10.645	(0.904)	770316	45.5966	3200
* 81 Chrysene-d12	240	11.779	11.779	(1.000)	628047	40.0000	
* 84 Perylene-d12	264	13.636	13.641	(1.000)	541113	40.0000	

Data File: /chem/BNAMS10.i/8270/09-17-11/17sep11.b/p19361.d
Report Date: 18-Sep-2011 00:48

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/09-17-11/17sep11.b/p19361.d
Lab Smp Id: 460-30837-F-11-C Client Smp ID: PMP-23-VS-S (1-3)
Inj Date : 17-SEP-2011 10:58
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-30837-F-11-C
Misc Info : 460-30837-F-11-C
Comment   :
Method   : /chem/BNAMS10.i/8270/09-17-11/17sep11.b/8270C_08SP.m
Meth Date : 18-Sep-2011 00:43 asfawa Quant Type: ISTD
Cal Date : 17-SEP-2011 05:31 Cal File: p19351.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	15.00000	Weight of sample extracted (g)
M	4.70588	% Moisture

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 84 Perylene-d12	13.636	1399938	40.000

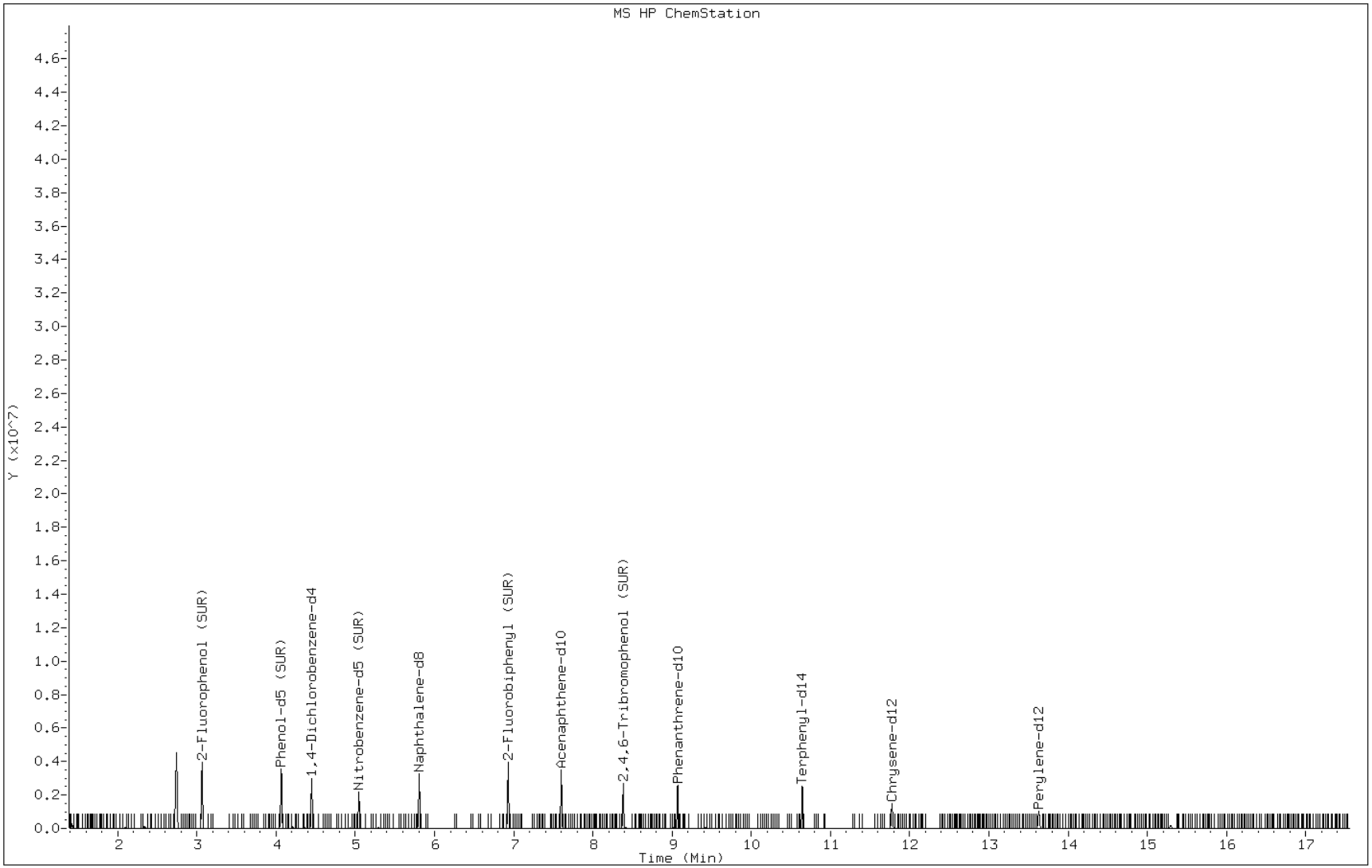
		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown					CAS #:		
15.293	286911	8.19782904	570	0		0	84

Data File: p19361.d

Date: 17-SEP-2011 10:58

Client ID: PMP-23-VS-S (1-3) Instrument: BNAMS10.i

Sample Info: 460-30837-F-11-C Operator: BNAMS 4



Data File: p19361.d

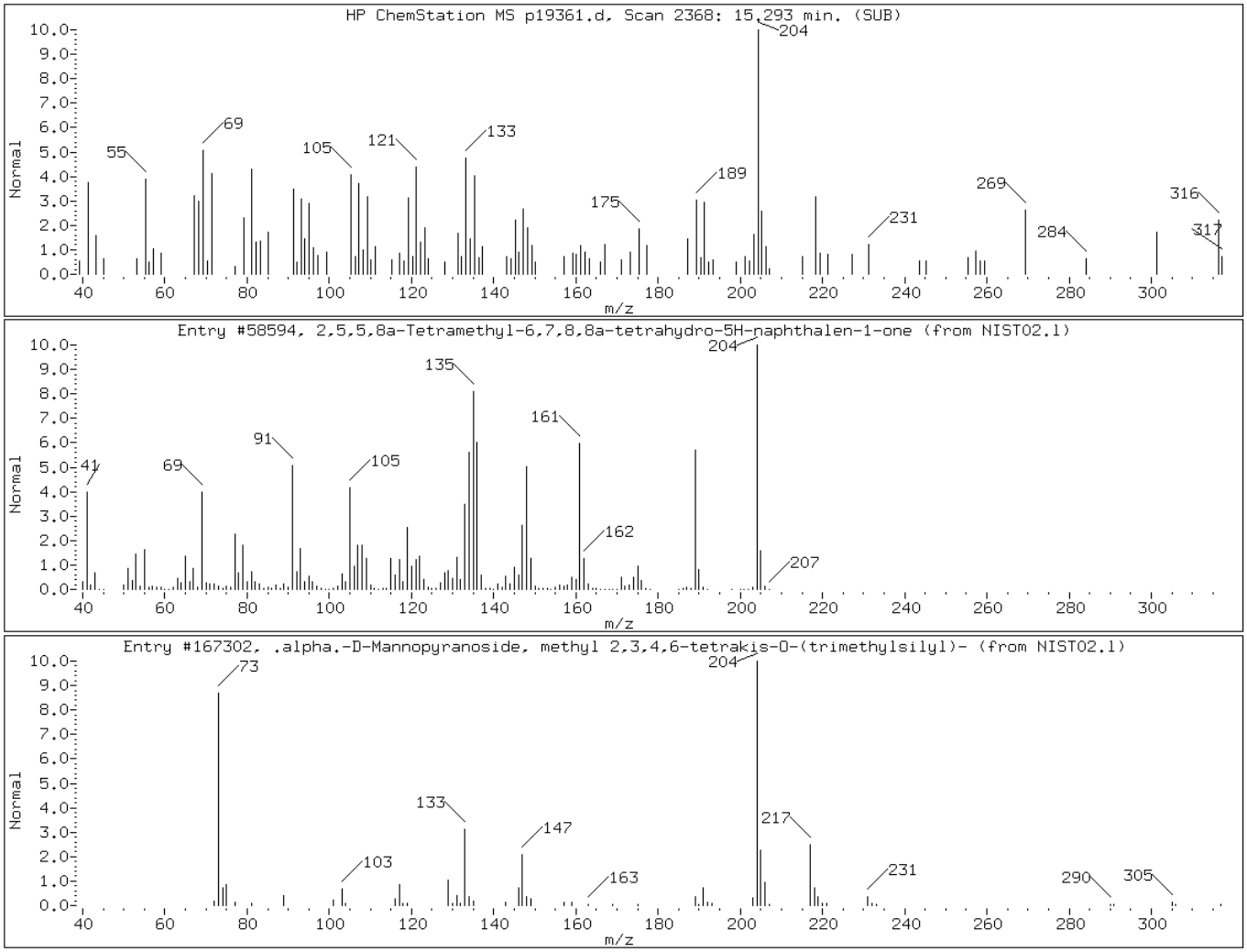
Date: 17-SEP-2011 10:58

Client ID: PMP-23-VS-S (1-3) Instrument: BNAMS10.i

Sample Info: 460-30837-F-11-C Operator: BNAMS 4

Retention Time: 15.29

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
2,5,5,8a-Tetramethyl-6,7,8,8a-tetr	124957-09-1	NIST02.l	58594	45	C14H20O	204
.alpha.-D-Mannopyranoside, methyl	1769-06-8	NIST02.l	167302	43	C19H46O6Si4	482



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-23-WT-S (6.5-8.5) | Lab Sample ID: 460-30837-12

Matrix: Solid | Lab File ID: p19362.d

Analysis Method: 8270C | Date Collected: 09/08/2011 17:50

Extract. Method: 3541 | Date Extracted: 09/16/2011 07:35

Sample wt/vol: 15.03(g) | Date Analyzed: 09/17/2011 11:23

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86513 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	380	U	380	46
95-57-8	2-Chlorophenol	380	U	380	50
95-48-7	2-Methylphenol	380	U	380	54
106-44-5	4-Methylphenol	380	U	380	62
100-52-7	Benzaldehyde	380	U	380	24
98-86-2	Acetophenone	380	U	380	56
111-44-4	Bis(2-chloroethyl)ether	38	U	38	7.8
108-60-1	2,2'-oxybis[1-chloropropane]	380	U	380	49
621-64-7	N-Nitrosodi-n-propylamine	38	U	38	5.0
98-95-3	Nitrobenzene	38	U	38	8.4
67-72-1	Hexachloroethane	38	U	38	6.3
78-59-1	Isophorone	380	U	380	43
88-75-5	2-Nitrophenol	380	U	380	62
105-67-9	2,4-Dimethylphenol	380	U	380	60
120-83-2	2,4-Dichlorophenol	380	U	380	60
111-91-1	Bis(2-chloroethoxy)methane	380	U	380	54
91-20-3	Naphthalene	380	U	380	55
106-47-8	4-Chloroaniline	380	U	380	47
87-68-3	Hexachlorobutadiene	76	U	76	15
105-60-2	Caprolactam	380	U	380	52
59-50-7	4-Chloro-3-methylphenol	380	U	380	63
91-57-6	2-Methylnaphthalene	380	U	380	55
118-74-1	Hexachlorobenzene	38	U	38	5.2
77-47-4	Hexachlorocyclopentadiene	380	U	380	110
88-06-2	2,4,6-Trichlorophenol	380	U	380	67
95-95-4	2,4,5-Trichlorophenol	380	U	380	72
92-52-4	Diphenyl	380	U	380	62
91-58-7	2-Chloronaphthalene	380	U	380	53
88-74-4	2-Nitroaniline	760	U	760	100
606-20-2	2,6-Dinitrotoluene	76	U	76	9.6
131-11-3	Dimethyl phthalate	380	U	380	51
208-96-8	Acenaphthylene	380	U	380	54
99-09-2	3-Nitroaniline	760	U	760	85
83-32-9	Acenaphthene	380	U	380	54

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-23-WT-S (6.5-8.5) | Lab Sample ID: 460-30837-12

Matrix: Solid | Lab File ID: p19362.d

Analysis Method: 8270C | Date Collected: 09/08/2011 17:50

Extract. Method: 3541 | Date Extracted: 09/16/2011 07:35

Sample wt/vol: 15.03(g) | Date Analyzed: 09/17/2011 11:23

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86513 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1100	U	1100	97
51-28-5	2,4-Dinitrophenol	1100	U	1100	80
132-64-9	Dibenzofuran	380	U	380	56
84-66-2	Diethyl phthalate	380	U	380	50
86-73-7	Fluorene	380	U	380	64
206-44-0	Fluoranthene	380	U	380	63
84-74-2	Di-n-butyl phthalate	380	U	380	58
121-14-2	2,4-Dinitrotoluene	76	U	76	11
7005-72-3	4-Chlorophenyl phenyl ether	380	U	380	65
100-01-6	4-Nitroaniline	760	U	760	78
534-52-1	4,6-Dinitro-2-methylphenol	1100	U	1100	180
101-55-3	4-Bromophenyl phenyl ether	380	U	380	67
1912-24-9	Atrazine	380	U	380	70
120-12-7	Anthracene	380	U	380	66
86-74-8	Carbazole	380	U	380	60
85-01-8	Phenanthrene	380	U	380	66
87-86-5	Pentachlorophenol	1100	U	1100	180
129-00-0	Pyrene	380	U	380	65
218-01-9	Chrysene	380	U	380	55
207-08-9	Benzo[k]fluoranthene	38	U	38	5.3
191-24-2	Benzo[g,h,i]perylene	380	U	380	40
205-99-2	Benzo[b]fluoranthene	38	U	38	5.6
50-32-8	Benzo[a]pyrene	38	U	38	4.6
56-55-3	Benzo[a]anthracene	38	U	38	7.0
86-30-6	N-Nitrosodiphenylamine	380	U	380	61
85-68-7	Butyl benzyl phthalate	380	U	380	44
117-81-7	Bis(2-ethylhexyl) phthalate	380	U	380	50
117-84-0	Di-n-octyl phthalate	380	U	380	45
193-39-5	Indeno[1,2,3-cd]pyrene	38	U	38	6.0
53-70-3	Dibenz(a,h)anthracene	38	U	38	4.5
91-94-1	3,3'-Dichlorobenzidine	760	U	760	83
95-94-3	1,2,4,5-Tetrachlorobenzene	380	U	380	51
58-90-2	2,3,4,6-Tetrachlorophenol	380	U	380	75

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-23-WT-S (6.5-8.5) | Lab Sample ID: 460-30837-12

Matrix: Solid | Lab File ID: p19362.d

Analysis Method: 8270C | Date Collected: 09/08/2011 17:50

Extract. Method: 3541 | Date Extracted: 09/16/2011 07:35

Sample wt/vol: 15.03(g) | Date Analyzed: 09/17/2011 11:23

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86513 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	83		38-105
4165-62-2	Phenol-d5	71		41-118
1718-51-0	Terphenyl-d14	90		16-151
118-79-6	2,4,6-Tribromophenol	77		10-120
367-12-4	2-Fluorophenol	73		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.: 460-30837-1

SDG No.:

Client Sample ID: PMP-23-WT-S (6.5-8.5) Lab Sample ID: 460-30837-12

Matrix: Solid Lab File ID: p19362.d

Analysis Method: 8270C Date Collected: 09/08/2011 17:50

Extract. Method: 3541 Date Extracted: 09/16/2011 07:35

Sample wt/vol: 15.03(g) Date Analyzed: 09/17/2011 11:23

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 12.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86513 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/8270/09-17-11/17sep11.b/p19362.d
Report Date: 18-Sep-2011 00:49

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/09-17-11/17sep11.b/p19362.d
Lab Smp Id: 460-30837-F-12-C Client Smp ID: PMP-23-WT-S (6.5-8.
Inj Date : 17-SEP-2011 11:23
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-30837-F-12-C
Misc Info : 460-30837-F-12-C
Comment   :
Method   : /chem/BNAMS10.i/8270/09-17-11/17sep11.b/8270C_08SP.m
Meth Date : 18-Sep-2011 00:43 asfawa Quant Type: ISTD
Cal Date : 17-SEP-2011 05:31 Cal File: p19351.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	15.03000	Weight of sample extracted (g)
M	12.18638	% 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	3.030	(0.687)	905267	72.7791	5500
$ 17 Phenol-d5 (SUR)	99	4.064	4.058	(0.914)	1106357	71.4995	5400
* 79 1,4-Dichlorobenzene-d4	152	4.446	4.446	(1.000)	403602	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	5.046	5.045	(0.869)	607134	41.6830	3200
* 80 Naphthalene-d8	136	5.809	5.809	(1.000)	1241475	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.932	6.931	(0.912)	1005606	41.2485	3100
* 82 Acenaphthene-d10	164	7.601	7.607	(1.000)	707684	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.383	8.389	(1.103)	247322	77.2925	5800
* 83 Phenanthrene-d10	188	9.070	9.070	(1.000)	998566	40.0000	
$ 78 Terphenyl-d14	244	10.645	10.645	(0.904)	804768	44.8159	3400
* 81 Chrysene-d12	240	11.779	11.779	(1.000)	667567	40.0000	
* 84 Perylene-d12	264	13.636	13.641	(1.000)	591708	40.0000	

Data File: /chem/BNAMS10.i/8270/09-17-11/17sep11.b/p19362.d
Report Date: 18-Sep-2011 00:49

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/09-17-11/17sep11.b/p19362.d
Lab Smp Id: 460-30837-F-12-C Client Smp ID: PMP-23-WT-S (6.5-8.
Inj Date : 17-SEP-2011 11:23
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-30837-F-12-C
Misc Info : 460-30837-F-12-C
Comment   :
Method   : /chem/BNAMS10.i/8270/09-17-11/17sep11.b/8270C_08SP.m
Meth Date : 18-Sep-2011 00:43 asfawa Quant Type: ISTD
Cal Date : 17-SEP-2011 05:31 Cal File: p19351.d
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

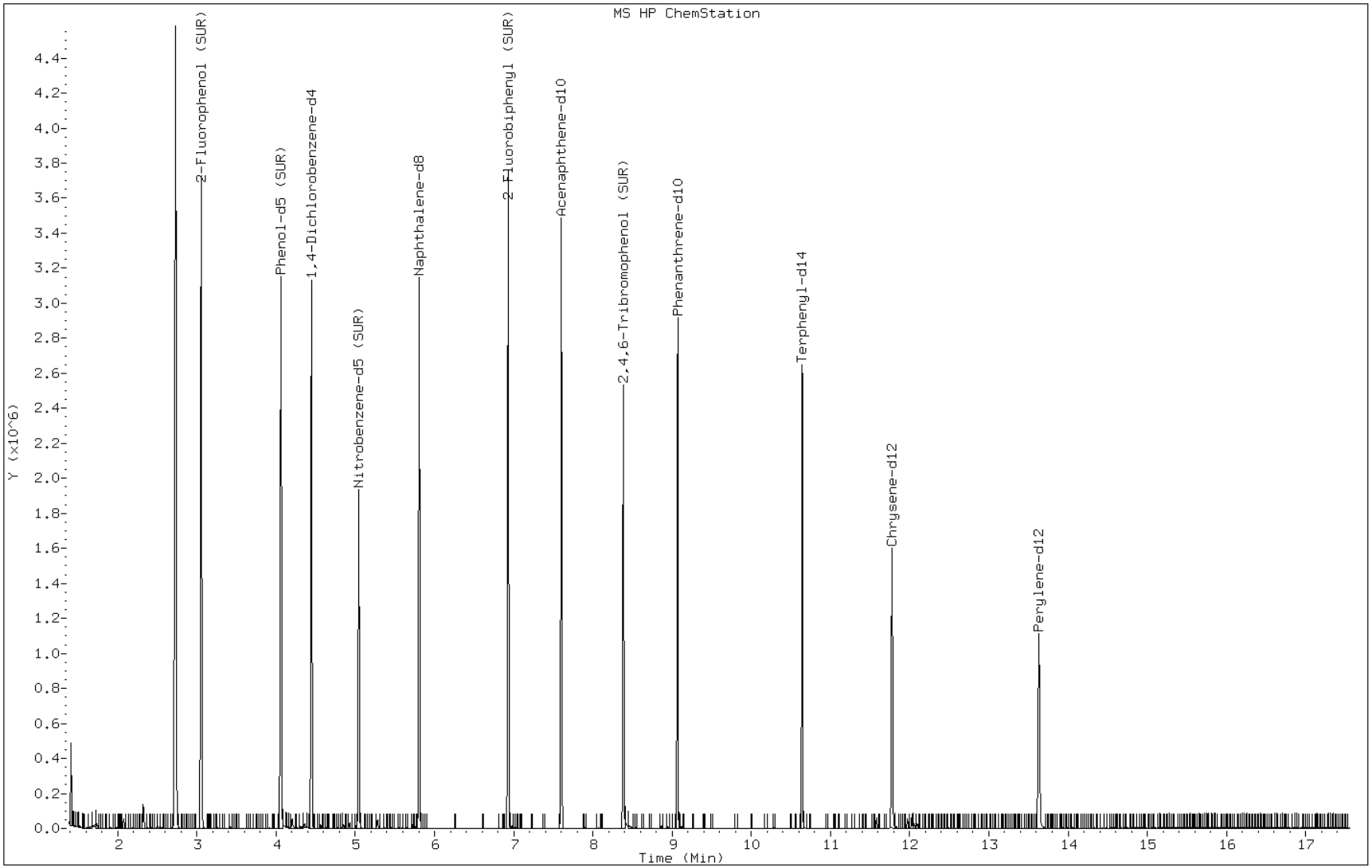
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: p19362.d

Date: 17-SEP-2011 11:23

Client ID: PMP-23-WT-S (6.5-8. Instrument: BNAMS10.i

Sample Info: 460-30837-F-12-C Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-23-VD-S (3.5-5.0) | Lab Sample ID: 460-30837-13

Matrix: Solid | Lab File ID: p19363.d

Analysis Method: 8270C | Date Collected: 09/08/2011 17:45

Extract. Method: 3541 | Date Extracted: 09/16/2011 07:35

Sample wt/vol: 15.02(g) | Date Analyzed: 09/17/2011 11:49

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86513 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	340	U	340	42
95-57-8	2-Chlorophenol	340	U	340	46
95-48-7	2-Methylphenol	340	U	340	49
106-44-5	4-Methylphenol	340	U	340	56
100-52-7	Benzaldehyde	340	U	340	21
98-86-2	Acetophenone	340	U	340	51
111-44-4	Bis(2-chloroethyl)ether	34	U	34	7.1
108-60-1	2,2'-oxybis[1-chloropropane]	340	U	340	45
621-64-7	N-Nitrosodi-n-propylamine	34	U	34	4.5
98-95-3	Nitrobenzene	34	U	34	7.7
67-72-1	Hexachloroethane	34	U	34	5.8
78-59-1	Isophorone	340	U	340	39
88-75-5	2-Nitrophenol	340	U	340	56
105-67-9	2,4-Dimethylphenol	340	U	340	55
120-83-2	2,4-Dichlorophenol	340	U	340	55
111-91-1	Bis(2-chloroethoxy)methane	340	U	340	49
91-20-3	Naphthalene	340	U	340	50
106-47-8	4-Chloroaniline	340	U	340	43
87-68-3	Hexachlorobutadiene	69	U	69	14
105-60-2	Caprolactam	340	U	340	47
59-50-7	4-Chloro-3-methylphenol	340	U	340	58
91-57-6	2-Methylnaphthalene	340	U	340	50
118-74-1	Hexachlorobenzene	34	U	34	4.8
77-47-4	Hexachlorocyclopentadiene	340	U	340	100
88-06-2	2,4,6-Trichlorophenol	340	U	340	61
95-95-4	2,4,5-Trichlorophenol	340	U	340	66
92-52-4	Diphenyl	340	U	340	57
91-58-7	2-Chloronaphthalene	340	U	340	48
88-74-4	2-Nitroaniline	690	U	690	94
606-20-2	2,6-Dinitrotoluene	69	U	69	8.7
131-11-3	Dimethyl phthalate	340	U	340	46
208-96-8	Acenaphthylene	340	U	340	49
99-09-2	3-Nitroaniline	690	U	690	78
83-32-9	Acenaphthene	340	U	340	49

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-23-VD-S (3.5-5.0) | Lab Sample ID: 460-30837-13

Matrix: Solid | Lab File ID: p19363.d

Analysis Method: 8270C | Date Collected: 09/08/2011 17:45

Extract. Method: 3541 | Date Extracted: 09/16/2011 07:35

Sample wt/vol: 15.02(g) | Date Analyzed: 09/17/2011 11:49

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86513 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1000	U	1000	88
51-28-5	2,4-Dinitrophenol	1000	U	1000	73
132-64-9	Dibenzofuran	340	U	340	52
84-66-2	Diethyl phthalate	340	U	340	46
86-73-7	Fluorene	340	U	340	58
206-44-0	Fluoranthene	340	U	340	57
84-74-2	Di-n-butyl phthalate	340	U	340	52
121-14-2	2,4-Dinitrotoluene	69	U	69	10
7005-72-3	4-Chlorophenyl phenyl ether	340	U	340	59
100-01-6	4-Nitroaniline	690	U	690	71
534-52-1	4,6-Dinitro-2-methylphenol	1000	U	1000	160
101-55-3	4-Bromophenyl phenyl ether	340	U	340	61
1912-24-9	Atrazine	340	U	340	64
120-12-7	Anthracene	340	U	340	61
86-74-8	Carbazole	340	U	340	55
85-01-8	Phenanthrene	340	U	340	60
87-86-5	Pentachlorophenol	1000	U	1000	170
129-00-0	Pyrene	340	U	340	59
218-01-9	Chrysene	340	U	340	50
207-08-9	Benzo[k]fluoranthene	34	U	34	4.8
191-24-2	Benzo[g,h,i]perylene	340	U	340	36
205-99-2	Benzo[b]fluoranthene	34	U	34	5.1
50-32-8	Benzo[a]pyrene	34	U	34	4.2
56-55-3	Benzo[a]anthracene	34	U	34	6.3
86-30-6	N-Nitrosodiphenylamine	340	U	340	56
85-68-7	Butyl benzyl phthalate	340	U	340	40
117-81-7	Bis(2-ethylhexyl) phthalate	340	U	340	46
117-84-0	Di-n-octyl phthalate	340	U	340	41
193-39-5	Indeno[1,2,3-cd]pyrene	34	U	34	5.5
53-70-3	Dibenz(a,h)anthracene	34	U	34	4.1
91-94-1	3,3'-Dichlorobenzidine	690	U	690	76
95-94-3	1,2,4,5-Tetrachlorobenzene	340	U	340	46
58-90-2	2,3,4,6-Tetrachlorophenol	340	U	340	69

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-23-VD-S (3.5-5.0) Lab Sample ID: 460-30837-13

Matrix: Solid Lab File ID: p19363.d

Analysis Method: 8270C Date Collected: 09/08/2011 17:45

Extract. Method: 3541 Date Extracted: 09/16/2011 07:35

Sample wt/vol: 15.02(g) Date Analyzed: 09/17/2011 11:49

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 3.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86513 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	90		38-105
4165-62-2	Phenol-d5	77		41-118
1718-51-0	Terphenyl-d14	87		16-151
118-79-6	2,4,6-Tribromophenol	77		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.: 460-30837-1

SDG No.:

Client Sample ID: PMP-23-VD-S (3.5-5.0) Lab Sample ID: 460-30837-13

Matrix: Solid Lab File ID: p19363.d

Analysis Method: 8270C Date Collected: 09/08/2011 17:45

Extract. Method: 3541 Date Extracted: 09/16/2011 07:35

Sample wt/vol: 15.02(g) Date Analyzed: 09/17/2011 11:49

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 3.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86513 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/8270/09-17-11/17sep11.b/p19363.d
Report Date: 18-Sep-2011 00:49

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/09-17-11/17sep11.b/p19363.d
Lab Smp Id: 460-30837-F-13-C Client Smp ID: PMP-23-VD-S (3.5-5.
Inj Date : 17-SEP-2011 11:49
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-30837-F-13-C
Misc Info : 460-30837-F-13-C
Comment   :
Method   : /chem/BNAMS10.i/8270/09-17-11/17sep11.b/8270C_08SP.m
Meth Date : 18-Sep-2011 00:43 asfawa Quant Type: ISTD
Cal Date : 17-SEP-2011 05:31 Cal File: p19351.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	15.02000	Weight of sample extracted (g)
M	3.69650	% 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	3.030	(0.687)	910844	80.4086	5600
$ 17 Phenol-d5 (SUR)	99	4.064	4.058	(0.914)	1087733	77.1896	5300
* 79 1,4-Dichlorobenzene-d4	152	4.446	4.446	(1.000)	367557	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	5.046	5.045	(0.869)	602993	45.0172	3100
* 80 Naphthalene-d8	136	5.809	5.809	(1.000)	1141685	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.932	6.931	(0.912)	984977	44.5840	3100
* 82 Acenaphthene-d10	164	7.601	7.607	(1.000)	641308	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.383	8.389	(1.103)	224266	77.3412	5300
* 83 Phenanthrene-d10	188	9.070	9.070	(1.000)	873821	40.0000	
$ 78 Terphenyl-d14	244	10.645	10.645	(0.904)	738853	43.5000	3000
* 81 Chrysene-d12	240	11.779	11.779	(1.000)	631430	40.0000	
* 84 Perylene-d12	264	13.636	13.641	(1.000)	547290	40.0000	

Data File: /chem/BNAMS10.i/8270/09-17-11/17sep11.b/p19363.d
Report Date: 18-Sep-2011 00:49

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/09-17-11/17sep11.b/p19363.d
Lab Smp Id: 460-30837-F-13-C Client Smp ID: PMP-23-VD-S (3.5-5.
Inj Date : 17-SEP-2011 11:49
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-30837-F-13-C
Misc Info : 460-30837-F-13-C
Comment   :
Method   : /chem/BNAMS10.i/8270/09-17-11/17sep11.b/8270C_08SP.m
Meth Date : 18-Sep-2011 00:43 asfawa Quant Type: ISTD
Cal Date : 17-SEP-2011 05:31 Cal File: p19351.d
Als bottle: 20
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

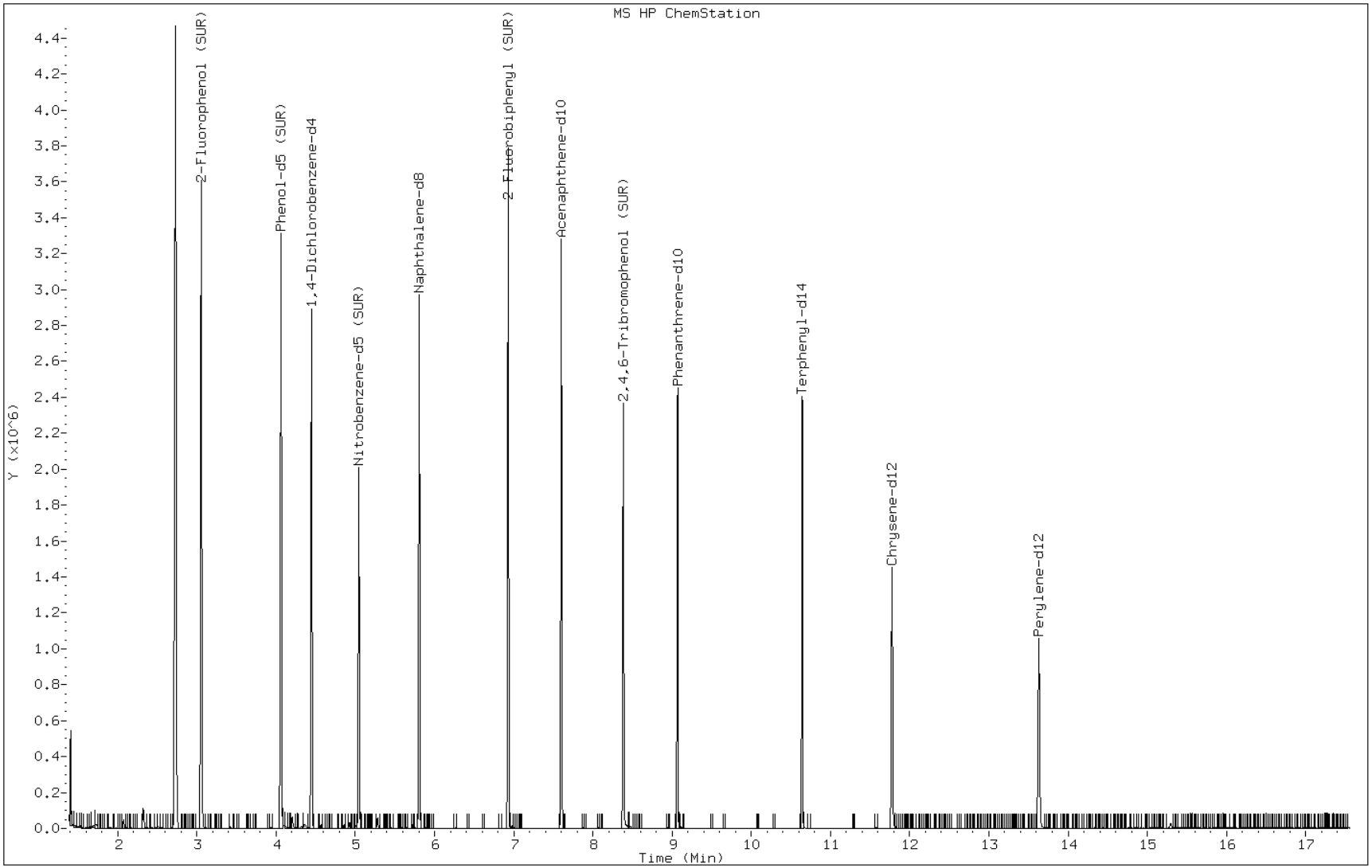
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: p19363.d

Date: 17-SEP-2011 11:49

Client ID: PMP-23-VD-S (3.5-5. Instrument: BNAMS10.i

Sample Info: 460-30837-F-13-C Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-12-VS-S (0.5-1.0) | Lab Sample ID: 460-30837-14

Matrix: Solid | Lab File ID: u70310.d

Analysis Method: 8270C | Date Collected: 09/09/2011 09:05

Extract. Method: 3541 | Date Extracted: 09/19/2011 12:00

Sample wt/vol: 15.01(g) | Date Analyzed: 09/21/2011 10:20

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86807 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	350	U	350	43
95-57-8	2-Chlorophenol	350	U	350	47
95-48-7	2-Methylphenol	350	U	350	50
106-44-5	4-Methylphenol	350	U	350	57
100-52-7	Benzaldehyde	350	U	350	22
98-86-2	Acetophenone	350	U	350	52
111-44-4	Bis(2-chloroethyl)ether	35	U	35	7.3
108-60-1	2,2'-oxybis[1-chloropropane]	350	U	350	46
621-64-7	N-Nitrosodi-n-propylamine	35	U	35	4.6
98-95-3	Nitrobenzene	35	U	35	7.8
67-72-1	Hexachloroethane	35	U	35	5.9
78-59-1	Isophorone	350	U	350	40
88-75-5	2-Nitrophenol	350	U	350	58
105-67-9	2,4-Dimethylphenol	350	U	350	56
120-83-2	2,4-Dichlorophenol	350	U	350	56
111-91-1	Bis(2-chloroethoxy)methane	350	U	350	50
91-20-3	Naphthalene	350	U	350	51
106-47-8	4-Chloroaniline	350	U	350	44
87-68-3	Hexachlorobutadiene	71	U	71	14
105-60-2	Caprolactam	350	U	350	48
59-50-7	4-Chloro-3-methylphenol	350	U	350	59
91-57-6	2-Methylnaphthalene	350	U	350	51
118-74-1	Hexachlorobenzene	35	U	35	4.9
77-47-4	Hexachlorocyclopentadiene	350	U	350	100
88-06-2	2,4,6-Trichlorophenol	350	U	350	63
95-95-4	2,4,5-Trichlorophenol	350	U	350	68
92-52-4	Diphenyl	350	U	350	58
91-58-7	2-Chloronaphthalene	350	U	350	50
88-74-4	2-Nitroaniline	710	U	710	96
606-20-2	2,6-Dinitrotoluene	71	U	71	8.9
131-11-3	Dimethyl phthalate	350	U	350	47
208-96-8	Acenaphthylene	350	U	350	50
99-09-2	3-Nitroaniline	710	U	710	79
83-32-9	Acenaphthene	350	U	350	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-12-VS-S (0.5-1.0) | Lab Sample ID: 460-30837-14

Matrix: Solid | Lab File ID: u70310.d

Analysis Method: 8270C | Date Collected: 09/09/2011 09:05

Extract. Method: 3541 | Date Extracted: 09/19/2011 12:00

Sample wt/vol: 15.01(g) | Date Analyzed: 09/21/2011 10:20

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86807 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1100	U	1100	90
51-28-5	2,4-Dinitrophenol	1100	U	1100	74
132-64-9	Dibenzofuran	350	U	350	53
84-66-2	Diethyl phthalate	350	U	350	47
86-73-7	Fluorene	350	U	350	59
206-44-0	Fluoranthene	350	U	350	58
84-74-2	Di-n-butyl phthalate	350	U	350	54
121-14-2	2,4-Dinitrotoluene	71	U	71	10
7005-72-3	4-Chlorophenyl phenyl ether	350	U	350	60
100-01-6	4-Nitroaniline	710	U	710	72
534-52-1	4,6-Dinitro-2-methylphenol	1100	U	1100	170
101-55-3	4-Bromophenyl phenyl ether	350	U	350	62
1912-24-9	Atrazine	350	U	350	65
120-12-7	Anthracene	350	U	350	62
86-74-8	Carbazole	350	U	350	56
85-01-8	Phenanthrene	350	U	350	61
87-86-5	Pentachlorophenol	1100	U	1100	170
129-00-0	Pyrene	350	U	350	61
218-01-9	Chrysene	350	U	350	51
207-08-9	Benzo[k]fluoranthene	35	U	35	4.9
191-24-2	Benzo[g,h,i]perylene	350	U	350	37
205-99-2	Benzo[b]fluoranthene	35	U	35	5.2
50-32-8	Benzo[a]pyrene	35	U	35	4.3
56-55-3	Benzo[a]anthracene	35	U	35	6.5
86-30-6	N-Nitrosodiphenylamine	350	U	350	57
85-68-7	Butyl benzyl phthalate	350	U	350	41
117-81-7	Bis(2-ethylhexyl) phthalate	350	U	350	47
117-84-0	Di-n-octyl phthalate	350	U	350	42
193-39-5	Indeno[1,2,3-cd]pyrene	35	U	35	5.6
53-70-3	Dibenz(a,h)anthracene	35	U	35	4.2
91-94-1	3,3'-Dichlorobenzidine	710	U	710	78
95-94-3	1,2,4,5-Tetrachlorobenzene	350	U *	350	47
58-90-2	2,3,4,6-Tetrachlorophenol	350	U	350	70

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-12-VS-S (0.5-1.0) Lab Sample ID: 460-30837-14

Matrix: Solid Lab File ID: u70310.d

Analysis Method: 8270C Date Collected: 09/09/2011 09:05

Extract. Method: 3541 Date Extracted: 09/19/2011 12:00

Sample wt/vol: 15.01(g) Date Analyzed: 09/21/2011 10:20

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 5.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86807 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	84		38-105
4165-62-2	Phenol-d5	85		41-118
1718-51-0	Terphenyl-d14	113		16-151
118-79-6	2,4,6-Tribromophenol	57		10-120
367-12-4	2-Fluorophenol	75		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.: 460-30837-1

SDG No.:

Client Sample ID: PMP-12-VS-S (0.5-1.0) Lab Sample ID: 460-30837-14

Matrix: Solid Lab File ID: u70310.d

Analysis Method: 8270C Date Collected: 09/09/2011 09:05

Extract. Method: 3541 Date Extracted: 09/19/2011 12:00

Sample wt/vol: 15.01(g) Date Analyzed: 09/21/2011 10:20

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 5.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86807 Units: ug/Kg

Number TICs Found: 1 TIC Result Total: 410

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	13.90	410	J

Data File: /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/u70310.d
Report Date: 21-Sep-2011 11:01

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/u70310.d
Lab Smp Id: 460-30837-F-14-C Client Smp ID: PMP-12-VS-S (0.5-1.
Inj Date : 21-SEP-2011 10:20
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-30837-F-14-C
Misc Info : 460-30837-F-14-C
Comment   :
Method   : /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/8270C_08SP.m
Meth Date : 21-Sep-2011 00:28 asfawa Quant Type: ISTD
Cal Date : 20-SEP-2011 14:32 Cal File: u70276.d
Als bottle: 30
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	5.79439	% 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	2.407	2.382	(0.666)	682823	75.1292	5300
$ 17 Phenol-d5 (SUR)	99	3.305	3.312	(0.914)	1156803	85.3182	6000
* 79 1,4-Dichlorobenzene-d4	152	3.614	3.622	(1.000)	252524	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.194	4.211	(0.854)	545900	42.0392	3000
* 80 Naphthalene-d8	136	4.908	4.921	(1.000)	857921	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.006	6.019	(0.902)	783827	46.8078	3300
* 82 Acenaphthene-d10	164	6.657	6.671	(1.000)	552800	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.436	7.450	(1.117)	177037	56.8563	4000
115 n-Octadecane	57	8.043	8.054	(0.992)	2107	0.14517	10(a)
* 83 Phenanthrene-d10	188	8.110	8.114	(1.000)	725977	40.0000	
$ 78 Terphenyl-d14	244	9.678	9.680	(0.903)	530211	56.7055	4000
* 81 Chrysene-d12	240	10.722	10.734	(1.000)	284258	40.0000	
* 84 Perylene-d12	264	12.433	12.445	(1.000)	160045	40.0000	

Data File: /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/u70310.d
Report Date: 21-Sep-2011 11:01

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/u70310.d
Report Date: 21-Sep-2011 11:01

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/u70310.d
Lab Smp Id: 460-30837-F-14-C Client Smp ID: PMP-12-VS-S (0.5-1.
Inj Date : 21-SEP-2011 10:20
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-30837-F-14-C
Misc Info : 460-30837-F-14-C
Comment   :
Method   : /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/8270C_08SP.m
Meth Date : 21-Sep-2011 00:28 asfawa Quant Type: ISTD
Cal Date : 20-SEP-2011 14:32 Cal File: u70276.d
Als bottle: 30
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	5.79439	% Moisture

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 84 Perylene-d12	12.433	368798	40.000

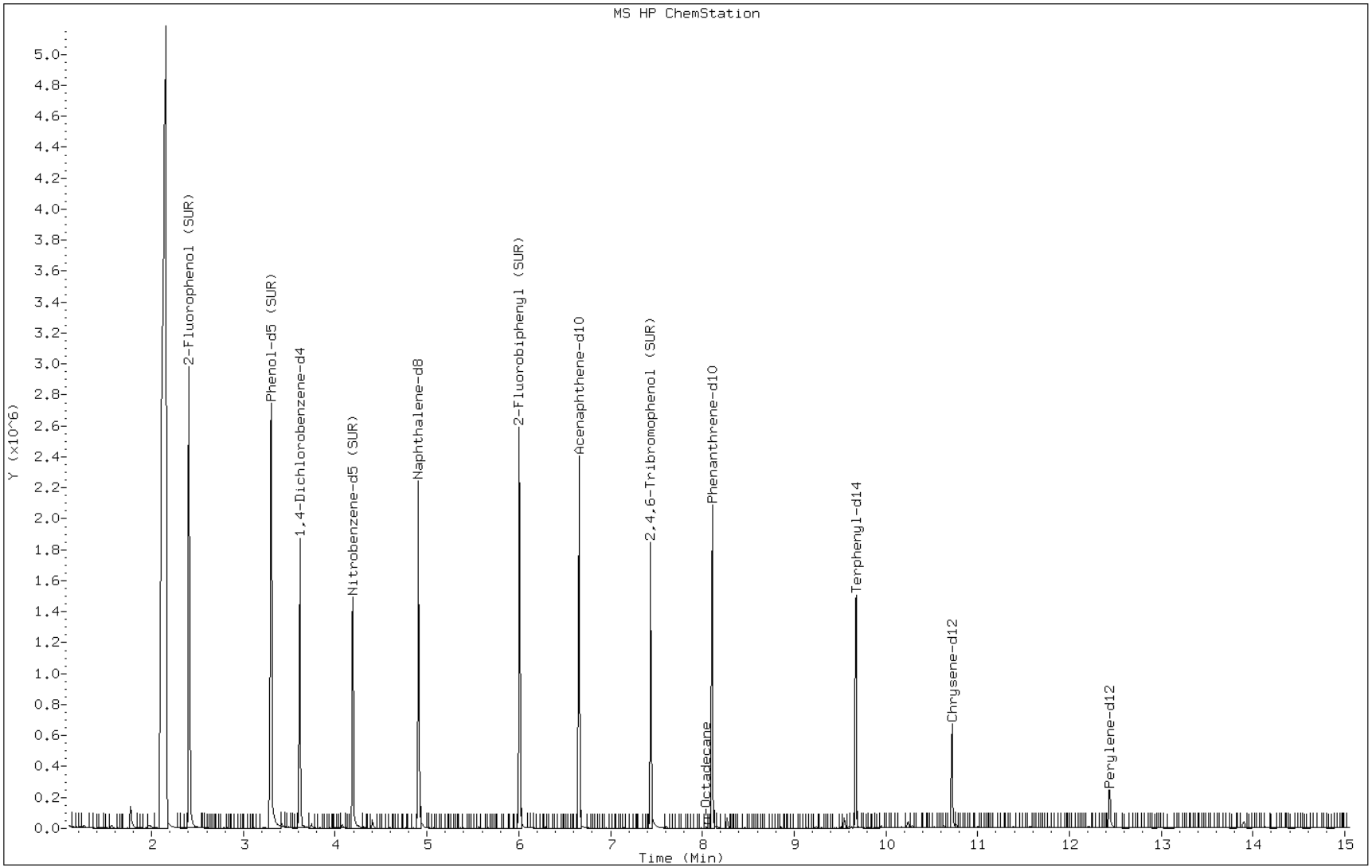
	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
13.901	53580	5.81134408	410	0		0	84

Data File: u70310.d

Date: 21-SEP-2011 10:20

Client ID: PMP-12-VS-S (0.5-1. Instrument: BNAMS4.i

Sample Info: 460-30837-F-14-C Operator: BNAMS 4



Data File: u70310.d

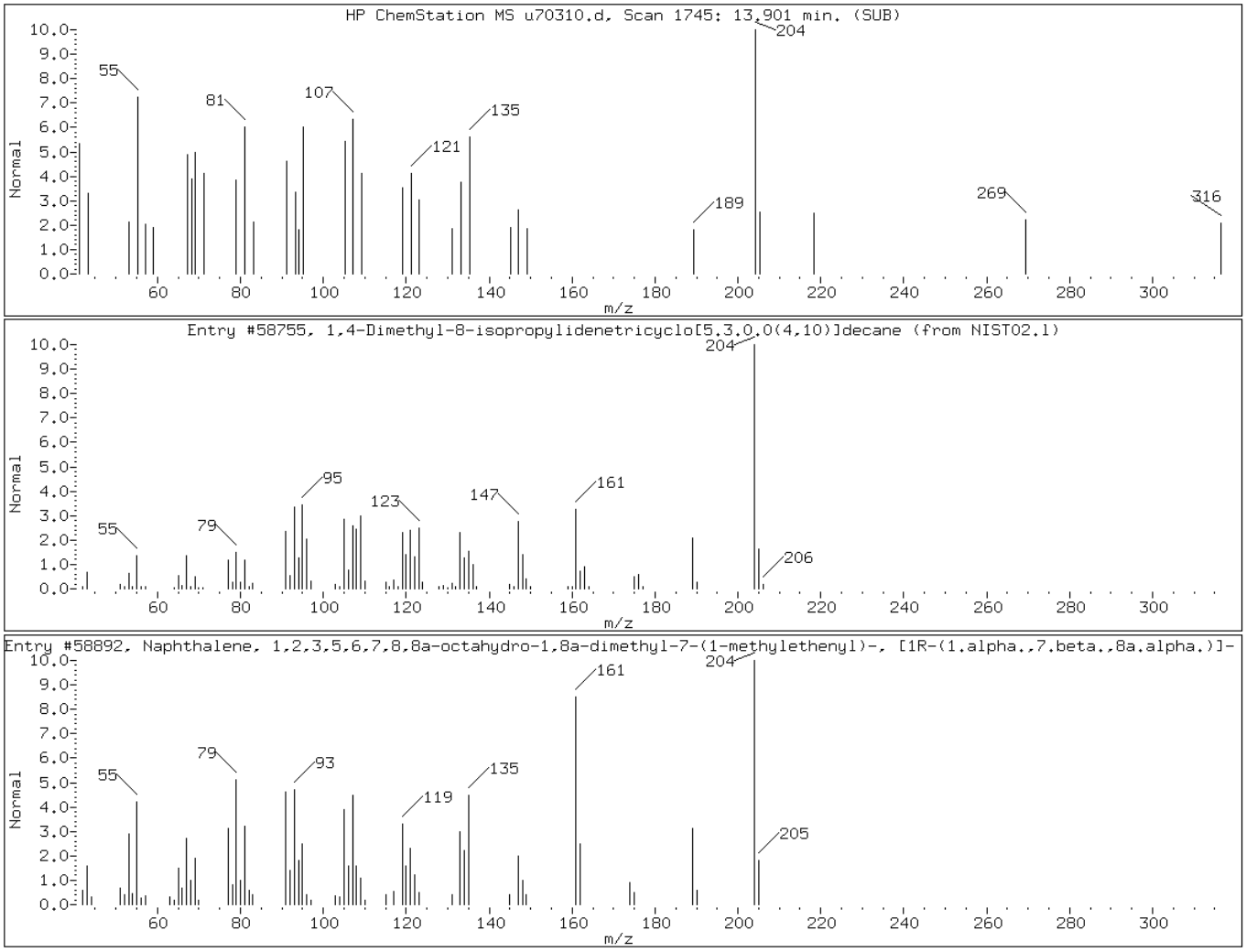
Date: 21-SEP-2011 10:20

Client ID: PMP-12-VS-S (0.5-1. Instrument: BNAMS4.i

Sample Info: 460-30837-F-14-C Operator: BNAMS 4

Retention Time: 13.90

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1,4-Dimethyl-8-isopropylidenetricy	1000140-07-7	NIST02.l	58755	52	C15H24	204
Naphthalene, 1,2,3,5,6,7,8,8a-octa	4630-07-3	NIST02.l	58892	52	C15H24	204



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-12-VD-S (2.5-3.0) | Lab Sample ID: 460-30837-15

Matrix: Solid | Lab File ID: u70288.d

Analysis Method: 8270C | Date Collected: 09/09/2011 09:10

Extract. Method: 3541 | Date Extracted: 09/19/2011 12:00

Sample wt/vol: 15.03(g) | Date Analyzed: 09/21/2011 03:15

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.: 86807 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	340	U	340	42
95-57-8	2-Chlorophenol	340	U	340	46
95-48-7	2-Methylphenol	340	U	340	49
106-44-5	4-Methylphenol	340	U	340	56
100-52-7	Benzaldehyde	340	U	340	21
98-86-2	Acetophenone	340	U	340	51
111-44-4	Bis(2-chloroethyl)ether	34	U	34	7.1
108-60-1	2,2'-oxybis[1-chloropropane]	340	U	340	45
621-64-7	N-Nitrosodi-n-propylamine	34	U	34	4.5
98-95-3	Nitrobenzene	34	U	34	7.7
67-72-1	Hexachloroethane	34	U	34	5.8
78-59-1	Isophorone	340	U	340	39
88-75-5	2-Nitrophenol	340	U	340	56
105-67-9	2,4-Dimethylphenol	340	U	340	55
120-83-2	2,4-Dichlorophenol	340	U	340	55
111-91-1	Bis(2-chloroethoxy)methane	340	U	340	49
91-20-3	Naphthalene	340	U	340	50
106-47-8	4-Chloroaniline	340	U	340	43
87-68-3	Hexachlorobutadiene	70	U	70	14
105-60-2	Caprolactam	340	U	340	47
59-50-7	4-Chloro-3-methylphenol	340	U	340	58
91-57-6	2-Methylnaphthalene	340	U	340	50
118-74-1	Hexachlorobenzene	34	U	34	4.8
77-47-4	Hexachlorocyclopentadiene	340	U	340	100
88-06-2	2,4,6-Trichlorophenol	340	U	340	61
95-95-4	2,4,5-Trichlorophenol	340	U	340	66
92-52-4	Diphenyl	340	U	340	57
91-58-7	2-Chloronaphthalene	340	U	340	48
88-74-4	2-Nitroaniline	700	U	700	94
606-20-2	2,6-Dinitrotoluene	70	U	70	8.7
131-11-3	Dimethyl phthalate	340	U	340	46
208-96-8	Acenaphthylene	340	U	340	49
99-09-2	3-Nitroaniline	700	U	700	78
83-32-9	Acenaphthene	340	U	340	49

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-12-VD-S (2.5-3.0) | Lab Sample ID: 460-30837-15

Matrix: Solid | Lab File ID: u70288.d

Analysis Method: 8270C | Date Collected: 09/09/2011 09:10

Extract. Method: 3541 | Date Extracted: 09/19/2011 12:00

Sample wt/vol: 15.03(g) | Date Analyzed: 09/21/2011 03:15

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.: 86807 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1000	U	1000	88
51-28-5	2,4-Dinitrophenol	1000	U	1000	73
132-64-9	Dibenzofuran	340	U	340	52
84-66-2	Diethyl phthalate	340	U	340	46
86-73-7	Fluorene	340	U	340	58
206-44-0	Fluoranthene	340	U	340	57
84-74-2	Di-n-butyl phthalate	340	U	340	52
121-14-2	2,4-Dinitrotoluene	70	U	70	10
7005-72-3	4-Chlorophenyl phenyl ether	340	U	340	59
100-01-6	4-Nitroaniline	700	U	700	71
534-52-1	4,6-Dinitro-2-methylphenol	1000	U	1000	160
101-55-3	4-Bromophenyl phenyl ether	340	U	340	61
1912-24-9	Atrazine	340	U	340	64
120-12-7	Anthracene	340	U	340	61
86-74-8	Carbazole	340	U	340	55
85-01-8	Phenanthrene	340	U	340	60
87-86-5	Pentachlorophenol	1000	U	1000	170
129-00-0	Pyrene	340	U	340	59
218-01-9	Chrysene	340	U	340	50
207-08-9	Benzo[k]fluoranthene	34	U	34	4.8
191-24-2	Benzo[g,h,i]perylene	340	U	340	36
205-99-2	Benzo[b]fluoranthene	34	U	34	5.1
50-32-8	Benzo[a]pyrene	34	U	34	4.2
56-55-3	Benzo[a]anthracene	34	U	34	6.3
86-30-6	N-Nitrosodiphenylamine	340	U	340	56
85-68-7	Butyl benzyl phthalate	340	U	340	40
117-81-7	Bis(2-ethylhexyl) phthalate	340	U	340	46
117-84-0	Di-n-octyl phthalate	340	U	340	41
193-39-5	Indeno[1,2,3-cd]pyrene	34	U	34	5.5
53-70-3	Dibenz(a,h)anthracene	34	U	34	4.1
91-94-1	3,3'-Dichlorobenzidine	700	U	700	76
95-94-3	1,2,4,5-Tetrachlorobenzene	340	U *	340	46
58-90-2	2,3,4,6-Tetrachlorophenol	340	U	340	69

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-12-VD-S (2.5-3.0) Lab Sample ID: 460-30837-15

Matrix: Solid Lab File ID: u70288.d

Analysis Method: 8270C Date Collected: 09/09/2011 09:10

Extract. Method: 3541 Date Extracted: 09/19/2011 12:00

Sample wt/vol: 15.03(g) Date Analyzed: 09/21/2011 03:15

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.: 86807 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	68		38-105
4165-62-2	Phenol-d5	67		41-118
1718-51-0	Terphenyl-d14	67		16-151
118-79-6	2,4,6-Tribromophenol	67		10-120
367-12-4	2-Fluorophenol	60		37-125
321-60-8	2-Fluorobiphenyl	74		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-12-VD-S (2.5-3.0) Lab Sample ID: 460-30837-15

Matrix: Solid Lab File ID: u70288.d

Analysis Method: 8270C Date Collected: 09/09/2011 09:10

Extract. Method: 3541 Date Extracted: 09/19/2011 12:00

Sample wt/vol: 15.03(g) Date Analyzed: 09/21/2011 03:15

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.: 86807 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/09-20-11/20sep11a.b/u70288.d
Report Date: 21-Sep-2011 09:03

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/u70288.d
Lab Smp Id: 460-30837-F-15-C Client Smp ID: PMP-12-VD-S (2.5-3.
Inj Date : 21-SEP-2011 03:15
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-30837-F-15-C
Misc Info : 460-30837-F-15-C
Comment   :
Method   : /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/8270C_08SP.m
Meth Date : 21-Sep-2011 00:28 asfawa Quant Type: ISTD
Cal Date : 20-SEP-2011 14:32 Cal File: u70276.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	3.80228	% 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	2.411	2.382	(0.667)	520984	60.1504	4200
$ 17 Phenol-d5 (SUR)	99	3.298	3.312	(0.913)	869487	67.2912	4600
* 79 1,4-Dichlorobenzene-d4	152	3.613	3.622	(1.000)	240652	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.191	4.211	(0.854)	411450	34.1474	2400
* 80 Naphthalene-d8	136	4.909	4.921	(1.000)	796066	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.013	6.019	(0.903)	590820	37.1190	2600
* 82 Acenaphthene-d10	164	6.659	6.671	(1.000)	525443	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.443	7.450	(1.118)	198568	67.0913	4600
* 83 Phenanthrene-d10	188	8.112	8.114	(1.000)	805857	40.0000	
$ 78 Terphenyl-d14	244	9.681	9.680	(0.902)	689097	33.7369	2300
* 81 Chrysene-d12	240	10.731	10.734	(1.000)	620961	40.0000	
* 84 Perylene-d12	264	12.444	12.445	(1.000)	369171	40.0000	

Data File: /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/u70288.d
Report Date: 21-Sep-2011 09:03

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/u70288.d
Lab Smp Id: 460-30837-F-15-C Client Smp ID: PMP-12-VD-S (2.5-3.
Inj Date : 21-SEP-2011 03:15
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-30837-F-15-C
Misc Info : 460-30837-F-15-C
Comment   :
Method   : /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/8270C_08SP.m
Meth Date : 21-Sep-2011 00:28 asfawa Quant Type: ISTD
Cal Date : 20-SEP-2011 14:32 Cal File: u70276.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

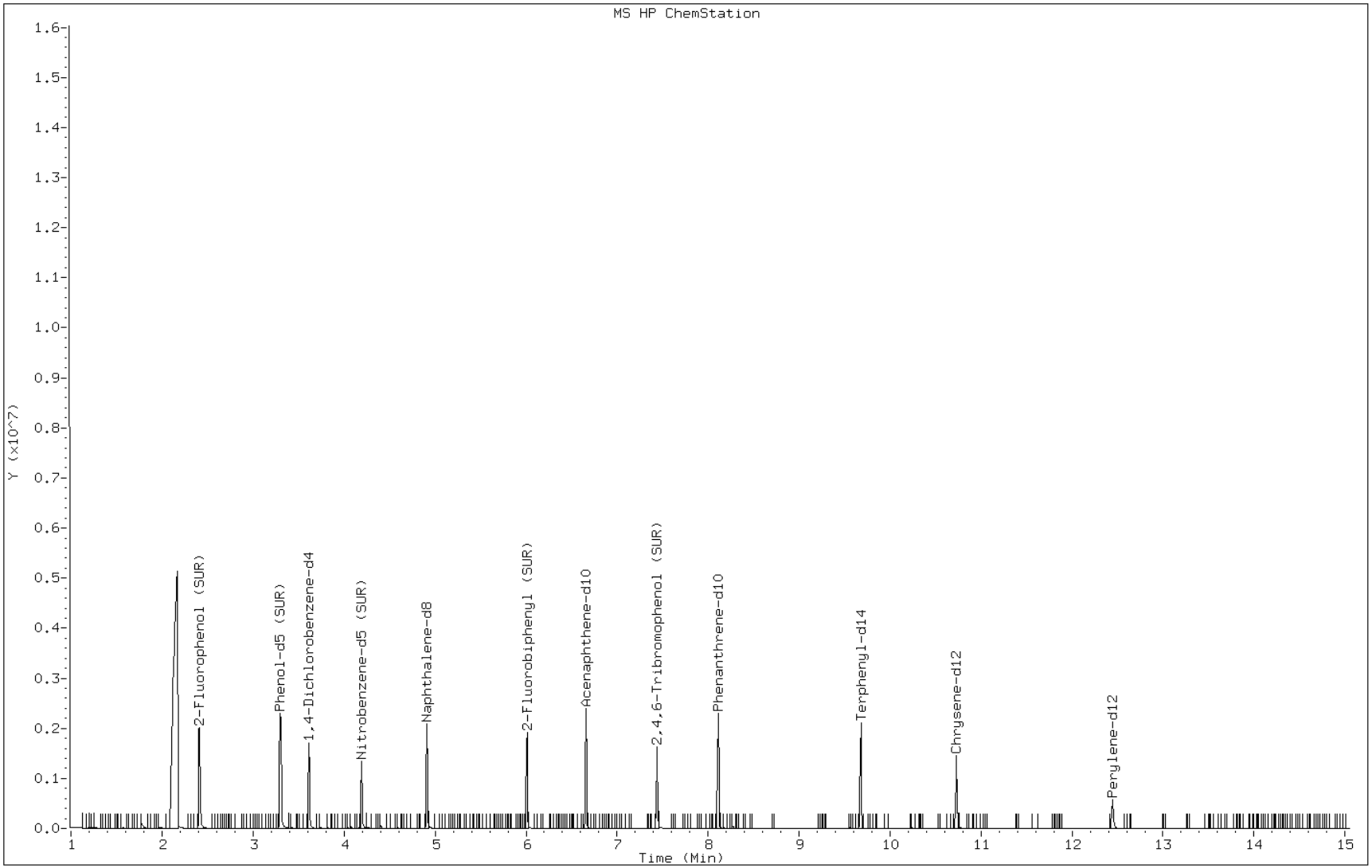
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: u70288.d

Date: 21-SEP-2011 03:15

Client ID: PMP-12-VD-S (2.5-3. Instrument: BNAMS4.i

Sample Info: 460-30837-F-15-C Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-12-WT-S (7.0-7.5) | Lab Sample ID: 460-30837-16

Matrix: Solid | Lab File ID: u70289.d

Analysis Method: 8270C | Date Collected: 09/09/2011 09:15

Extract. Method: 3541 | Date Extracted: 09/19/2011 12:00

Sample wt/vol: 15.02(g) | Date Analyzed: 09/21/2011 03:34

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86807 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	370	U	370	46
95-57-8	2-Chlorophenol	370	U	370	50
95-48-7	2-Methylphenol	370	U	370	54
106-44-5	4-Methylphenol	370	U	370	61
100-52-7	Benzaldehyde	370	U	370	23
98-86-2	Acetophenone	370	U	370	56
111-44-4	Bis(2-chloroethyl)ether	37	U	37	7.8
108-60-1	2,2'-oxybis[1-chloropropane]	370	U	370	49
621-64-7	N-Nitrosodi-n-propylamine	37	U	37	5.0
98-95-3	Nitrobenzene	37	U	37	8.4
67-72-1	Hexachloroethane	37	U	37	6.3
78-59-1	Isophorone	370	U	370	43
88-75-5	2-Nitrophenol	370	U	370	62
105-67-9	2,4-Dimethylphenol	370	U	370	60
120-83-2	2,4-Dichlorophenol	370	U	370	60
111-91-1	Bis(2-chloroethoxy)methane	370	U	370	54
91-20-3	Naphthalene	370	U	370	55
106-47-8	4-Chloroaniline	370	U	370	47
87-68-3	Hexachlorobutadiene	76	U	76	15
105-60-2	Caprolactam	370	U	370	51
59-50-7	4-Chloro-3-methylphenol	370	U	370	63
91-57-6	2-Methylnaphthalene	370	U	370	55
118-74-1	Hexachlorobenzene	37	U	37	5.2
77-47-4	Hexachlorocyclopentadiene	370	U	370	110
88-06-2	2,4,6-Trichlorophenol	370	U	370	67
95-95-4	2,4,5-Trichlorophenol	370	U	370	72
92-52-4	Diphenyl	370	U	370	62
91-58-7	2-Chloronaphthalene	370	U	370	53
88-74-4	2-Nitroaniline	760	U	760	100
606-20-2	2,6-Dinitrotoluene	76	U	76	9.5
131-11-3	Dimethyl phthalate	370	U	370	51
208-96-8	Acenaphthylene	370	U	370	54
99-09-2	3-Nitroaniline	760	U	760	85
83-32-9	Acenaphthene	370	U	370	53

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-12-WT-S (7.0-7.5) | Lab Sample ID: 460-30837-16

Matrix: Solid | Lab File ID: u70289.d

Analysis Method: 8270C | Date Collected: 09/09/2011 09:15

Extract. Method: 3541 | Date Extracted: 09/19/2011 12:00

Sample wt/vol: 15.02(g) | Date Analyzed: 09/21/2011 03:34

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86807 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1100	U	1100	96
51-28-5	2,4-Dinitrophenol	1100	U	1100	80
132-64-9	Dibenzofuran	370	U	370	56
84-66-2	Diethyl phthalate	370	U	370	50
86-73-7	Fluorene	370	U	370	63
206-44-0	Fluoranthene	370	U	370	62
84-74-2	Di-n-butyl phthalate	370	U	370	57
121-14-2	2,4-Dinitrotoluene	76	U	76	11
7005-72-3	4-Chlorophenyl phenyl ether	370	U	370	64
100-01-6	4-Nitroaniline	760	U	760	77
534-52-1	4,6-Dinitro-2-methylphenol	1100	U	1100	180
101-55-3	4-Bromophenyl phenyl ether	370	U	370	67
1912-24-9	Atrazine	370	U	370	70
120-12-7	Anthracene	370	U	370	66
86-74-8	Carbazole	370	U	370	60
85-01-8	Phenanthrene	370	U	370	65
87-86-5	Pentachlorophenol	1100	U	1100	180
129-00-0	Pyrene	370	U	370	65
218-01-9	Chrysene	370	U	370	55
207-08-9	Benzo[k]fluoranthene	37	U	37	5.2
191-24-2	Benzo[g,h,i]perylene	370	U	370	40
205-99-2	Benzo[b]fluoranthene	37	U	37	5.6
50-32-8	Benzo[a]pyrene	37	U	37	4.6
56-55-3	Benzo[a]anthracene	37	U	37	6.9
86-30-6	N-Nitrosodiphenylamine	370	U	370	61
85-68-7	Butyl benzyl phthalate	370	U	370	44
117-81-7	Bis(2-ethylhexyl) phthalate	370	U	370	50
117-84-0	Di-n-octyl phthalate	370	U	370	45
193-39-5	Indeno[1,2,3-cd]pyrene	37	U	37	6.0
53-70-3	Dibenz(a,h)anthracene	37	U	37	4.5
91-94-1	3,3'-Dichlorobenzidine	760	U	760	83
95-94-3	1,2,4,5-Tetrachlorobenzene	370	U *	370	50
58-90-2	2,3,4,6-Tetrachlorophenol	370	U	370	75

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-12-WT-S (7.0-7.5) Lab Sample ID: 460-30837-16

Matrix: Solid Lab File ID: u70289.d

Analysis Method: 8270C Date Collected: 09/09/2011 09:15

Extract. Method: 3541 Date Extracted: 09/19/2011 12:00

Sample wt/vol: 15.02(g) Date Analyzed: 09/21/2011 03:34

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 11.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86807 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	50		38-105
4165-62-2	Phenol-d5	59		41-118
1718-51-0	Terphenyl-d14	62		16-151
118-79-6	2,4,6-Tribromophenol	59		10-120
367-12-4	2-Fluorophenol	49		37-125
321-60-8	2-Fluorobiphenyl	54		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-12-WT-S (7.0-7.5) Lab Sample ID: 460-30837-16

Matrix: Solid Lab File ID: u70289.d

Analysis Method: 8270C Date Collected: 09/09/2011 09:15

Extract. Method: 3541 Date Extracted: 09/19/2011 12:00

Sample wt/vol: 15.02(g) Date Analyzed: 09/21/2011 03:34

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 11.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86807 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/09-20-11/20sep11a.b/u70289.d
Report Date: 21-Sep-2011 09:39

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/u70289.d
Lab Smp Id: 460-30837-F-16-C Client Smp ID: PMP-12-WT-S (7.0-7.
Inj Date : 21-SEP-2011 03:34
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-30837-F-16-C
Misc Info : 460-30837-F-16-C
Comment   :
Method   : /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/8270C_08SP.m
Meth Date : 21-Sep-2011 00:28 asfawa Quant Type: ISTD
Cal Date : 20-SEP-2011 14:32 Cal File: u70276.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	15.02000	Weight of sample extracted (g)
M	11.89655	% 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	2.408	2.382	(0.666)	404447	48.6719	3700
$ 17 Phenol-d5 (SUR)	99	3.299	3.312	(0.912)	736551	59.4157	4500
* 79 1,4-Dichlorobenzene-d4	152	3.615	3.622	(1.000)	230880	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.188	4.211	(0.853)	309475	25.1931	1900
* 80 Naphthalene-d8	136	4.911	4.921	(1.000)	811582	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.006	6.019	(0.902)	464617	27.0459	2000
* 82 Acenaphthene-d10	164	6.659	6.671	(1.000)	567100	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.441	7.450	(1.117)	187274	58.6274	4400
* 83 Phenanthrene-d10	188	8.108	8.114	(1.000)	827296	40.0000	
$ 78 Terphenyl-d14	244	9.676	9.680	(0.902)	668460	31.0761	2300
* 81 Chrysene-d12	240	10.723	10.734	(1.000)	653939	40.0000	
* 84 Perylene-d12	264	12.442	12.445	(1.000)	360854	40.0000	

Data File: /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/u70289.d
Report Date: 21-Sep-2011 09:39

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/u70289.d
Lab Smp Id: 460-30837-F-16-C Client Smp ID: PMP-12-WT-S (7.0-7.
Inj Date : 21-SEP-2011 03:34
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-30837-F-16-C
Misc Info : 460-30837-F-16-C
Comment   :
Method   : /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/8270C_08SP.m
Meth Date : 21-Sep-2011 00:28 asfawa Quant Type: ISTD
Cal Date : 20-SEP-2011 14:32 Cal File: u70276.d
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

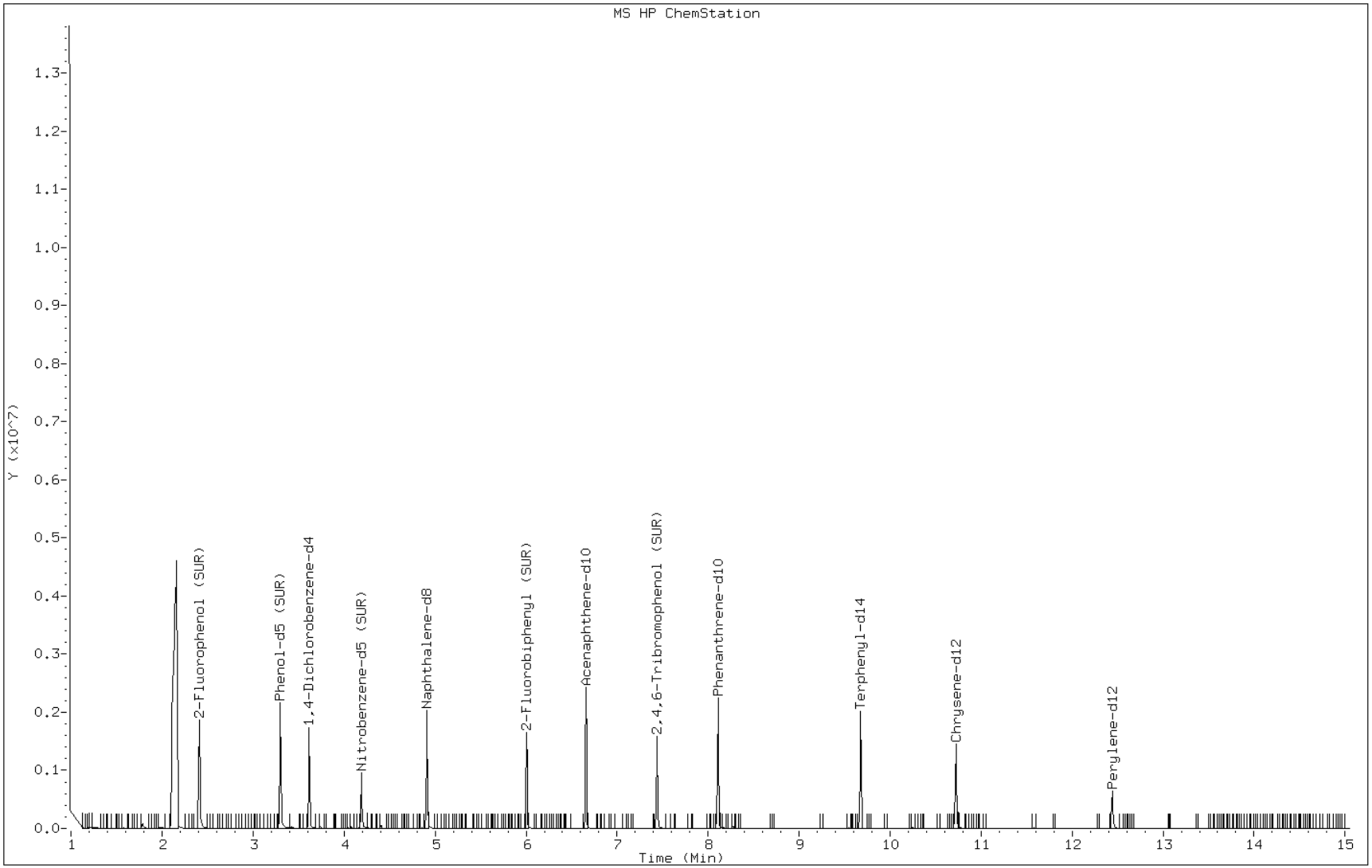
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: u70289.d

Date: 21-SEP-2011 03:34

Client ID: PMP-12-WT-S (7.0-7. Instrument: BNAMS4.i

Sample Info: 460-30837-F-16-C Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: Dup_090811 | Lab Sample ID: 460-30837-17

Matrix: Solid | Lab File ID: z10030.d

Analysis Method: 8270C | Date Collected: 09/09/2011 00:00

Extract. Method: 3541 | Date Extracted: 09/20/2011 13:00

Sample wt/vol: 15.00(g) | Date Analyzed: 09/21/2011 04:43

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86827 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	370	U	370	45
95-57-8	2-Chlorophenol	370	U	370	50
95-48-7	2-Methylphenol	370	U	370	53
106-44-5	4-Methylphenol	370	U	370	61
100-52-7	Benzaldehyde	370	U	370	23
98-86-2	Acetophenone	370	U	370	55
111-44-4	Bis(2-chloroethyl)ether	37	U	37	7.7
108-60-1	2,2'-oxybis[1-chloropropane]	370	U	370	49
621-64-7	N-Nitrosodi-n-propylamine	37	U	37	4.9
98-95-3	Nitrobenzene	37	U	37	8.3
67-72-1	Hexachloroethane	37	U	37	6.3
78-59-1	Isophorone	370	U	370	43
88-75-5	2-Nitrophenol	370	U	370	61
105-67-9	2,4-Dimethylphenol	370	U	370	59
120-83-2	2,4-Dichlorophenol	370	U	370	59
111-91-1	Bis(2-chloroethoxy)methane	370	U	370	53
91-20-3	Naphthalene	370	U	370	54
106-47-8	4-Chloroaniline	370	U	370	47
87-68-3	Hexachlorobutadiene	75	U	75	15
105-60-2	Caprolactam	370	U	370	51
59-50-7	4-Chloro-3-methylphenol	370	U	370	62
91-57-6	2-Methylnaphthalene	370	U	370	54
118-74-1	Hexachlorobenzene	37	U	37	5.2
77-47-4	Hexachlorocyclopentadiene	370	U	370	110
88-06-2	2,4,6-Trichlorophenol	370	U	370	66
95-95-4	2,4,5-Trichlorophenol	370	U	370	72
92-52-4	Diphenyl	370	U	370	61
91-58-7	2-Chloronaphthalene	370	U	370	52
88-74-4	2-Nitroaniline	750	U	750	100
606-20-2	2,6-Dinitrotoluene	75	U	75	9.4
131-11-3	Dimethyl phthalate	370	U	370	50
208-96-8	Acenaphthylene	370	U	370	53
99-09-2	3-Nitroaniline	750	U	750	84
83-32-9	Acenaphthene	370	U	370	53

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: Dup_090811 | Lab Sample ID: 460-30837-17

Matrix: Solid | Lab File ID: z10030.d

Analysis Method: 8270C | Date Collected: 09/09/2011 00:00

Extract. Method: 3541 | Date Extracted: 09/20/2011 13:00

Sample wt/vol: 15.00(g) | Date Analyzed: 09/21/2011 04:43

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86827 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1100	U	1100	95
51-28-5	2,4-Dinitrophenol	1100	U	1100	79
132-64-9	Dibenzofuran	370	U	370	56
84-66-2	Diethyl phthalate	370	U	370	50
86-73-7	Fluorene	370	U	370	63
206-44-0	Fluoranthene	370	U	370	62
84-74-2	Di-n-butyl phthalate	370	U	370	57
121-14-2	2,4-Dinitrotoluene	75	U	75	11
7005-72-3	4-Chlorophenyl phenyl ether	370	U	370	64
100-01-6	4-Nitroaniline	750	U	750	77
534-52-1	4,6-Dinitro-2-methylphenol	1100	U	1100	180
101-55-3	4-Bromophenyl phenyl ether	370	U	370	66
1912-24-9	Atrazine	370	U	370	69
120-12-7	Anthracene	370	U	370	66
86-74-8	Carbazole	370	U	370	59
85-01-8	Phenanthrene	370	U	370	65
87-86-5	Pentachlorophenol	1100	U	1100	180
129-00-0	Pyrene	370	U	370	64
218-01-9	Chrysene	370	U	370	54
207-08-9	Benzo[k]fluoranthene	37	U	37	5.2
191-24-2	Benzo[g,h,i]perylene	370	U	370	39
205-99-2	Benzo[b]fluoranthene	37	U	37	5.5
50-32-8	Benzo[a]pyrene	37	U	37	4.6
56-55-3	Benzo[a]anthracene	37	U	37	6.9
86-30-6	N-Nitrosodiphenylamine	370	U	370	61
85-68-7	Butyl benzyl phthalate	370	U	370	43
117-81-7	Bis(2-ethylhexyl) phthalate	370	U	370	49
117-84-0	Di-n-octyl phthalate	370	U	370	44
193-39-5	Indeno[1,2,3-cd]pyrene	37	U	37	5.9
53-70-3	Dibenz(a,h)anthracene	37	U	37	4.5
91-94-1	3,3'-Dichlorobenzidine	750	U	750	82
95-94-3	1,2,4,5-Tetrachlorobenzene	370	U	370	50
58-90-2	2,3,4,6-Tetrachlorophenol	370	U	370	74

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Dup_090811 Lab Sample ID: 460-30837-17

Matrix: Solid Lab File ID: z10030.d

Analysis Method: 8270C Date Collected: 09/09/2011 00:00

Extract. Method: 3541 Date Extracted: 09/20/2011 13:00

Sample wt/vol: 15.00(g) Date Analyzed: 09/21/2011 04:43

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 10.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86827 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	69		38-105
4165-62-2	Phenol-d5	71		41-118
1718-51-0	Terphenyl-d14	98		16-151
118-79-6	2,4,6-Tribromophenol	47		10-120
367-12-4	2-Fluorophenol	63		37-125
321-60-8	2-Fluorobiphenyl	70		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: Dup_090811 | Lab Sample ID: 460-30837-17

Matrix: Solid | Lab File ID: z10030.d

Analysis Method: 8270C | Date Collected: 09/09/2011 00:00

Extract. Method: 3541 | Date Extracted: 09/20/2011 13:00

Sample wt/vol: 15.00(g) | Date Analyzed: 09/21/2011 04:43

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86827 | 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/BNAMS11.i/8270/09-13-11/20sep11a.b/z10030.d
Report Date: 21-Sep-2011 10:38

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-13-11/20sep11a.b/z10030.d
Lab Smp Id: 460-30837-F-17-C Client Smp ID: Dup_090811
Inj Date : 21-SEP-2011 04:43
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-30837-F-17-C
Misc Info : 460-30837-F-17-C
Comment   :
Method   : /chem/BNAMS11.i/8270/09-13-11/20sep11a.b/8270C_08SP.m
Meth Date : 21-Sep-2011 00:58 asfawa Quant Type: ISTD
Cal Date : 13-SEP-2011 14:23 Cal File: z19792.d
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-soil.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	10.91854	% 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	2.666	2.619	(0.686)	1277469	62.7191	4700
$ 17 Phenol-d5 (SUR)	99	3.549	3.554	(0.914)	1518377	70.9649	5300
* 79 1,4-Dichlorobenzene-d4	152	3.884	3.890	(1.000)	536796	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.443	4.454	(0.860)	735187	34.2965	2600
* 80 Naphthalene-d8	136	5.166	5.178	(1.000)	1978862	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.266	6.266	(0.906)	1208819	35.2421	2600
* 82 Acenaphthene-d10	164	6.919	6.925	(1.000)	906517	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.695	7.701	(1.112)	188276	46.9416	3500
* 83 Phenanthrene-d10	188	8.372	8.372	(1.000)	979783	40.0000	
$ 78 Terphenyl-d14	244	9.936	9.942	(0.901)	556171	48.9059	3700
* 81 Chrysene-d12	240	11.025	11.030	(1.000)	397184	40.0000	
* 84 Perylene-d12	264	12.819	12.819	(1.000)	321588	40.0000	

Data File: /chem/BNAMS11.i/8270/09-13-11/20sep11a.b/z10030.d
Report Date: 21-Sep-2011 10:38

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-13-11/20sep11a.b/z10030.d
Lab Smp Id: 460-30837-F-17-C Client Smp ID: Dup_090811
Inj Date : 21-SEP-2011 04:43
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-30837-F-17-C
Misc Info : 460-30837-F-17-C
Comment   :
Method   : /chem/BNAMS11.i/8270/09-13-11/20sep11a.b/8270C_08SP.m
Meth Date : 21-Sep-2011 00:58 asfawa Quant Type: ISTD
Cal Date : 13-SEP-2011 14:23 Cal File: z19792.d
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-soil.sub
Target Version: 3.50
Processing Host: hpd1

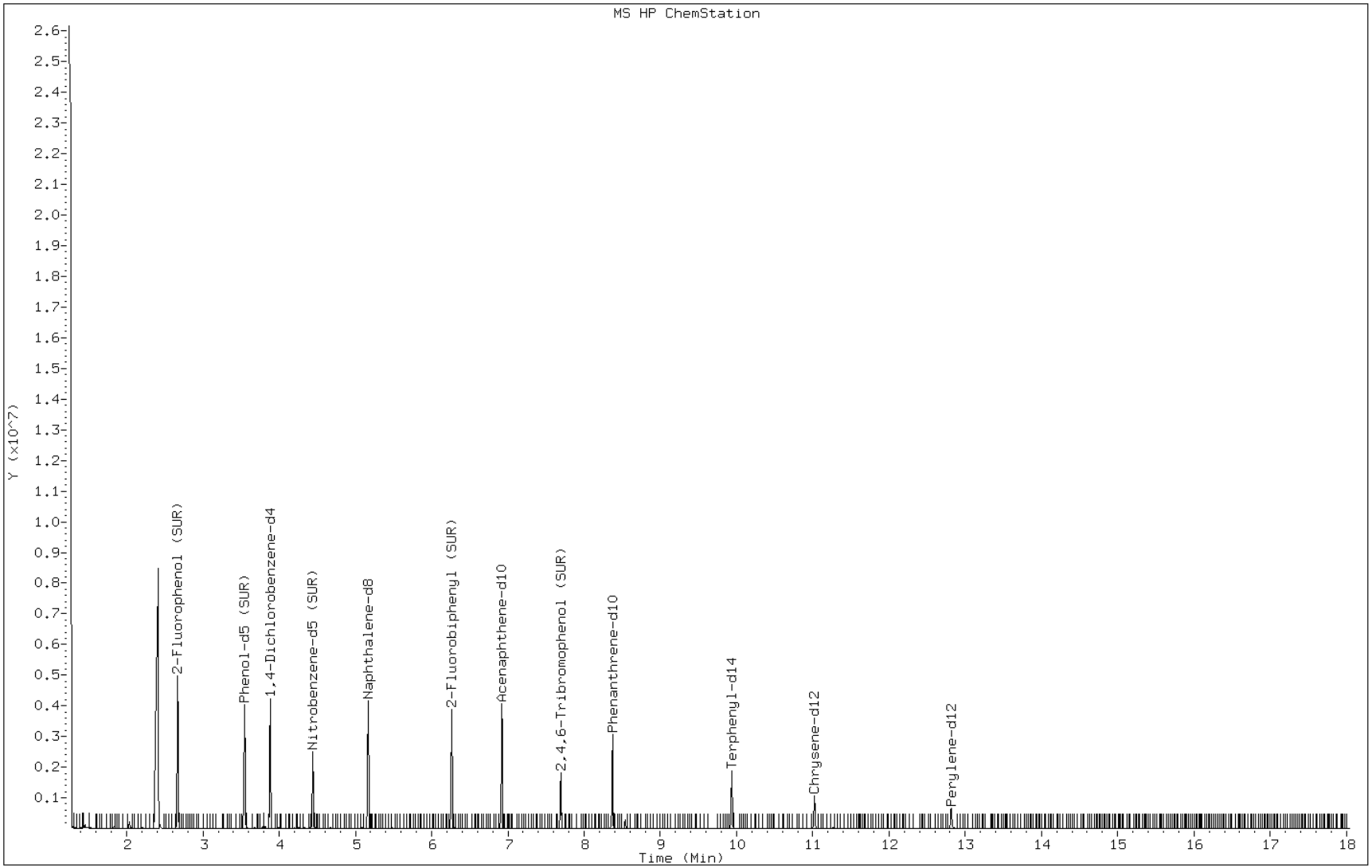
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: z10030.d

Date: 21-SEP-2011 04:43

Client ID: Dup_090811 Instrument: BNAMS11.i

Sample Info: 460-30837-F-17-C Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-25-VS-S (1-3) | Lab Sample ID: 460-30837-18

Matrix: Solid | Lab File ID: u70075.d

Analysis Method: 8270C | Date Collected: 09/09/2011 09:35

Extract. Method: 3541 | Date Extracted: 09/13/2011 10:15

Sample wt/vol: 15.00(g) | Date Analyzed: 09/14/2011 04:27

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 7.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86039 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	360	U	360	44
95-57-8	2-Chlorophenol	360	U	360	48
95-48-7	2-Methylphenol	360	U	360	51
106-44-5	4-Methylphenol	360	U	360	58
100-52-7	Benzaldehyde	360	U	360	22
98-86-2	Acetophenone	360	U	360	53
111-44-4	Bis(2-chloroethyl)ether	36	U	36	7.4
108-60-1	2,2'-oxybis[1-chloropropane]	360	U	360	47
621-64-7	N-Nitrosodi-n-propylamine	36	U	36	4.7
98-95-3	Nitrobenzene	36	U	36	8.0
67-72-1	Hexachloroethane	36	U	36	6.0
78-59-1	Isophorone	360	U	360	41
88-75-5	2-Nitrophenol	360	U	360	59
105-67-9	2,4-Dimethylphenol	360	U	360	57
120-83-2	2,4-Dichlorophenol	360	U	360	57
111-91-1	Bis(2-chloroethoxy)methane	360	U	360	51
91-20-3	Naphthalene	360	U	360	52
106-47-8	4-Chloroaniline	360	U	360	45
87-68-3	Hexachlorobutadiene	72	U	72	14
105-60-2	Caprolactam	360	U	360	49
59-50-7	4-Chloro-3-methylphenol	360	U	360	60
91-57-6	2-Methylnaphthalene	360	U	360	52
118-74-1	Hexachlorobenzene	36	U	36	4.9
77-47-4	Hexachlorocyclopentadiene	360	U	360	100
88-06-2	2,4,6-Trichlorophenol	360	U	360	64
95-95-4	2,4,5-Trichlorophenol	360	U	360	69
92-52-4	Diphenyl	360	U	360	59
91-58-7	2-Chloronaphthalene	360	U	360	50
88-74-4	2-Nitroaniline	720	U	720	97
606-20-2	2,6-Dinitrotoluene	72	U	72	9.1
131-11-3	Dimethyl phthalate	360	U	360	48
208-96-8	Acenaphthylene	360	U	360	51
99-09-2	3-Nitroaniline	720	U	720	81
83-32-9	Acenaphthene	360	U	360	51

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-25-VS-S (1-3) | Lab Sample ID: 460-30837-18

Matrix: Solid | Lab File ID: u70075.d

Analysis Method: 8270C | Date Collected: 09/09/2011 09:35

Extract. Method: 3541 | Date Extracted: 09/13/2011 10:15

Sample wt/vol: 15.00(g) | Date Analyzed: 09/14/2011 04:27

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 7.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86039 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1100	U	1100	92
51-28-5	2,4-Dinitrophenol	1100	U	1100	76
132-64-9	Dibenzofuran	360	U	360	54
84-66-2	Diethyl phthalate	360	U	360	48
86-73-7	Fluorene	360	U	360	60
206-44-0	Fluoranthene	360	U	360	59
84-74-2	Di-n-butyl phthalate	360	U	360	54
121-14-2	2,4-Dinitrotoluene	72	U	72	10
7005-72-3	4-Chlorophenyl phenyl ether	360	U	360	61
100-01-6	4-Nitroaniline	720	U	720	74
534-52-1	4,6-Dinitro-2-methylphenol	1100	U	1100	170
101-55-3	4-Bromophenyl phenyl ether	360	U	360	63
1912-24-9	Atrazine	360	U	360	66
120-12-7	Anthracene	360	U	360	63
86-74-8	Carbazole	360	U	360	57
85-01-8	Phenanthrene	360	U	360	62
87-86-5	Pentachlorophenol	1100	U	1100	170
129-00-0	Pyrene	360	U	360	62
218-01-9	Chrysene	360	U	360	52
207-08-9	Benzo[k]fluoranthene	36	U	36	5.0
191-24-2	Benzo[g,h,i]perylene	360	U	360	38
205-99-2	Benzo[b]fluoranthene	36	U	36	5.3
50-32-8	Benzo[a]pyrene	36	U	36	4.4
56-55-3	Benzo[a]anthracene	36	U	36	6.6
86-30-6	N-Nitrosodiphenylamine	360	U	360	58
85-68-7	Butyl benzyl phthalate	360	U	360	42
117-81-7	Bis(2-ethylhexyl) phthalate	360	U	360	47
117-84-0	Di-n-octyl phthalate	360	U	360	42
193-39-5	Indeno[1,2,3-cd]pyrene	36	U	36	5.7
53-70-3	Dibenz(a,h)anthracene	36	U	36	4.3
91-94-1	3,3'-Dichlorobenzidine	720	U	720	79
95-94-3	1,2,4,5-Tetrachlorobenzene	360	U	360	48
58-90-2	2,3,4,6-Tetrachlorophenol	360	U	360	71

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-25-VS-S (1-3) Lab Sample ID: 460-30837-18

Matrix: Solid Lab File ID: u70075.d

Analysis Method: 8270C Date Collected: 09/09/2011 09:35

Extract. Method: 3541 Date Extracted: 09/13/2011 10:15

Sample wt/vol: 15.00(g) Date Analyzed: 09/14/2011 04:27

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 7.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86039 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	68		38-105
4165-62-2	Phenol-d5	65		41-118
1718-51-0	Terphenyl-d14	72		16-151
118-79-6	2,4,6-Tribromophenol	41		10-120
367-12-4	2-Fluorophenol	65		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.: 460-30837-1

SDG No.:

Client Sample ID: PMP-25-VS-S (1-3) | Lab Sample ID: 460-30837-18

Matrix: Solid | Lab File ID: u70075.d

Analysis Method: 8270C | Date Collected: 09/09/2011 09:35

Extract. Method: 3541 | Date Extracted: 09/13/2011 10:15

Sample wt/vol: 15.00(g) | Date Analyzed: 09/14/2011 04:27

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 7.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86039 | Units: ug/Kg

Number TICs Found: 2 | TIC Result Total: 1330

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Degradation product of 2,4,6-Tribromophenol(sur)	8.50	360	J
	Unknown	14.27	970	J

Data File: /chem/BNAMS4.i/8270T/09-06-11/13sep11a.b/u70075.d
Report Date: 14-Sep-2011 10:17

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/09-06-11/13sep11a.b/u70075.d
Lab Smp Id: 460-30837-F-18-B Client Smp ID: PMP-25-VS-S (1-3)
Inj Date : 14-SEP-2011 04:27
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-30837-F-18-B
Misc Info : 460-30837-F-18-B
Comment   :
Method   : /chem/BNAMS4.i/8270T/09-06-11/13sep11a.b/8270C_08SP.m
Meth Date : 14-Sep-2011 00:25 asfawa Quant Type: ISTD
Cal Date : 06-SEP-2011 18:34 Cal File: u69912.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	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	2.619	2.576	(0.682)	1393516	65.1574	4300
$ 17 Phenol-d5 (SUR)	99	3.522	3.522	(0.918)	2188104	64.8770	4300
* 79 1,4-Dichlorobenzene-d4	152	3.838	3.841	(1.000)	586625	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.412	4.424	(0.861)	1060999	34.1125	2300
* 80 Naphthalene-d8	136	5.126	5.135	(1.000)	1905999	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.222	6.230	(0.905)	1401028	38.3471	2600
* 82 Acenaphthene-d10	164	6.879	6.888	(1.000)	1165710	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.662	7.671	(1.114)	330930	40.6963	2700
115 n-Octadecane	57	8.253	8.263	(0.990)	6267	0.21608	14(aH)
* 83 Phenanthrene-d10	188	8.335	8.337	(1.000)	1589803	40.0000	
$ 78 Terphenyl-d14	244	9.901	9.898	(0.901)	1246988	36.0964	2400
* 81 Chrysene-d12	240	10.986	10.989	(1.000)	1089151	40.0000	
* 84 Perylene-d12	264	12.772	12.775	(1.000)	756054	40.0000	

Data File: /chem/BNAMS4.i/8270T/09-06-11/13sep11a.b/u70075.d
Report Date: 14-Sep-2011 10:17

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: /chem/BNAMS4.i/8270T/09-06-11/13sep11a.b/u70075.d
Report Date: 14-Sep-2011 10:17

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/09-06-11/13sep11a.b/u70075.d
Lab Smp Id: 460-30837-F-18-B Client Smp ID: PMP-25-VS-S (1-3)
Inj Date : 14-SEP-2011 04:27
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-30837-F-18-B
Misc Info : 460-30837-F-18-B
Comment   :
Method   : /chem/BNAMS4.i/8270T/09-06-11/13sep11a.b/8270C_08SP.m
Meth Date : 14-Sep-2011 00:25 asfawa Quant Type: ISTD
Cal Date : 06-SEP-2011 18:34 Cal File: u69912.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	0.00000	% Moisture

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 83 Phenanthrene-d10	8.335	4294754	40.000
* 84 Perylene-d12	12.772	1833129	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Degradation product of 2,4,6-Tribromophenol(sur)					CAS #:		
8.498	533891	4.97249014	330	0		0	83

Data File: /chem/BNAMS4.i/8270T/09-06-11/13sep11a.b/u70075.d
Report Date: 14-Sep-2011 10:17

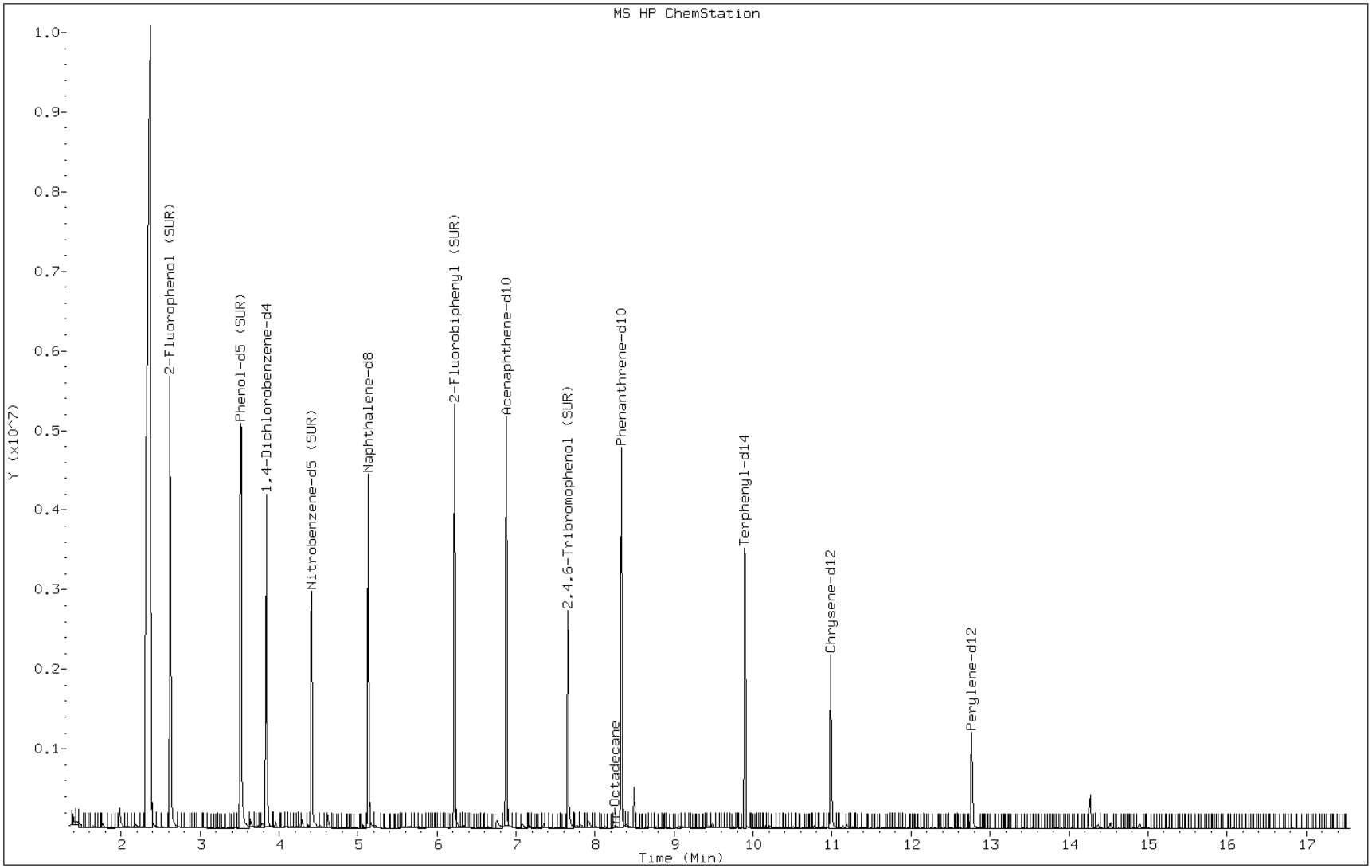
		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown					CAS #:		
14.268	621478	13.5610207	900	0		0	84

Data File: u70075.d

Date: 14-SEP-2011 04:27

Client ID: PMP-25-VS-S (1-3) Instrument: BNAMS4.i

Sample Info: 460-30837-F-18-B Operator: BNAMS 4



Data File: u70075.d

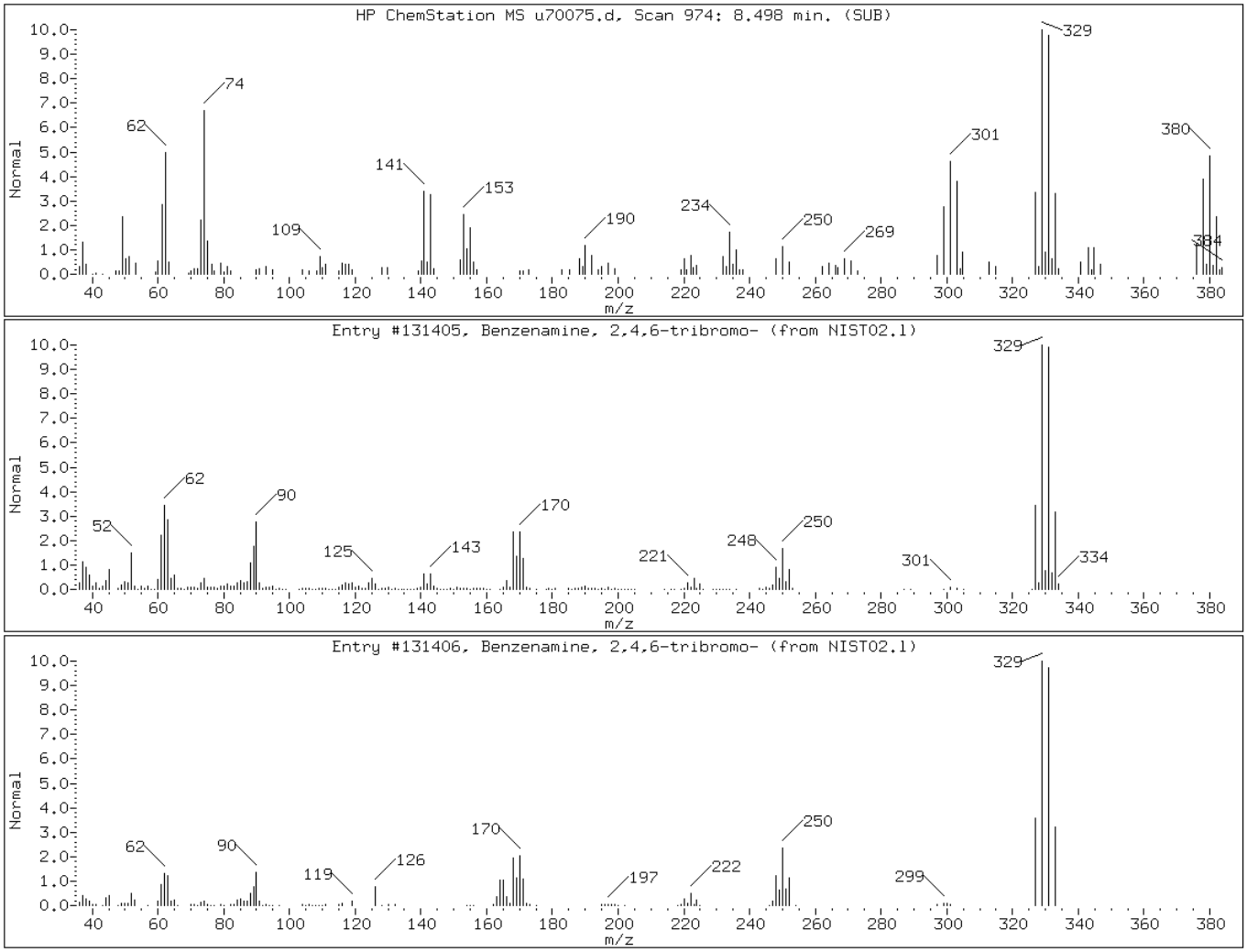
Date: 14-SEP-2011 04:27

Client ID: PMP-25-VS-S (1-3) Instrument: BNAMS4.i

Sample Info: 460-30837-F-18-B Operator: BNAMS 4

Retention Time: 8.50

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Degradation product of 2,4,6-Tribr						
Benzenamine, 2,4,6-tribromo-	147-82-0	NIST02.l	131405	53	C6H4Br3N	327
Benzenamine, 2,4,6-tribromo-	147-82-0	NIST02.l	131406	35	C6H4Br3N	327



Data File: u70075.d

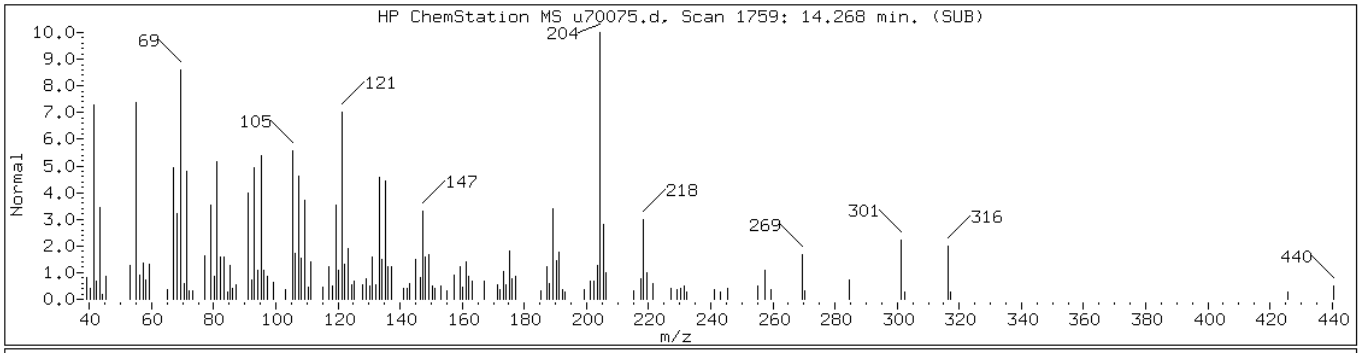
Date: 14-SEP-2011 04:27

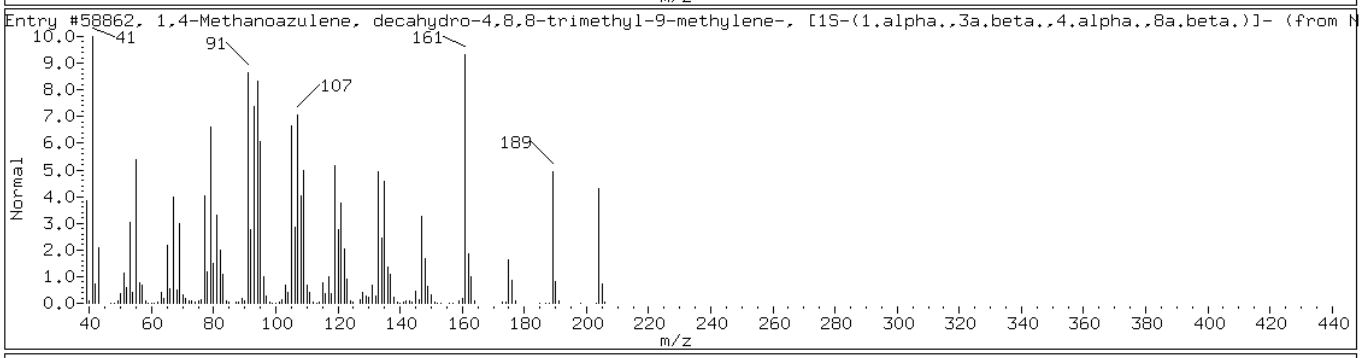
Client ID: PMP-25-VS-S (1-3) Instrument: BNAMS4.i

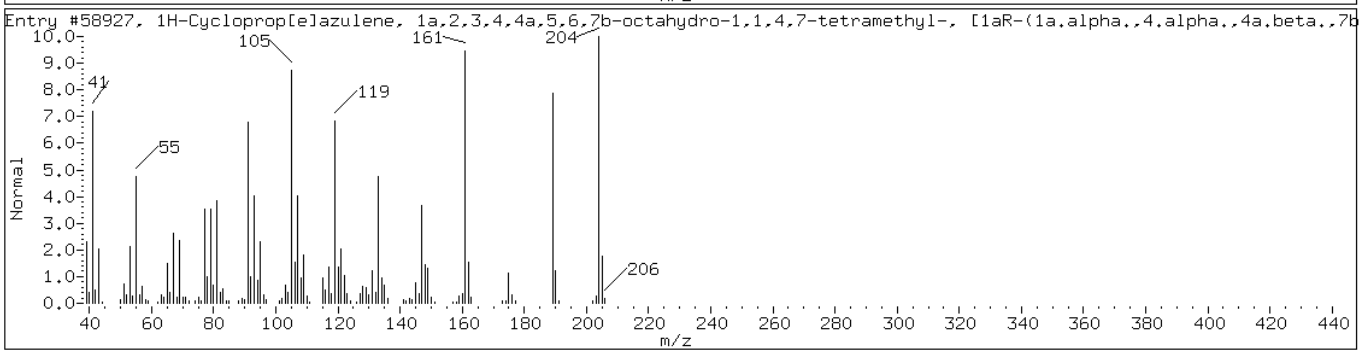
Sample Info: 460-30837-F-18-B Operator: BNAMS 4

Retention Time: 14.27

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1,4-Methanoazulene, decahydro-4,8,	475-20-7	NIST02.l	58862	53	C15H24	204
1H-Cycloprop[e]azulene, 1a,2,3,4,4	489-40-7	NIST02.l	58927	46	C15H24	204







FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-25-VD-S (3-5) | Lab Sample ID: 460-30837-19

Matrix: Solid | Lab File ID: u70076.d

Analysis Method: 8270C | Date Collected: 09/09/2011 09:40

Extract. Method: 3541 | Date Extracted: 09/13/2011 10:15

Sample wt/vol: 15.05(g) | Date Analyzed: 09/14/2011 04:48

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.: 86039 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	380	U	380	47
95-57-8	2-Chlorophenol	380	U	380	51
95-48-7	2-Methylphenol	380	U	380	55
106-44-5	4-Methylphenol	380	U	380	62
100-52-7	Benzaldehyde	380	U	380	24
98-86-2	Acetophenone	380	U	380	56
111-44-4	Bis(2-chloroethyl)ether	38	U	38	7.9
108-60-1	2,2'-oxybis[1-chloropropane]	380	U	380	50
621-64-7	N-Nitrosodi-n-propylamine	38	U	38	5.0
98-95-3	Nitrobenzene	38	U	38	8.5
67-72-1	Hexachloroethane	38	U	38	6.4
78-59-1	Isophorone	380	U	380	44
88-75-5	2-Nitrophenol	380	U	380	63
105-67-9	2,4-Dimethylphenol	380	U	380	61
120-83-2	2,4-Dichlorophenol	380	U	380	61
111-91-1	Bis(2-chloroethoxy)methane	380	U	380	54
91-20-3	Naphthalene	380	U	380	56
106-47-8	4-Chloroaniline	380	U	380	48
87-68-3	Hexachlorobutadiene	77	U	77	15
105-60-2	Caprolactam	380	U	380	52
59-50-7	4-Chloro-3-methylphenol	380	U	380	64
91-57-6	2-Methylnaphthalene	380	U	380	56
118-74-1	Hexachlorobenzene	38	U	38	5.3
77-47-4	Hexachlorocyclopentadiene	380	U	380	110
88-06-2	2,4,6-Trichlorophenol	380	U	380	68
95-95-4	2,4,5-Trichlorophenol	380	U	380	73
92-52-4	Diphenyl	380	U	380	63
91-58-7	2-Chloronaphthalene	380	U	380	54
88-74-4	2-Nitroaniline	770	U	770	100
606-20-2	2,6-Dinitrotoluene	77	U	77	9.7
131-11-3	Dimethyl phthalate	380	U	380	51
208-96-8	Acenaphthylene	380	U	380	54
99-09-2	3-Nitroaniline	770	U	770	86
83-32-9	Acenaphthene	380	U	380	54

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-25-VD-S (3-5) | Lab Sample ID: 460-30837-19

Matrix: Solid | Lab File ID: u70076.d

Analysis Method: 8270C | Date Collected: 09/09/2011 09:40

Extract. Method: 3541 | Date Extracted: 09/13/2011 10:15

Sample wt/vol: 15.05(g) | Date Analyzed: 09/14/2011 04:48

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.: 86039 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1100	U	1100	98
51-28-5	2,4-Dinitrophenol	1100	U	1100	81
132-64-9	Dibenzofuran	380	U	380	57
84-66-2	Diethyl phthalate	380	U	380	51
86-73-7	Fluorene	380	U	380	64
206-44-0	Fluoranthene	380	U	380	63
84-74-2	Di-n-butyl phthalate	380	U	380	58
121-14-2	2,4-Dinitrotoluene	77	U	77	11
7005-72-3	4-Chlorophenyl phenyl ether	380	U	380	65
100-01-6	4-Nitroaniline	770	U	770	78
534-52-1	4,6-Dinitro-2-methylphenol	1100	U	1100	180
101-55-3	4-Bromophenyl phenyl ether	380	U	380	68
1912-24-9	Atrazine	380	U	380	71
120-12-7	Anthracene	380	U	380	67
86-74-8	Carbazole	380	U	380	60
85-01-8	Phenanthrene	380	U	380	66
87-86-5	Pentachlorophenol	1100	U	1100	190
129-00-0	Pyrene	380	U	380	66
218-01-9	Chrysene	380	U	380	55
207-08-9	Benzo[k]fluoranthene	38	U	38	5.3
191-24-2	Benzo[g,h,i]perylene	380	U	380	40
205-99-2	Benzo[b]fluoranthene	38	U	38	5.7
50-32-8	Benzo[a]pyrene	38	U	38	4.7
56-55-3	Benzo[a]anthracene	38	U	38	7.0
86-30-6	N-Nitrosodiphenylamine	380	U	380	62
85-68-7	Butyl benzyl phthalate	380	U	380	44
117-81-7	Bis(2-ethylhexyl) phthalate	380	U	380	50
117-84-0	Di-n-octyl phthalate	380	U	380	45
193-39-5	Indeno[1,2,3-cd]pyrene	38	U	38	6.1
53-70-3	Dibenz(a,h)anthracene	38	U	38	4.6
91-94-1	3,3'-Dichlorobenzidine	770	U	770	84
95-94-3	1,2,4,5-Tetrachlorobenzene	380	U	380	51
58-90-2	2,3,4,6-Tetrachlorophenol	380	U	380	76

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-25-VD-S (3-5) Lab Sample ID: 460-30837-19

Matrix: Solid Lab File ID: u70076.d

Analysis Method: 8270C Date Collected: 09/09/2011 09:40

Extract. Method: 3541 Date Extracted: 09/13/2011 10:15

Sample wt/vol: 15.05(g) Date Analyzed: 09/14/2011 04:48

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.: 86039 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	67		38-105
4165-62-2	Phenol-d5	60		41-118
1718-51-0	Terphenyl-d14	72		16-151
118-79-6	2,4,6-Tribromophenol	37		10-120
367-12-4	2-Fluorophenol	65		37-125
321-60-8	2-Fluorobiphenyl	76		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-25-VD-S (3-5) | Lab Sample ID: 460-30837-19

Matrix: Solid | Lab File ID: u70076.d

Analysis Method: 8270C | Date Collected: 09/09/2011 09:40

Extract. Method: 3541 | Date Extracted: 09/13/2011 10:15

Sample wt/vol: 15.05(g) | Date Analyzed: 09/14/2011 04:48

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.: 86039 | Units: ug/Kg

Number TICs Found: 1 | TIC Result Total: 340

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Degradation product of 2,4,6-Tribromophenol(sur)	8.49	340	J

Data File: /chem/BNAMS4.i/8270T/09-06-11/13sep11a.b/u70076.d
Report Date: 14-Sep-2011 10:18

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/09-06-11/13sep11a.b/u70076.d
Lab Smp Id: 460-30837-F-19-B Client Smp ID: PMP-25-VD-S (3-5)
Inj Date : 14-SEP-2011 04:48
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-30837-F-19-B
Misc Info : 460-30837-F-19-B
Comment   :
Method   : /chem/BNAMS4.i/8270T/09-06-11/13sep11a.b/8270C_08SP.m
Meth Date : 14-Sep-2011 00:25 asfawa Quant Type: ISTD
Cal Date : 06-SEP-2011 18:34 Cal File: u69912.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	15.05000	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	2.619	2.576	(0.682)	1342039	64.9475	4300
$ 17 Phenol-d5 (SUR)	99	3.516	3.522	(0.915)	1970849	60.4813	4000
* 79 1,4-Dichlorobenzene-d4	152	3.841	3.841	(1.000)	566781	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.406	4.424	(0.859)	1016389	33.4749	2200
* 80 Naphthalene-d8	136	5.130	5.135	(1.000)	1860641	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.219	6.230	(0.904)	1412482	37.8379	2500
* 82 Acenaphthene-d10	164	6.877	6.888	(1.000)	1191055	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.657	7.671	(1.113)	311098	37.4434	2500
115 n-Octadecane	57	8.251	8.263	(0.990)	4130	0.14542	9.7(a)
* 83 Phenanthrene-d10	188	8.333	8.337	(1.000)	1556808	40.0000	
$ 78 Terphenyl-d14	244	9.899	9.898	(0.901)	1212274	36.0478	2400
* 81 Chrysene-d12	240	10.983	10.989	(1.000)	1060259	40.0000	
* 84 Perylene-d12	264	12.765	12.775	(1.000)	790695	40.0000	

Data File: /chem/BNAMS4.i/8270T/09-06-11/13sep11a.b/u70076.d
Report Date: 14-Sep-2011 10:18

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS4.i/8270T/09-06-11/13sep11a.b/u70076.d
Report Date: 14-Sep-2011 10:18

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/09-06-11/13sep11a.b/u70076.d
Lab Smp Id: 460-30837-F-19-B Client Smp ID: PMP-25-VD-S (3-5)
Inj Date : 14-SEP-2011 04:48
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-30837-F-19-B
Misc Info : 460-30837-F-19-B
Comment   :
Method   : /chem/BNAMS4.i/8270T/09-06-11/13sep11a.b/8270C_08SP.m
Meth Date : 14-Sep-2011 00:25 asfawa Quant Type: ISTD
Cal Date : 06-SEP-2011 18:34 Cal File: u69912.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	15.05000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 83 Phenanthrene-d10	8.333	4169546	40.000

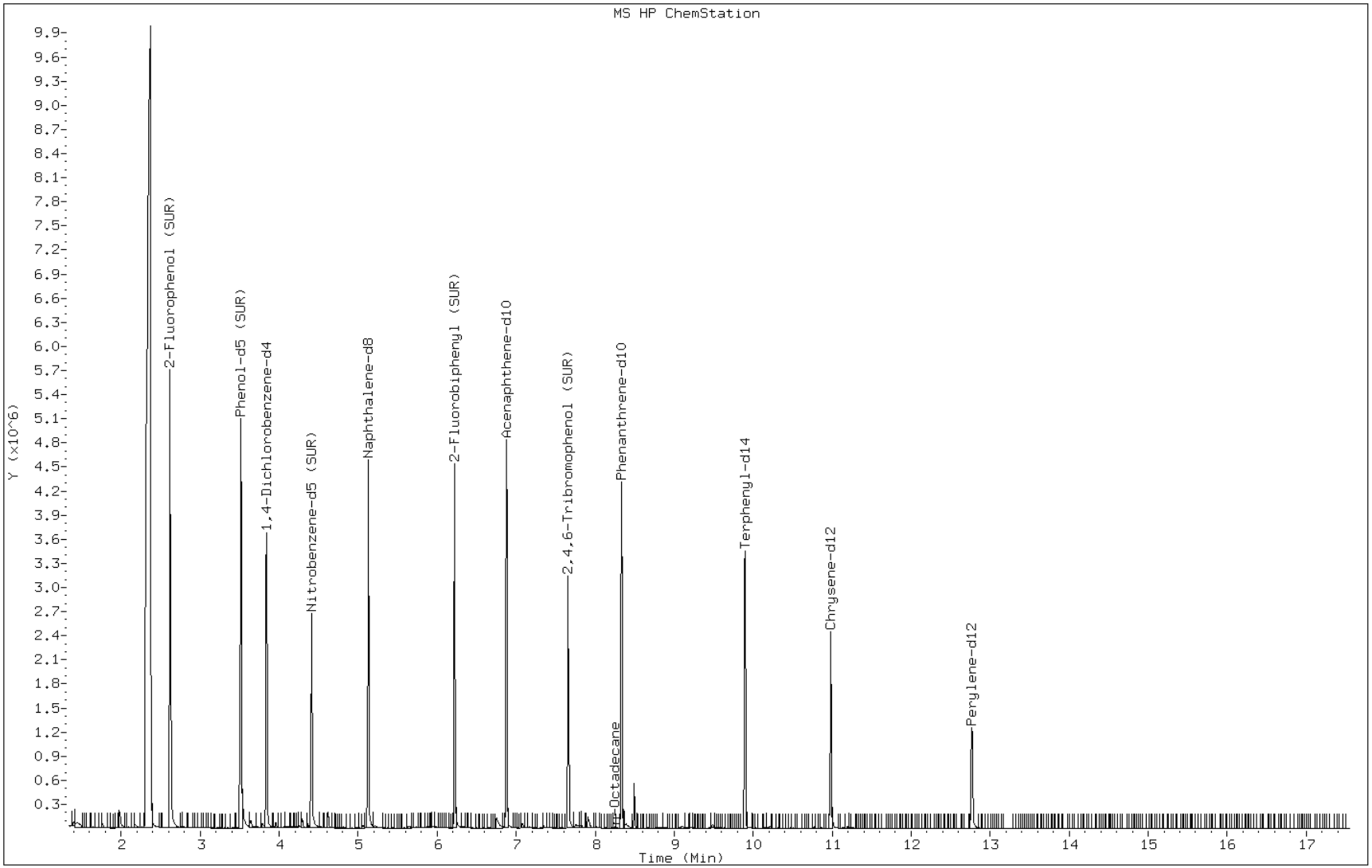
	CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Degradation product of 2,4,6-Tribromophenol(sur)					CAS #:		
8.494	458255	4.39621313	290	0		0	83

Data File: u70076.d

Date: 14-SEP-2011 04:48

Client ID: PMP-25-VD-S (3-5) Instrument: BNAMS4.i

Sample Info: 460-30837-F-19-B Operator: BNAMS 4



Data File: u70076.d

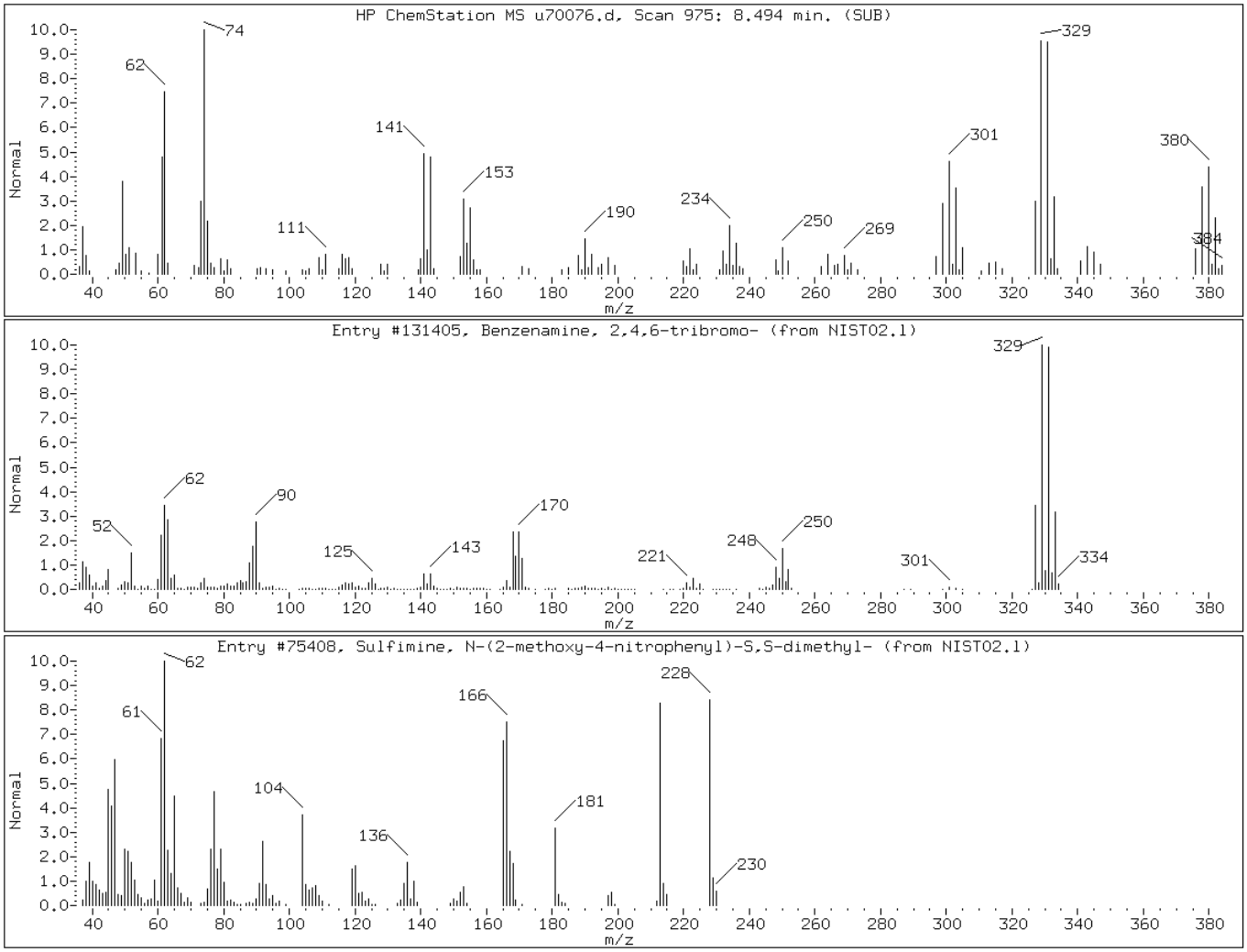
Date: 14-SEP-2011 04:48

Client ID: PMP-25-VD-S (3-5) Instrument: BNAMS4.i

Sample Info: 460-30837-F-19-B Operator: BNAMS 4

Retention Time: 8.49

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Degradation product of 2,4,6-Tribr						
Benzenamine, 2,4,6-tribromo-	147-82-0	NIST02.l	131405	32	C6H4Br3N	327
Sulfimine, N-(2-methoxy-4-nitrophe	339246-70-7	NIST02.l	75408	30	C9H12N2O3S	228



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-25-WT-S (7.5-9.5) | Lab Sample ID: 460-30837-20

Matrix: Solid | Lab File ID: u70140.d

Analysis Method: 8270C | Date Collected: 09/09/2011 09:45

Extract. Method: 3541 | Date Extracted: 09/13/2011 10:15

Sample wt/vol: 15.02(g) | Date Analyzed: 09/15/2011 14:51

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86198 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	380	U	380	46
95-57-8	2-Chlorophenol	380	U	380	50
95-48-7	2-Methylphenol	380	U	380	54
106-44-5	4-Methylphenol	380	U	380	62
100-52-7	Benzaldehyde	380	U	380	24
98-86-2	Acetophenone	380	U	380	56
111-44-4	Bis(2-chloroethyl)ether	38	U	38	7.8
108-60-1	2,2'-oxybis[1-chloropropane]	380	U	380	49
621-64-7	N-Nitrosodi-n-propylamine	38	U	38	5.0
98-95-3	Nitrobenzene	38	U	38	8.4
67-72-1	Hexachloroethane	38	U	38	6.3
78-59-1	Isophorone	380	U	380	43
88-75-5	2-Nitrophenol	380	U	380	62
105-67-9	2,4-Dimethylphenol	380	U	380	60
120-83-2	2,4-Dichlorophenol	380	U	380	60
111-91-1	Bis(2-chloroethoxy)methane	380	U	380	54
91-20-3	Naphthalene	380	U	380	55
106-47-8	4-Chloroaniline	380	U	380	47
87-68-3	Hexachlorobutadiene	76	U	76	15
105-60-2	Caprolactam	380	U	380	52
59-50-7	4-Chloro-3-methylphenol	380	U	380	63
91-57-6	2-Methylnaphthalene	380	U	380	55
118-74-1	Hexachlorobenzene	38	U	38	5.2
77-47-4	Hexachlorocyclopentadiene	380	U	380	110
88-06-2	2,4,6-Trichlorophenol	380	U	380	67
95-95-4	2,4,5-Trichlorophenol	380	U	380	72
92-52-4	Diphenyl	380	U	380	62
91-58-7	2-Chloronaphthalene	380	U	380	53
88-74-4	2-Nitroaniline	760	U	760	100
606-20-2	2,6-Dinitrotoluene	76	U	76	9.6
131-11-3	Dimethyl phthalate	380	U	380	51
208-96-8	Acenaphthylene	380	U	380	54
99-09-2	3-Nitroaniline	760	U	760	85
83-32-9	Acenaphthene	380	U	380	54

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-25-WT-S (7.5-9.5) | Lab Sample ID: 460-30837-20

Matrix: Solid | Lab File ID: u70140.d

Analysis Method: 8270C | Date Collected: 09/09/2011 09:45

Extract. Method: 3541 | Date Extracted: 09/13/2011 10:15

Sample wt/vol: 15.02(g) | Date Analyzed: 09/15/2011 14:51

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86198 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1100	U	1100	97
51-28-5	2,4-Dinitrophenol	1100	U	1100	80
132-64-9	Dibenzofuran	380	U	380	57
84-66-2	Diethyl phthalate	380	U	380	51
86-73-7	Fluorene	380	U	380	64
206-44-0	Fluoranthene	380	U	380	63
84-74-2	Di-n-butyl phthalate	380	U	380	58
121-14-2	2,4-Dinitrotoluene	76	U	76	11
7005-72-3	4-Chlorophenyl phenyl ether	380	U	380	65
100-01-6	4-Nitroaniline	760	U	760	78
534-52-1	4,6-Dinitro-2-methylphenol	1100	U	1100	180
101-55-3	4-Bromophenyl phenyl ether	380	U	380	67
1912-24-9	Atrazine	380	U	380	70
120-12-7	Anthracene	380	U	380	66
86-74-8	Carbazole	380	U	380	60
85-01-8	Phenanthrene	380	U	380	66
87-86-5	Pentachlorophenol	1100	U	1100	180
129-00-0	Pyrene	380	U	380	65
218-01-9	Chrysene	380	U	380	55
207-08-9	Benzo[k]fluoranthene	38	U	38	5.3
191-24-2	Benzo[g,h,i]perylene	380	U	380	40
205-99-2	Benzo[b]fluoranthene	38	U	38	5.6
50-32-8	Benzo[a]pyrene	38	U	38	4.6
56-55-3	Benzo[a]anthracene	38	U	38	7.0
86-30-6	N-Nitrosodiphenylamine	380	U	380	61
85-68-7	Butyl benzyl phthalate	380	U	380	44
117-81-7	Bis(2-ethylhexyl) phthalate	380	U	380	50
117-84-0	Di-n-octyl phthalate	380	U	380	45
193-39-5	Indeno[1,2,3-cd]pyrene	38	U	38	6.0
53-70-3	Dibenz(a,h)anthracene	38	U	38	4.5
91-94-1	3,3'-Dichlorobenzidine	760	U	760	83
95-94-3	1,2,4,5-Tetrachlorobenzene	380	U	380	51
58-90-2	2,3,4,6-Tetrachlorophenol	380	U	380	75

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-25-WT-S (7.5-9.5) Lab Sample ID: 460-30837-20

Matrix: Solid Lab File ID: u70140.d

Analysis Method: 8270C Date Collected: 09/09/2011 09:45

Extract. Method: 3541 Date Extracted: 09/13/2011 10:15

Sample wt/vol: 15.02(g) Date Analyzed: 09/15/2011 14:51

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 12.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86198 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	70		38-105
4165-62-2	Phenol-d5	75		41-118
1718-51-0	Terphenyl-d14	74		16-151
118-79-6	2,4,6-Tribromophenol	40		10-120
367-12-4	2-Fluorophenol	67		37-125
321-60-8	2-Fluorobiphenyl	72		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-25-WT-S (7.5-9.5) | Lab Sample ID: 460-30837-20

Matrix: Solid | Lab File ID: u70140.d

Analysis Method: 8270C | Date Collected: 09/09/2011 09:45

Extract. Method: 3541 | Date Extracted: 09/13/2011 10:15

Sample wt/vol: 15.02(g) | Date Analyzed: 09/15/2011 14:51

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86198 | Units: ug/Kg

Number TICs Found: 1 | TIC Result Total: 480

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Degradation product of 2,4,6-Tribromophenol(sur)	8.41	480	J

Data File: /chem/BNAMS4.i/8270T/09-06-11/15sep11.b/u70140.d
Report Date: 16-Sep-2011 00:15

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/09-06-11/15sep11.b/u70140.d
Lab Smp Id: 460-30837-F-20-B Client Smp ID: PMP-25-WT-S (7.5-9.
Inj Date : 15-SEP-2011 14:51
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-30837-F-20-B
Misc Info : 460-30837-F-20-B
Comment   :
Method   : /chem/BNAMS4.i/8270T/09-06-11/15sep11.b/8270C_08SP.m
Meth Date : 15-Sep-2011 11:34 monica Quant Type: ISTD
Cal Date : 06-SEP-2011 18:34 Cal File: u69912.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	12.23022	% 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	2.523	2.501	(0.672)	940460	67.4076	5100
$ 17 Phenol-d5 (SUR)	99	3.439	3.442	(0.916)	1654226	75.1856	5700
* 79 1,4-Dichlorobenzene-d4	152	3.755	3.761	(1.000)	382687	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.329	4.344	(0.857)	760006	34.8850	2600
* 80 Naphthalene-d8	136	5.049	5.058	(1.000)	1335057	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.144	6.150	(0.904)	1063182	36.0386	2700
* 82 Acenaphthene-d10	164	6.795	6.802	(1.000)	941274	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.573	7.583	(1.115)	262529	39.9826	3000
* 83 Phenanthrene-d10	188	8.250	8.257	(1.000)	1431720	40.0000	
$ 78 Terphenyl-d14	244	9.813	9.815	(0.902)	1319209	37.0412	2800
* 81 Chrysene-d12	240	10.880	10.888	(1.000)	1122841	40.0000	
* 84 Perylene-d12	264	12.637	12.646	(1.000)	787241	40.0000	

Data File: /chem/BNAMS4.i/8270T/09-06-11/15sep11.b/u70140.d
Report Date: 16-Sep-2011 00:15

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/09-06-11/15sep11.b/u70140.d
Lab Smp Id: 460-30837-F-20-B Client Smp ID: PMP-25-WT-S (7.5-9.
Inj Date : 15-SEP-2011 14:51
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-30837-F-20-B
Misc Info : 460-30837-F-20-B
Comment   :
Method   : /chem/BNAMS4.i/8270T/09-06-11/15sep11.b/8270C_08SP.m
Meth Date : 15-Sep-2011 11:34 monica Quant Type: ISTD
Cal Date : 06-SEP-2011 18:34 Cal File: u69912.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	12.23022	% Moisture

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 83 Phenanthrene-d10	8.250	3881996	40.000

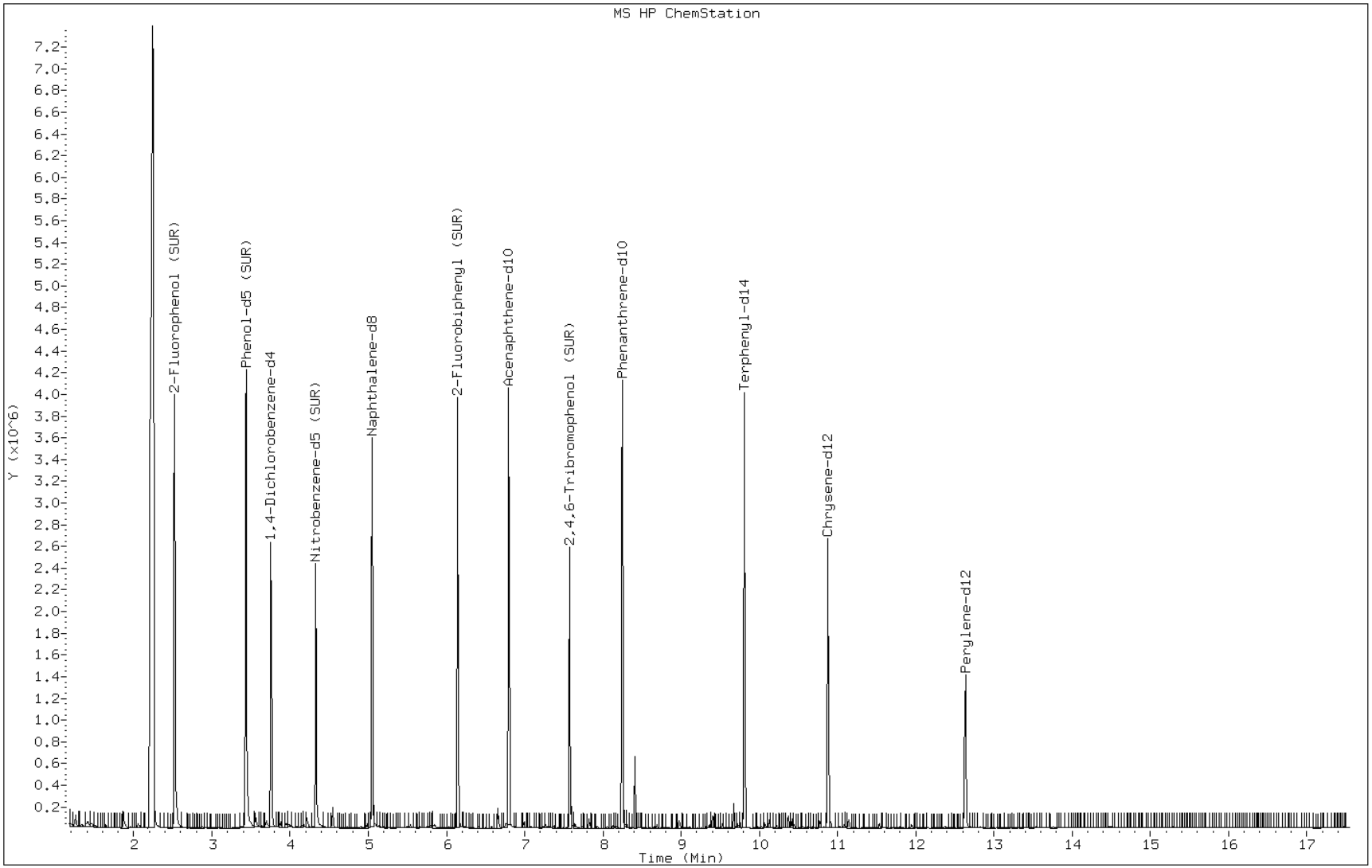
	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Degradation product of 2,4,6-Tribromophenol(sur)							CAS #:
8.406	608664	6.27165640	480	0		0	83

Data File: u70140.d

Date: 15-SEP-2011 14:51

Client ID: PMP-25-WT-S (7.5-9. Instrument: BNAMS4.i

Sample Info: 460-30837-F-20-B Operator: BNAMS 4



Data File: u70140.d

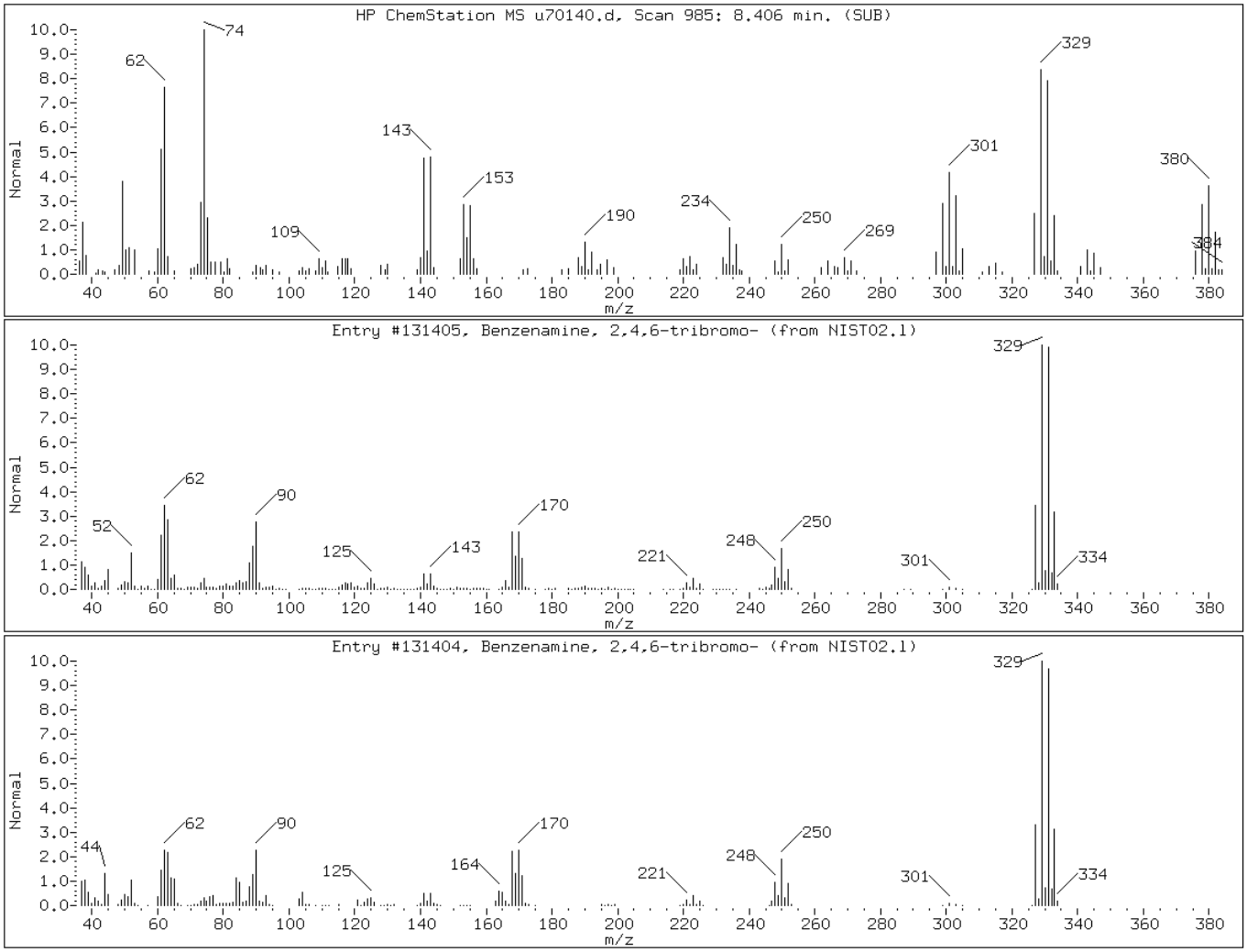
Date: 15-SEP-2011 14:51

Client ID: PMP-25-WT-S (7.5-9. Instrument: BNAMS4.i

Sample Info: 460-30837-F-20-B Operator: BNAMS 4

Retention Time: 8.41

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Degradation product of 2,4,6-Tribr						
Benzenamine, 2,4,6-tribromo-	147-82-0	NIST02.l	131405	51	C6H4Br3N	327
Benzenamine, 2,4,6-tribromo-	147-82-0	NIST02.l	131404	47	C6H4Br3N	327



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-14-VS-S (0.5-1.0) | Lab Sample ID: 460-30837-21

Matrix: Solid | Lab File ID: u70311.d

Analysis Method: 8270C | Date Collected: 09/09/2011 10:00

Extract. Method: 3541 | Date Extracted: 09/19/2011 12:00

Sample wt/vol: 14.99(g) | Date Analyzed: 09/21/2011 10:39

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86807 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	340	U	340	42
95-57-8	2-Chlorophenol	340	U	340	46
95-48-7	2-Methylphenol	340	U	340	50
106-44-5	4-Methylphenol	340	U	340	56
100-52-7	Benzaldehyde	340	U	340	22
98-86-2	Acetophenone	340	U	340	51
111-44-4	Bis(2-chloroethyl)ether	34	U	34	7.2
108-60-1	2,2'-oxybis[1-chloropropane]	340	U	340	45
621-64-7	N-Nitrosodi-n-propylamine	34	U	34	4.6
98-95-3	Nitrobenzene	34	U	34	7.7
67-72-1	Hexachloroethane	34	U	34	5.8
78-59-1	Isophorone	340	U	340	40
88-75-5	2-Nitrophenol	340	U	340	57
105-67-9	2,4-Dimethylphenol	340	U	340	55
120-83-2	2,4-Dichlorophenol	340	U	340	55
111-91-1	Bis(2-chloroethoxy)methane	340	U	340	49
91-20-3	Naphthalene	340	U	340	50
106-47-8	4-Chloroaniline	340	U	340	43
87-68-3	Hexachlorobutadiene	70	U	70	14
105-60-2	Caprolactam	340	U	340	47
59-50-7	4-Chloro-3-methylphenol	340	U	340	58
91-57-6	2-Methylnaphthalene	340	U	340	50
118-74-1	Hexachlorobenzene	34	U	34	4.8
77-47-4	Hexachlorocyclopentadiene	340	U	340	100
88-06-2	2,4,6-Trichlorophenol	340	U	340	62
95-95-4	2,4,5-Trichlorophenol	340	U	340	66
92-52-4	Diphenyl	340	U	340	57
91-58-7	2-Chloronaphthalene	340	U	340	49
88-74-4	2-Nitroaniline	700	U	700	94
606-20-2	2,6-Dinitrotoluene	70	U	70	8.8
131-11-3	Dimethyl phthalate	340	U	340	47
208-96-8	Acenaphthylene	340	U	340	49
99-09-2	3-Nitroaniline	700	U	700	78
83-32-9	Acenaphthene	340	U	340	49

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-14-VS-S (0.5-1.0) | Lab Sample ID: 460-30837-21

Matrix: Solid | Lab File ID: u70311.d

Analysis Method: 8270C | Date Collected: 09/09/2011 10:00

Extract. Method: 3541 | Date Extracted: 09/19/2011 12:00

Sample wt/vol: 14.99(g) | Date Analyzed: 09/21/2011 10:39

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86807 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1000	U	1000	89
51-28-5	2,4-Dinitrophenol	1000	U	1000	73
132-64-9	Dibenzofuran	340	U	340	52
84-66-2	Diethyl phthalate	340	U	340	46
86-73-7	Fluorene	340	U	340	58
206-44-0	Fluoranthene	340	U	340	57
84-74-2	Di-n-butyl phthalate	340	U	340	53
121-14-2	2,4-Dinitrotoluene	70	U	70	10
7005-72-3	4-Chlorophenyl phenyl ether	340	U	340	59
100-01-6	4-Nitroaniline	700	U	700	71
534-52-1	4,6-Dinitro-2-methylphenol	1000	U	1000	160
101-55-3	4-Bromophenyl phenyl ether	340	U	340	61
1912-24-9	Atrazine	340	U	340	64
120-12-7	Anthracene	340	U	340	61
86-74-8	Carbazole	340	U	340	55
85-01-8	Phenanthrene	340	U	340	60
87-86-5	Pentachlorophenol	1000	U	1000	170
129-00-0	Pyrene	340	U	340	60
218-01-9	Chrysene	340	U	340	50
207-08-9	Benzo[k]fluoranthene	34	U	34	4.8
191-24-2	Benzo[g,h,i]perylene	340	U	340	36
205-99-2	Benzo[b]fluoranthene	34	U	34	5.1
50-32-8	Benzo[a]pyrene	34	U	34	4.2
56-55-3	Benzo[a]anthracene	34	U	34	6.4
86-30-6	N-Nitrosodiphenylamine	340	U	340	56
85-68-7	Butyl benzyl phthalate	340	U	340	40
117-81-7	Bis(2-ethylhexyl) phthalate	340	U	340	46
117-84-0	Di-n-octyl phthalate	340	U	340	41
193-39-5	Indeno[1,2,3-cd]pyrene	34	U	34	5.5
53-70-3	Dibenz(a,h)anthracene	34	U	34	4.1
91-94-1	3,3'-Dichlorobenzidine	700	U	700	76
95-94-3	1,2,4,5-Tetrachlorobenzene	340	U *	340	46
58-90-2	2,3,4,6-Tetrachlorophenol	340	U	340	69

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-14-VS-S (0.5-1.0) Lab Sample ID: 460-30837-21

Matrix: Solid Lab File ID: u70311.d

Analysis Method: 8270C Date Collected: 09/09/2011 10:00

Extract. Method: 3541 Date Extracted: 09/19/2011 12:00

Sample wt/vol: 14.99(g) Date Analyzed: 09/21/2011 10:39

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 4.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86807 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	51		38-105
4165-62-2	Phenol-d5	63		41-118
1718-51-0	Terphenyl-d14	80		16-151
118-79-6	2,4,6-Tribromophenol	46		10-120
367-12-4	2-Fluorophenol	49		37-125
321-60-8	2-Fluorobiphenyl	61		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-14-VS-S (0.5-1.0) Lab Sample ID: 460-30837-21

Matrix: Solid Lab File ID: u70311.d

Analysis Method: 8270C Date Collected: 09/09/2011 10:00

Extract. Method: 3541 Date Extracted: 09/19/2011 12:00

Sample wt/vol: 14.99(g) Date Analyzed: 09/21/2011 10:39

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 4.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86807 Units: ug/Kg

Number TICs Found: 1 TIC Result Total: 320

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane	7.62	320	J

Data File: /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/u70311.d
Report Date: 21-Sep-2011 11:11

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/u70311.d
Lab Smp Id: 460-30837-F-21-E Client Smp ID: PMP-14-VS-S (0.5-1.
Inj Date : 21-SEP-2011 10:39
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-30837-F-21-E
Misc Info : 460-30837-F-21-E
Comment   :
Method   : /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/8270C_08SP.m
Meth Date : 21-Sep-2011 00:28 asfawa Quant Type: ISTD
Cal Date : 20-SEP-2011 14:32 Cal File: u70276.d
Als bottle: 31
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	14.99000	Weight of sample extracted (g)
M	3.98551	% 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	2.402	2.382	(0.665)	462864	48.7910	3400
$ 17 Phenol-d5 (SUR)	99	3.299	3.312	(0.914)	891000	62.9571	4400
* 79 1,4-Dichlorobenzene-d4	152	3.610	3.622	(1.000)	263583	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.184	4.211	(0.852)	347717	25.3674	1800
* 80 Naphthalene-d8	136	4.912	4.921	(1.000)	905607	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.004	6.019	(0.901)	509756	30.5622	2100
* 82 Acenaphthene-d10	164	6.662	6.671	(1.000)	550611	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.434	7.450	(1.116)	144127	46.4714	3200
115 n-Octadecane	57	8.049	8.054	(0.993)	6747	0.63928	44(a)
* 83 Phenanthrene-d10	188	8.107	8.114	(1.000)	527929	40.0000	
$ 78 Terphenyl-d14	244	9.679	9.680	(0.903)	335519	40.1025	2800
* 81 Chrysene-d12	240	10.722	10.734	(1.000)	254351	40.0000	
* 84 Perylene-d12	264	12.440	12.445	(1.000)	151594	40.0000	

Data File: /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/u70311.d
Report Date: 21-Sep-2011 11:11

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/u70311.d
Report Date: 21-Sep-2011 11:11

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/u70311.d
Lab Smp Id: 460-30837-F-21-E Client Smp ID: PMP-14-VS-S (0.5-1.
Inj Date : 21-SEP-2011 10:39
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-30837-F-21-E
Misc Info : 460-30837-F-21-E
Comment   :
Method   : /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/8270C_08SP.m
Meth Date : 21-Sep-2011 00:28 asfawa Quant Type: ISTD
Cal Date : 20-SEP-2011 14:32 Cal File: u70276.d
Als bottle: 31
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	14.99000	Weight of sample extracted (g)
M	3.98551	% Moisture

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 83 Phenanthrene-d10	8.107	1458119	40.000

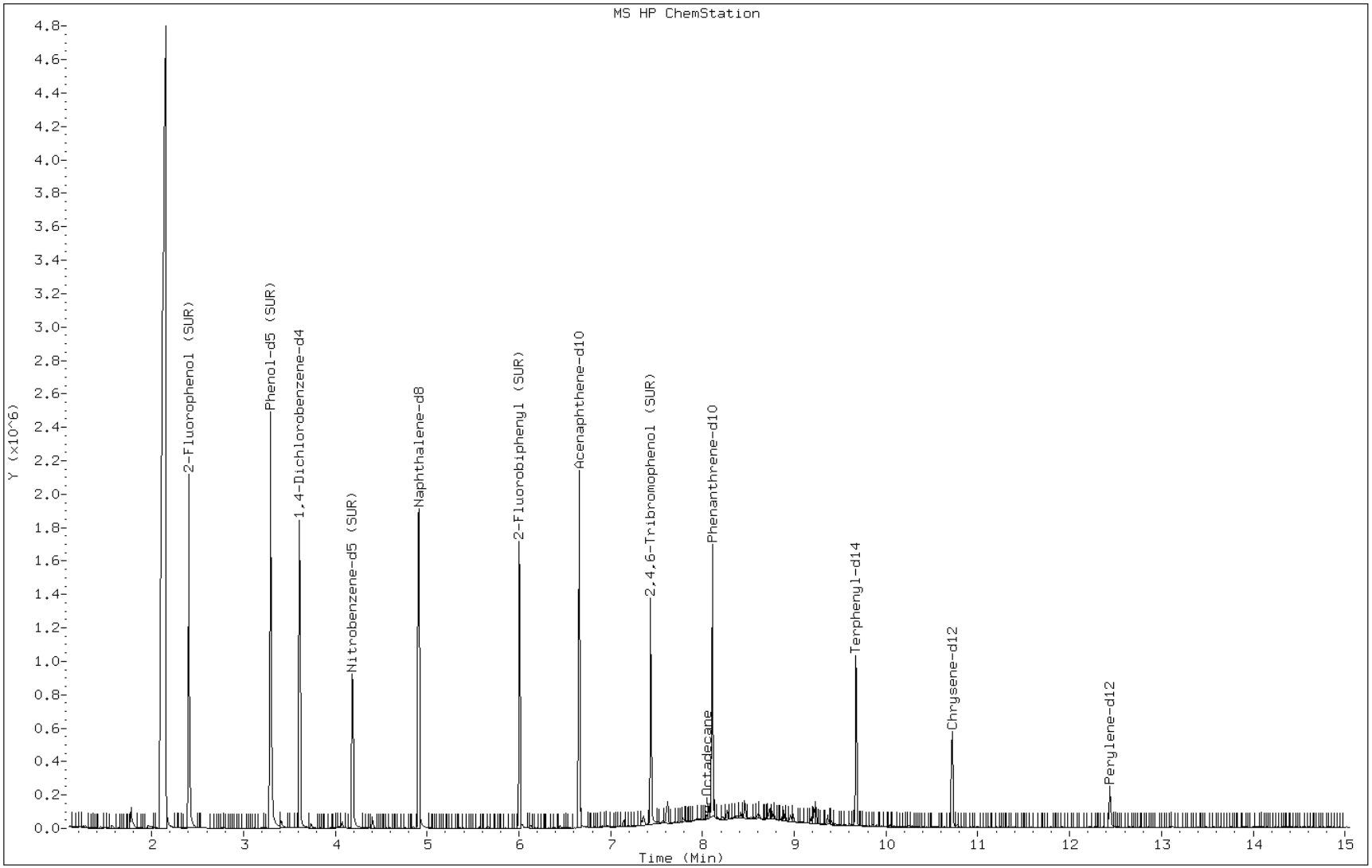
	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane					CAS #:		
7.619	169173	4.64086198	320	0		0	83

Data File: u70311.d

Date: 21-SEP-2011 10:39

Client ID: PMP-14-VS-S (0.5-1. Instrument: BNAMS4.i

Sample Info: 460-30837-F-21-E Operator: BNAMS 4



Data File: u70311.d

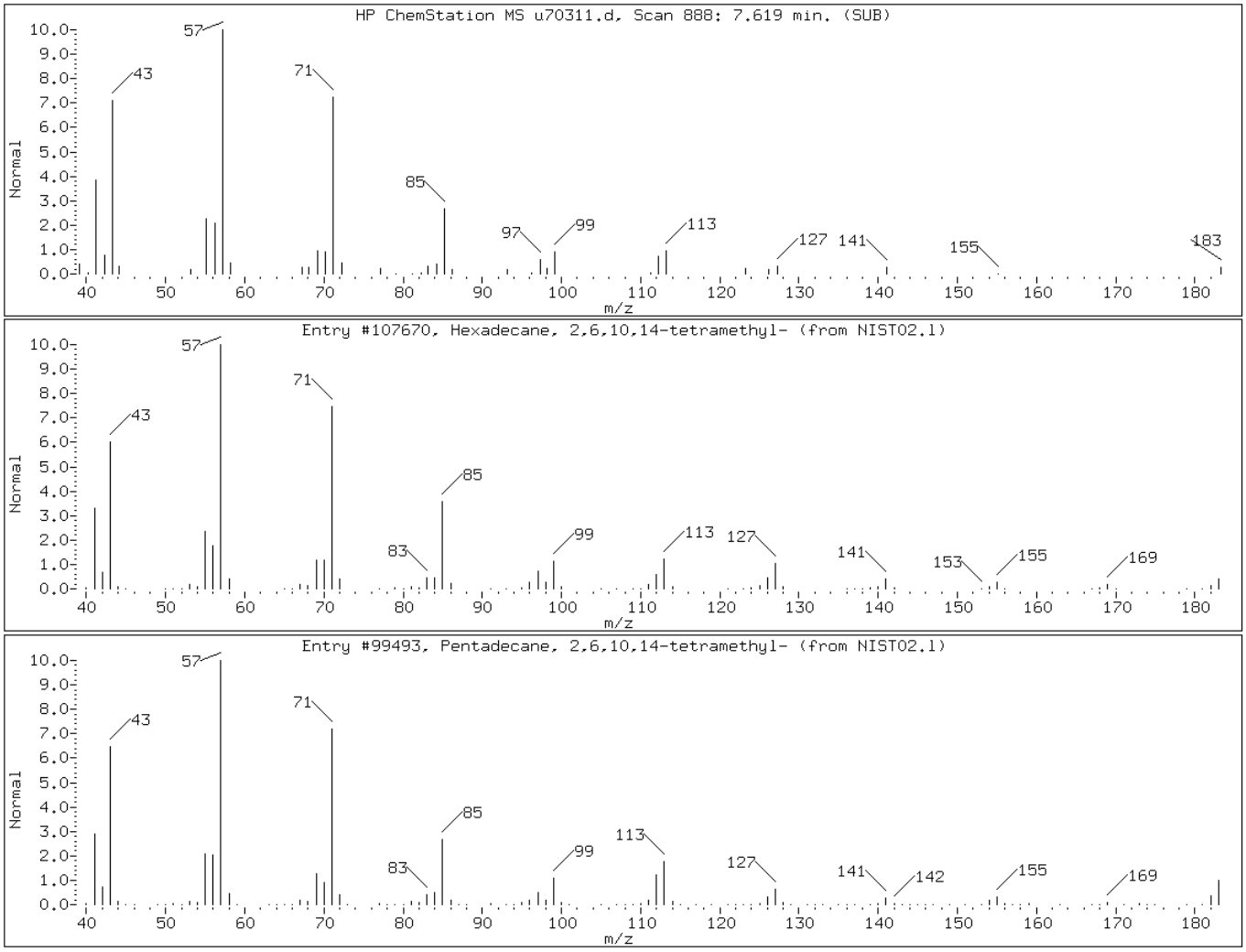
Date: 21-SEP-2011 10:39

Client ID: PMP-14-VS-S (0.5-1. Instrument: BNAMS4.i

Sample Info: 460-30837-F-21-E Operator: BNAMS 4

Retention Time: 7.62

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
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	86	C19H40	268



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-14-VD-S (2.5-3.0) | Lab Sample ID: 460-30837-22

Matrix: Solid | Lab File ID: u70307.d

Analysis Method: 8270C | Date Collected: 09/09/2011 10:05

Extract. Method: 3541 | Date Extracted: 09/19/2011 12:00

Sample wt/vol: 15.00(g) | Date Analyzed: 09/21/2011 09:22

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86807 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	340	U	340	42
95-57-8	2-Chlorophenol	340	U	340	46
95-48-7	2-Methylphenol	340	U	340	49
106-44-5	4-Methylphenol	340	U	340	56
100-52-7	Benzaldehyde	340	U	340	21
98-86-2	Acetophenone	340	U	340	51
111-44-4	Bis(2-chloroethyl)ether	34	U	34	7.1
108-60-1	2,2'-oxybis[1-chloropropane]	340	U	340	45
621-64-7	N-Nitrosodi-n-propylamine	34	U	34	4.5
98-95-3	Nitrobenzene	34	U	34	7.7
67-72-1	Hexachloroethane	34	U	34	5.8
78-59-1	Isophorone	340	U	340	39
88-75-5	2-Nitrophenol	340	U	340	56
105-67-9	2,4-Dimethylphenol	340	U	340	55
120-83-2	2,4-Dichlorophenol	340	U	340	55
111-91-1	Bis(2-chloroethoxy)methane	340	U	340	49
91-20-3	Naphthalene	340	U	340	50
106-47-8	4-Chloroaniline	340	U	340	43
87-68-3	Hexachlorobutadiene	69	U	69	14
105-60-2	Caprolactam	340	U	340	47
59-50-7	4-Chloro-3-methylphenol	340	U	340	58
91-57-6	2-Methylnaphthalene	340	U	340	50
118-74-1	Hexachlorobenzene	34	U	34	4.8
77-47-4	Hexachlorocyclopentadiene	340	U	340	100
88-06-2	2,4,6-Trichlorophenol	340	U	340	61
95-95-4	2,4,5-Trichlorophenol	340	U	340	66
92-52-4	Diphenyl	340	U	340	57
91-58-7	2-Chloronaphthalene	340	U	340	48
88-74-4	2-Nitroaniline	690	U	690	94
606-20-2	2,6-Dinitrotoluene	69	U	69	8.7
131-11-3	Dimethyl phthalate	340	U	340	46
208-96-8	Acenaphthylene	340	U	340	49
99-09-2	3-Nitroaniline	690	U	690	78
83-32-9	Acenaphthene	340	U	340	49

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-14-VD-S (2.5-3.0) | Lab Sample ID: 460-30837-22

Matrix: Solid | Lab File ID: u70307.d

Analysis Method: 8270C | Date Collected: 09/09/2011 10:05

Extract. Method: 3541 | Date Extracted: 09/19/2011 12:00

Sample wt/vol: 15.00(g) | Date Analyzed: 09/21/2011 09:22

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86807 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1000	U	1000	88
51-28-5	2,4-Dinitrophenol	1000	U	1000	73
132-64-9	Dibenzofuran	340	U	340	52
84-66-2	Diethyl phthalate	340	U	340	46
86-73-7	Fluorene	340	U	340	58
206-44-0	Fluoranthene	340	U	340	57
84-74-2	Di-n-butyl phthalate	340	U	340	52
121-14-2	2,4-Dinitrotoluene	69	U	69	10
7005-72-3	4-Chlorophenyl phenyl ether	340	U	340	59
100-01-6	4-Nitroaniline	690	U	690	71
534-52-1	4,6-Dinitro-2-methylphenol	1000	U	1000	160
101-55-3	4-Bromophenyl phenyl ether	340	U	340	61
1912-24-9	Atrazine	340	U	340	64
120-12-7	Anthracene	340	U	340	61
86-74-8	Carbazole	340	U	340	55
85-01-8	Phenanthrene	340	U	340	60
87-86-5	Pentachlorophenol	1000	U	1000	170
129-00-0	Pyrene	340	U	340	59
218-01-9	Chrysene	340	U	340	50
207-08-9	Benzo[k]fluoranthene	34	U	34	4.8
191-24-2	Benzo[g,h,i]perylene	340	U	340	36
205-99-2	Benzo[b]fluoranthene	34	U	34	5.1
50-32-8	Benzo[a]pyrene	34	U	34	4.2
56-55-3	Benzo[a]anthracene	34	U	34	6.3
86-30-6	N-Nitrosodiphenylamine	340	U	340	56
85-68-7	Butyl benzyl phthalate	340	U	340	40
117-81-7	Bis(2-ethylhexyl) phthalate	340	U	340	46
117-84-0	Di-n-octyl phthalate	340	U	340	41
193-39-5	Indeno[1,2,3-cd]pyrene	34	U	34	5.5
53-70-3	Dibenz(a,h)anthracene	34	U	34	4.1
91-94-1	3,3'-Dichlorobenzidine	690	U	690	76
95-94-3	1,2,4,5-Tetrachlorobenzene	340	U *	340	46
58-90-2	2,3,4,6-Tetrachlorophenol	340	U	340	69

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-14-VD-S (2.5-3.0) Lab Sample ID: 460-30837-22

Matrix: Solid Lab File ID: u70307.d

Analysis Method: 8270C Date Collected: 09/09/2011 10:05

Extract. Method: 3541 Date Extracted: 09/19/2011 12:00

Sample wt/vol: 15.00(g) Date Analyzed: 09/21/2011 09:22

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 3.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86807 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	61		38-105
4165-62-2	Phenol-d5	71		41-118
1718-51-0	Terphenyl-d14	85		16-151
118-79-6	2,4,6-Tribromophenol	52		10-120
367-12-4	2-Fluorophenol	58		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.: 460-30837-1

SDG No.:

Client Sample ID: PMP-14-VD-S (2.5-3.0) Lab Sample ID: 460-30837-22

Matrix: Solid Lab File ID: u70307.d

Analysis Method: 8270C Date Collected: 09/09/2011 10:05

Extract. Method: 3541 Date Extracted: 09/19/2011 12:00

Sample wt/vol: 15.00(g) Date Analyzed: 09/21/2011 09:22

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 3.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86807 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/09-20-11/20sep11a.b/u70307.d
Report Date: 21-Sep-2011 10:19

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/u70307.d
Lab Smp Id: 460-30837-F-22-C Client Smp ID: PMP-14-VD-S (2.5-3.
Inj Date : 21-SEP-2011 09:22
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-30837-F-22-C
Misc Info : 460-30837-F-22-C
Comment   :
Method   : /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/8270C_08SP.m
Meth Date : 21-Sep-2011 00:28 asfawa Quant Type: ISTD
Cal Date : 20-SEP-2011 14:32 Cal File: u70276.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	15.00000	Weight of sample extracted (g)
M	3.59168	% 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	2.409	2.382	(0.667)	521969	58.1393	4000
$ 17 Phenol-d5 (SUR)	99	3.302	3.312	(0.914)	948090	70.7874	4900
* 79 1,4-Dichlorobenzene-d4	152	3.611	3.622	(1.000)	249447	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.185	4.211	(0.853)	391893	30.3820	2100
* 80 Naphthalene-d8	136	4.907	4.921	(1.000)	852197	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.006	6.019	(0.902)	538984	32.0773	2200
* 82 Acenaphthene-d10	164	6.660	6.671	(1.000)	554682	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.437	7.450	(1.117)	161030	51.5401	3600
* 83 Phenanthrene-d10	188	8.106	8.114	(1.000)	804041	40.0000	
$ 78 Terphenyl-d14	244	9.676	9.680	(0.902)	596487	42.4003	2900
* 81 Chrysene-d12	240	10.723	10.734	(1.000)	427682	40.0000	
* 84 Perylene-d12	264	12.435	12.445	(1.000)	221024	40.0000	

Data File: /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/u70307.d
Report Date: 21-Sep-2011 10:19

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/u70307.d
Lab Smp Id: 460-30837-F-22-C Client Smp ID: PMP-14-VD-S (2.5-3.
Inj Date : 21-SEP-2011 09:22
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-30837-F-22-C
Misc Info : 460-30837-F-22-C
Comment   :
Method   : /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/8270C_08SP.m
Meth Date : 21-Sep-2011 00:28 asfawa Quant Type: ISTD
Cal Date : 20-SEP-2011 14:32 Cal File: u70276.d
Als bottle: 27
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

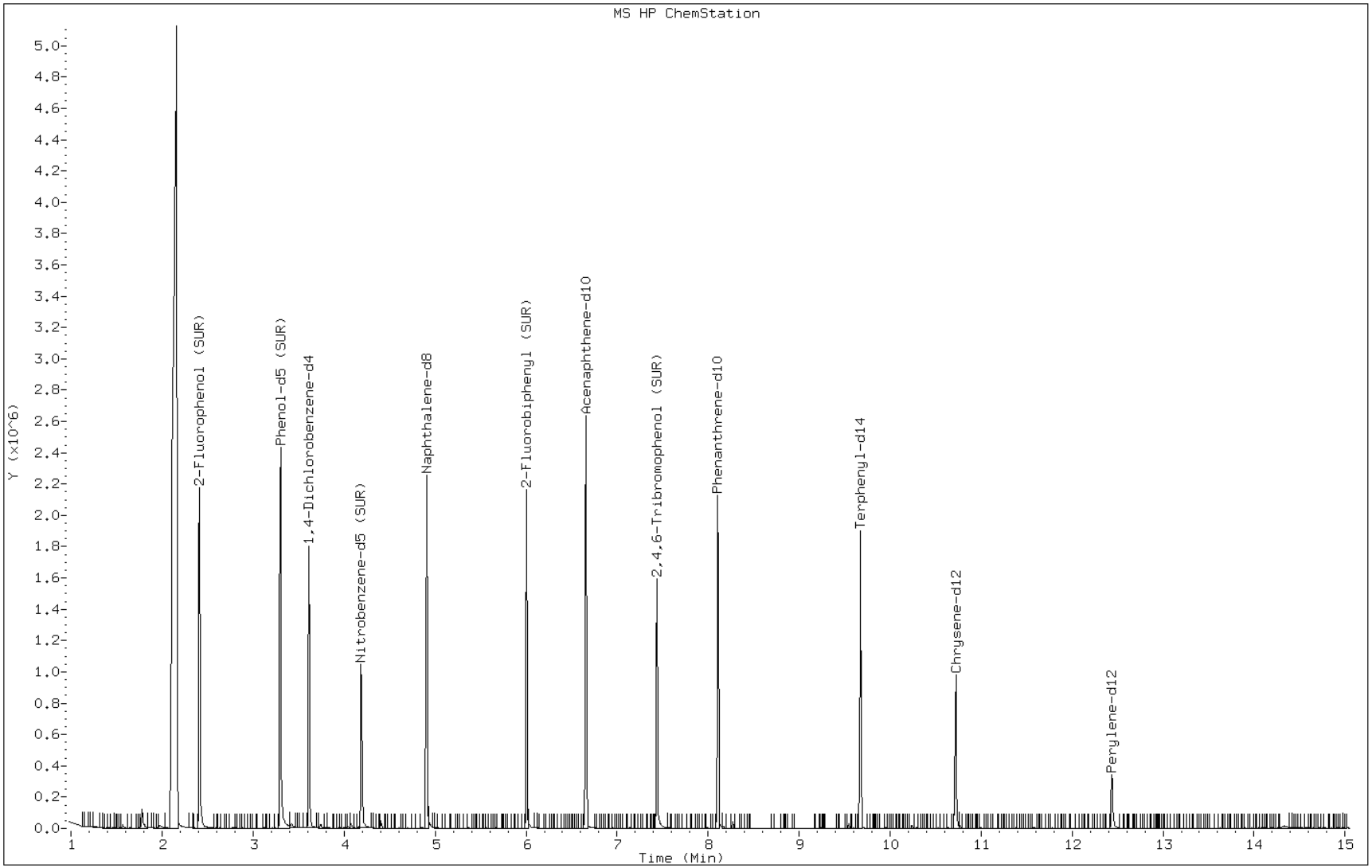
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: u70307.d

Date: 21-SEP-2011 09:22

Client ID: PMP-14-VD-S (2.5-3. Instrument: BNAMS4.i

Sample Info: 460-30837-F-22-C Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-14-WT-S (7.0-7.5) | Lab Sample ID: 460-30837-23

Matrix: Solid | Lab File ID: u70308.d

Analysis Method: 8270C | Date Collected: 09/09/2011 10:10

Extract. Method: 3541 | Date Extracted: 09/19/2011 12:00

Sample wt/vol: 15.00(g) | Date Analyzed: 09/21/2011 09:41

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86807 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	370	U	370	46
95-57-8	2-Chlorophenol	370	U	370	50
95-48-7	2-Methylphenol	370	U	370	54
106-44-5	4-Methylphenol	370	U	370	61
100-52-7	Benzaldehyde	370	U	370	23
98-86-2	Acetophenone	370	U	370	55
111-44-4	Bis(2-chloroethyl)ether	37	U	37	7.8
108-60-1	2,2'-oxybis[1-chloropropane]	370	U	370	49
621-64-7	N-Nitrosodi-n-propylamine	37	U	37	4.9
98-95-3	Nitrobenzene	37	U	37	8.3
67-72-1	Hexachloroethane	37	U	37	6.3
78-59-1	Isophorone	370	U	370	43
88-75-5	2-Nitrophenol	370	U	370	61
105-67-9	2,4-Dimethylphenol	370	U	370	60
120-83-2	2,4-Dichlorophenol	370	U	370	60
111-91-1	Bis(2-chloroethoxy)methane	370	U	370	53
91-20-3	Naphthalene	370	U	370	55
106-47-8	4-Chloroaniline	370	U	370	47
87-68-3	Hexachlorobutadiene	75	U	75	15
105-60-2	Caprolactam	370	U	370	51
59-50-7	4-Chloro-3-methylphenol	370	U	370	63
91-57-6	2-Methylnaphthalene	370	U	370	54
118-74-1	Hexachlorobenzene	37	U	37	5.2
77-47-4	Hexachlorocyclopentadiene	370	U	370	110
88-06-2	2,4,6-Trichlorophenol	370	U	370	67
95-95-4	2,4,5-Trichlorophenol	370	U	370	72
92-52-4	Diphenyl	370	U	370	61
91-58-7	2-Chloronaphthalene	370	U	370	53
88-74-4	2-Nitroaniline	750	U	750	100
606-20-2	2,6-Dinitrotoluene	75	U	75	9.5
131-11-3	Dimethyl phthalate	370	U	370	50
208-96-8	Acenaphthylene	370	U	370	53
99-09-2	3-Nitroaniline	750	U	750	84
83-32-9	Acenaphthene	370	U	370	53

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-14-WT-S (7.0-7.5) | Lab Sample ID: 460-30837-23

Matrix: Solid | Lab File ID: u70308.d

Analysis Method: 8270C | Date Collected: 09/09/2011 10:10

Extract. Method: 3541 | Date Extracted: 09/19/2011 12:00

Sample wt/vol: 15.00(g) | Date Analyzed: 09/21/2011 09:41

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86807 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1100	U	1100	96
51-28-5	2,4-Dinitrophenol	1100	U	1100	79
132-64-9	Dibenzofuran	370	U	370	56
84-66-2	Diethyl phthalate	370	U	370	50
86-73-7	Fluorene	370	U	370	63
206-44-0	Fluoranthene	370	U	370	62
84-74-2	Di-n-butyl phthalate	370	U	370	57
121-14-2	2,4-Dinitrotoluene	75	U	75	11
7005-72-3	4-Chlorophenyl phenyl ether	370	U	370	64
100-01-6	4-Nitroaniline	750	U	750	77
534-52-1	4,6-Dinitro-2-methylphenol	1100	U	1100	180
101-55-3	4-Bromophenyl phenyl ether	370	U	370	66
1912-24-9	Atrazine	370	U	370	70
120-12-7	Anthracene	370	U	370	66
86-74-8	Carbazole	370	U	370	59
85-01-8	Phenanthrene	370	U	370	65
87-86-5	Pentachlorophenol	1100	U	1100	180
129-00-0	Pyrene	370	U	370	64
218-01-9	Chrysene	370	U	370	54
207-08-9	Benzo[k]fluoranthene	37	U	37	5.2
191-24-2	Benzo[g,h,i]perylene	370	U	370	39
205-99-2	Benzo[b]fluoranthene	37	U	37	5.5
50-32-8	Benzo[a]pyrene	37	U	37	4.6
56-55-3	Benzo[a]anthracene	37	U	37	6.9
86-30-6	N-Nitrosodiphenylamine	370	U	370	61
85-68-7	Butyl benzyl phthalate	370	U	370	43
117-81-7	Bis(2-ethylhexyl) phthalate	370	U	370	49
117-84-0	Di-n-octyl phthalate	370	U	370	44
193-39-5	Indeno[1,2,3-cd]pyrene	37	U	37	6.0
53-70-3	Dibenz(a,h)anthracene	37	U	37	4.5
91-94-1	3,3'-Dichlorobenzidine	750	U	750	82
95-94-3	1,2,4,5-Tetrachlorobenzene	370	U *	370	50
58-90-2	2,3,4,6-Tetrachlorophenol	370	U	370	75

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-14-WT-S (7.0-7.5) Lab Sample ID: 460-30837-23

Matrix: Solid Lab File ID: u70308.d

Analysis Method: 8270C Date Collected: 09/09/2011 10:10

Extract. Method: 3541 Date Extracted: 09/19/2011 12:00

Sample wt/vol: 15.00(g) Date Analyzed: 09/21/2011 09:41

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 11.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86807 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	48		38-105
4165-62-2	Phenol-d5	63		41-118
1718-51-0	Terphenyl-d14	89		16-151
118-79-6	2,4,6-Tribromophenol	52		10-120
367-12-4	2-Fluorophenol	49		37-125
321-60-8	2-Fluorobiphenyl	51		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-14-WT-S (7.0-7.5) | Lab Sample ID: 460-30837-23

Matrix: Solid | Lab File ID: u70308.d

Analysis Method: 8270C | Date Collected: 09/09/2011 10:10

Extract. Method: 3541 | Date Extracted: 09/19/2011 12:00

Sample wt/vol: 15.00(g) | Date Analyzed: 09/21/2011 09:41

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86807 | Units: ug/Kg

Number TICs Found: 2 | TIC Result Total: 1070

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown-1	9.55	670	J
	Unknown-2	10.24	400	J

Data File: /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/u70308.d
Report Date: 21-Sep-2011 12:57

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/u70308.d
Lab Smp Id: 460-30837-F-23-C Client Smp ID: PMP-14-WT-S (7.0-7.
Inj Date : 21-SEP-2011 09:41
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-30837-F-23-C
Misc Info : 460-30837-F-23-C
Comment   :
Method   : /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/8270C_08SP.m
Meth Date : 21-Sep-2011 00:28 asfawa Quant Type: ISTD
Cal Date : 20-SEP-2011 14:32 Cal File: u70276.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	11.23810	% 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	2.407	2.382	(0.666)	431210	49.1366	3700
$ 17 Phenol-d5 (SUR)	99	3.296	3.312	(0.912)	822342	62.8131	4700
* 79 1,4-Dichlorobenzene-d4	152	3.612	3.622	(1.000)	243830	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.184	4.211	(0.852)	319761	24.1654	1800
* 80 Naphthalene-d8	136	4.909	4.921	(1.000)	874219	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.009	6.019	(0.902)	420578	25.5794	1900
* 82 Acenaphthene-d10	164	6.661	6.671	(1.000)	542779	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.433	7.450	(1.116)	159523	52.1774	3900
* 83 Phenanthrene-d10	188	8.110	8.114	(1.000)	781636	40.0000	
$ 78 Terphenyl-d14	244	9.675	9.680	(0.903)	537450	44.3601	3300
* 81 Chrysene-d12	240	10.718	10.734	(1.000)	368328	40.0000	
* 84 Perylene-d12	264	12.441	12.445	(1.000)	188151	40.0000	

Data File: /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/u70308.d
Report Date: 21-Sep-2011 12:57

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/u70308.d
Lab Smp Id: 460-30837-F-23-C Client Smp ID: PMP-14-WT-S (7.0-7.
Inj Date : 21-SEP-2011 09:41
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-30837-F-23-C
Misc Info : 460-30837-F-23-C
Comment   :
Method   : /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/8270C_08SP.m
Meth Date : 21-Sep-2011 00:28 asfawa Quant Type: ISTD
Cal Date : 20-SEP-2011 14:32 Cal File: u70276.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	11.23810	% Moisture

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 81 Chrysene-d12	10.718	891540	40.000

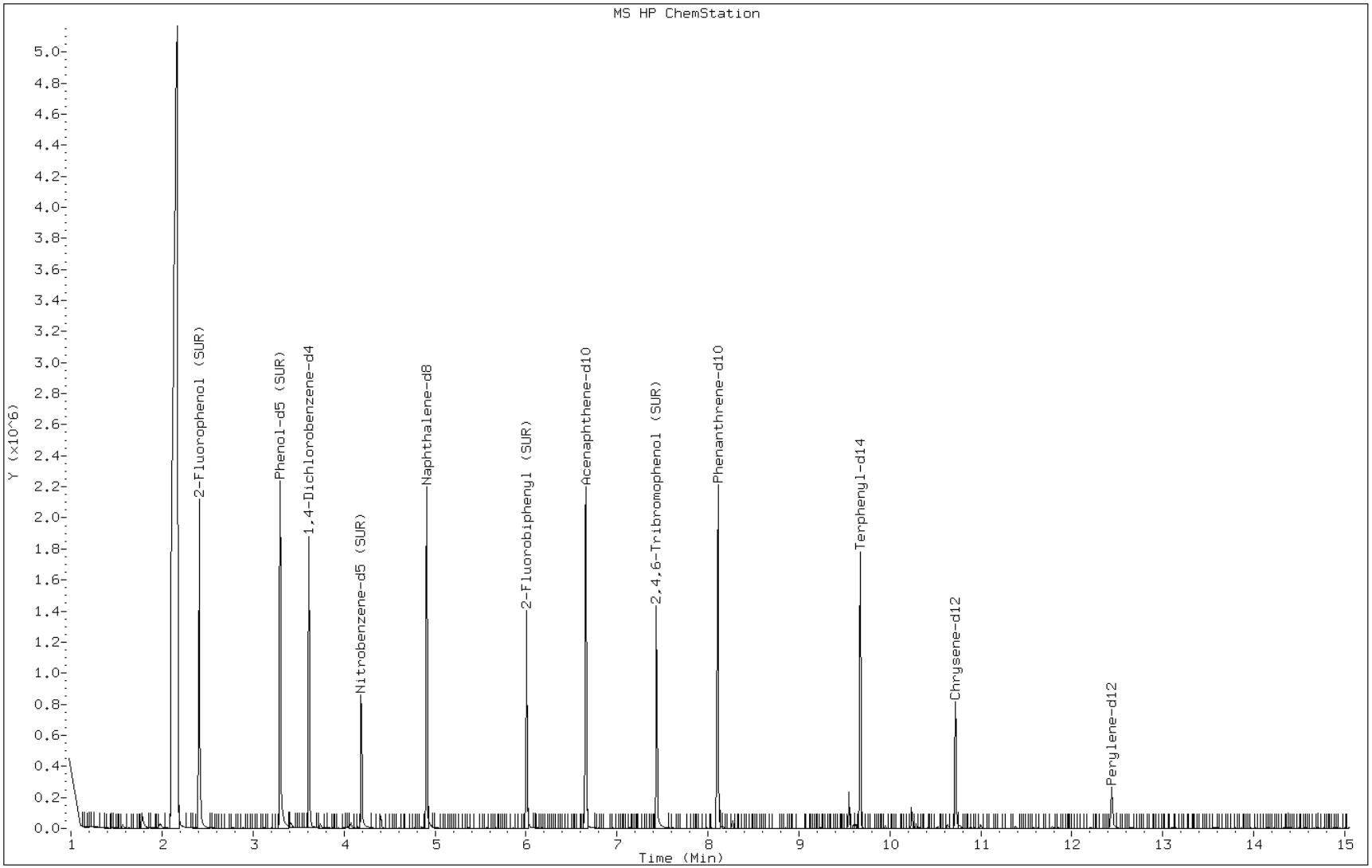
	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown-1				CAS #:			
9.551	197635	8.86712254	660	0		0	81
Unknown-2				CAS #:			
10.239	118348	5.30983046	400	0		0	81

Data File: u70308.d

Date: 21-SEP-2011 09:41

Client ID: PMP-14-WT-S (7.0-7. Instrument: BNAMS4.i

Sample Info: 460-30837-F-23-C Operator: BNAMS 4



Data File: u70308.d

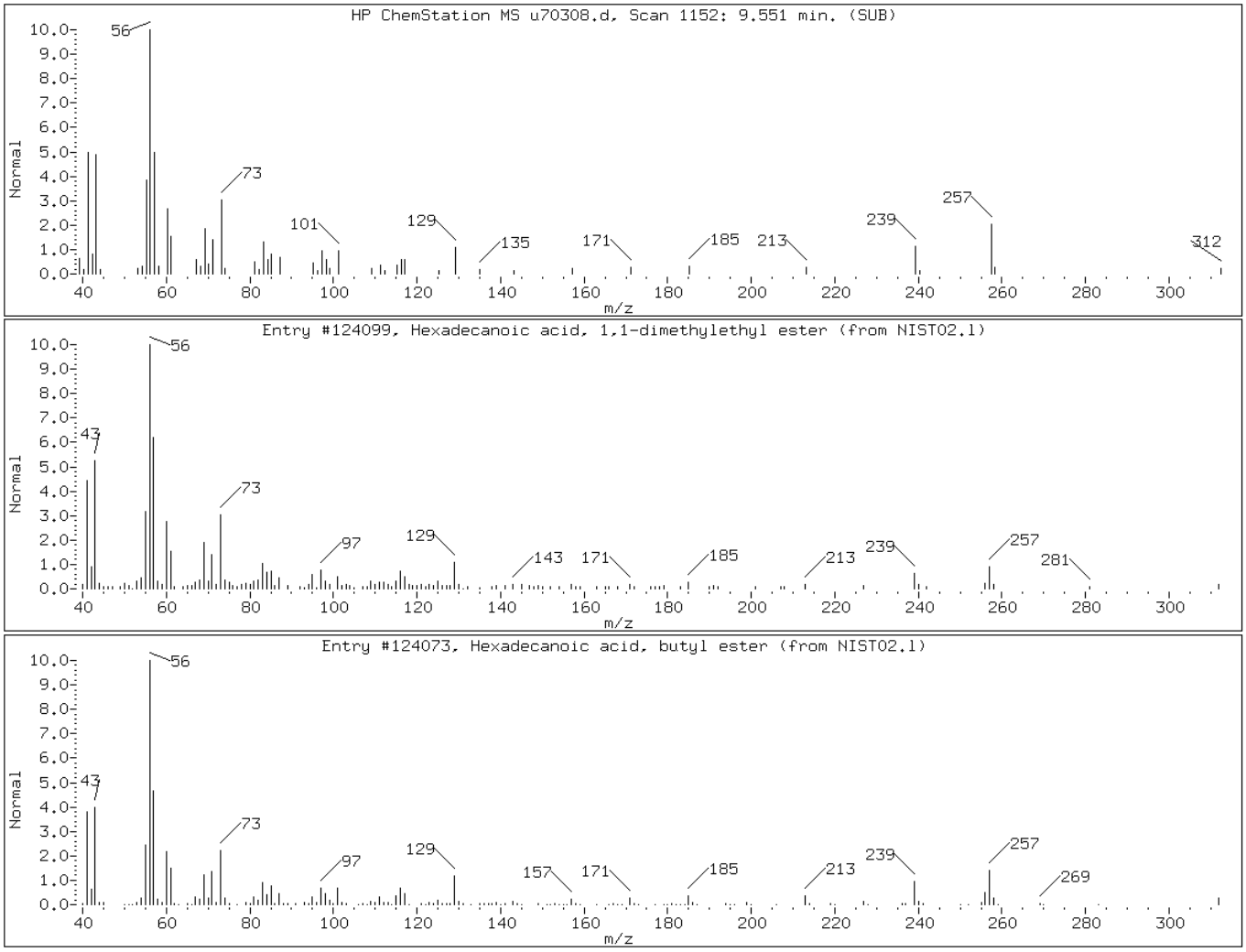
Date: 21-SEP-2011 09:41

Client ID: PMP-14-WT-S (7.0-7. Instrument: BNAMS4.i

Sample Info: 460-30837-F-23-C Operator: BNAMS 4

Retention Time: 9.55

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
Hexadecanoic acid, 1,1-dimethyleth	31158-91-5	NIST02.l	124099	98	C20H40O2	312
Hexadecanoic acid, butyl ester	111-06-8	NIST02.l	124073	98	C20H40O2	312



Data File: u70308.d

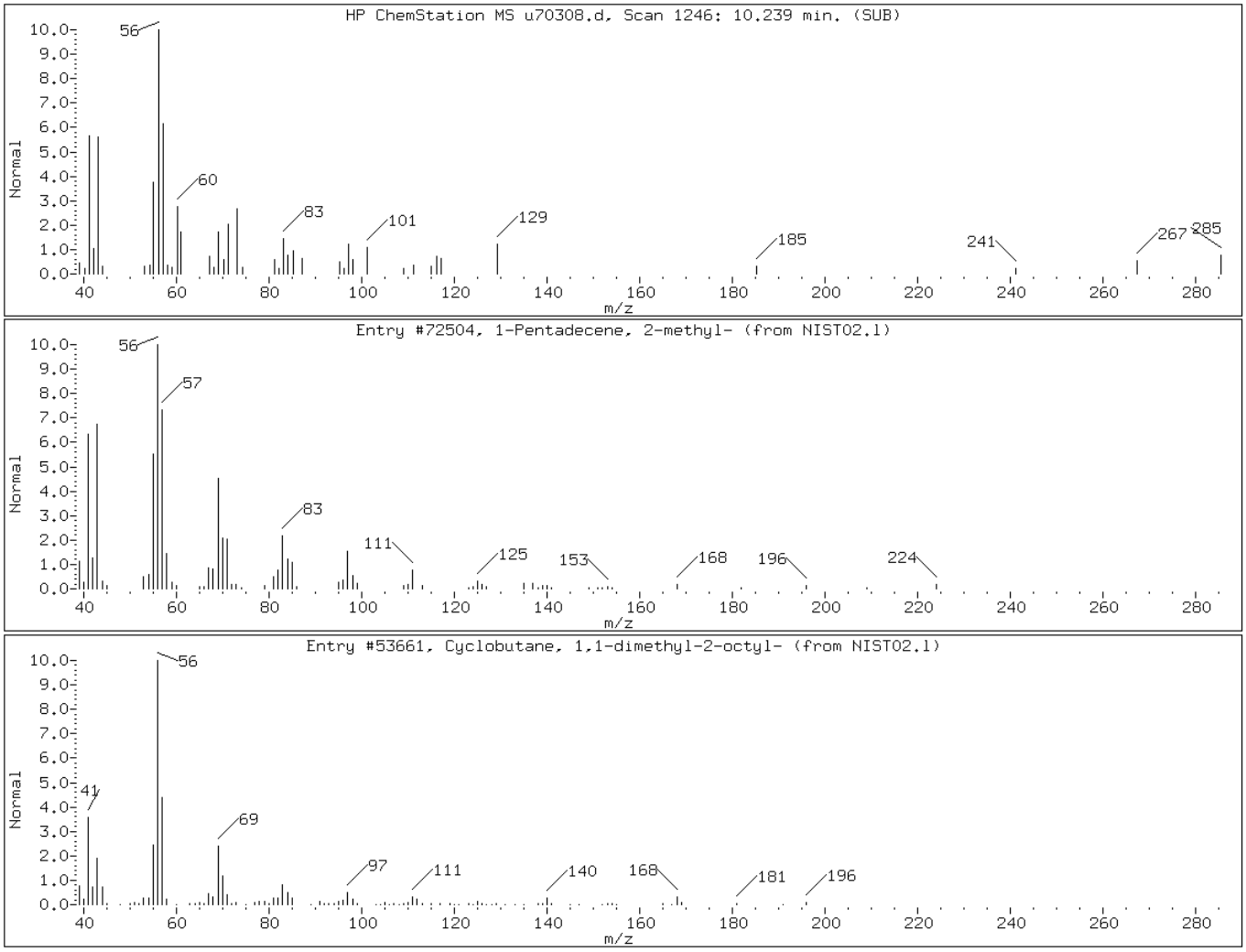
Date: 21-SEP-2011 09:41

Client ID: PMP-14-WT-S (7.0-7. Instrument: BNAMS4.i

Sample Info: 460-30837-F-23-C Operator: BNAMS 4

Retention Time: 10.24

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
1-Pentadecene, 2-methyl-	29833-69-0	NIST02.l	72504	43	C16H32	224
Cyclobutane, 1,1-dimethyl-2-octyl-	62338-30-1	NIST02.l	53661	38	C14H28	196



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-8-VS-S (0.5-1.0) | Lab Sample ID: 460-30837-24

Matrix: Solid | Lab File ID: u70312.d

Analysis Method: 8270C | Date Collected: 09/09/2011 10:15

Extract. Method: 3541 | Date Extracted: 09/19/2011 12:00

Sample wt/vol: 15.02(g) | Date Analyzed: 09/21/2011 10:58

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86807 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	350	U	350	43
95-57-8	2-Chlorophenol	350	U	350	47
95-48-7	2-Methylphenol	350	U	350	50
106-44-5	4-Methylphenol	350	U	350	57
100-52-7	Benzaldehyde	350	U	350	22
98-86-2	Acetophenone	350	U	350	52
111-44-4	Bis(2-chloroethyl)ether	35	U	35	7.3
108-60-1	2,2'-oxybis[1-chloropropane]	350	U	350	46
621-64-7	N-Nitrosodi-n-propylamine	35	U	35	4.6
98-95-3	Nitrobenzene	35	U	35	7.8
67-72-1	Hexachloroethane	35	U	35	5.9
78-59-1	Isophorone	350	U	350	40
88-75-5	2-Nitrophenol	350	U	350	58
105-67-9	2,4-Dimethylphenol	350	U	350	56
120-83-2	2,4-Dichlorophenol	350	U	350	56
111-91-1	Bis(2-chloroethoxy)methane	350	U	350	50
91-20-3	Naphthalene	350	U	350	51
106-47-8	4-Chloroaniline	350	U	350	44
87-68-3	Hexachlorobutadiene	71	U	71	14
105-60-2	Caprolactam	350	U	350	48
59-50-7	4-Chloro-3-methylphenol	350	U	350	59
91-57-6	2-Methylnaphthalene	350	U	350	51
118-74-1	Hexachlorobenzene	35	U	35	4.9
77-47-4	Hexachlorocyclopentadiene	350	U	350	100
88-06-2	2,4,6-Trichlorophenol	350	U	350	63
95-95-4	2,4,5-Trichlorophenol	350	U	350	67
92-52-4	Diphenyl	350	U	350	58
91-58-7	2-Chloronaphthalene	350	U	350	49
88-74-4	2-Nitroaniline	710	U	710	96
606-20-2	2,6-Dinitrotoluene	71	U	71	8.9
131-11-3	Dimethyl phthalate	350	U	350	47
208-96-8	Acenaphthylene	350	U	350	50
99-09-2	3-Nitroaniline	710	U	710	79
83-32-9	Acenaphthene	350	U	350	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-8-VS-S (0.5-1.0) | Lab Sample ID: 460-30837-24

Matrix: Solid | Lab File ID: u70312.d

Analysis Method: 8270C | Date Collected: 09/09/2011 10:15

Extract. Method: 3541 | Date Extracted: 09/19/2011 12:00

Sample wt/vol: 15.02(g) | Date Analyzed: 09/21/2011 10:58

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86807 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1100	U	1100	90
51-28-5	2,4-Dinitrophenol	1100	U	1100	74
132-64-9	Dibenzofuran	350	U	350	53
84-66-2	Diethyl phthalate	350	U	350	47
86-73-7	Fluorene	350	U	350	59
206-44-0	Fluoranthene	350	U	350	58
84-74-2	Di-n-butyl phthalate	350	U	350	54
121-14-2	2,4-Dinitrotoluene	71	U	71	10
7005-72-3	4-Chlorophenyl phenyl ether	350	U	350	60
100-01-6	4-Nitroaniline	710	U	710	72
534-52-1	4,6-Dinitro-2-methylphenol	1100	U	1100	170
101-55-3	4-Bromophenyl phenyl ether	350	U	350	62
1912-24-9	Atrazine	350	U	350	65
120-12-7	Anthracene	350	U	350	62
86-74-8	Carbazole	350	U	350	56
85-01-8	Phenanthrene	350	U	350	61
87-86-5	Pentachlorophenol	1100	U	1100	170
129-00-0	Pyrene	350	U	350	60
218-01-9	Chrysene	350	U	350	51
207-08-9	Benzo[k]fluoranthene	35	U	35	4.9
191-24-2	Benzo[g,h,i]perylene	350	U	350	37
205-99-2	Benzo[b]fluoranthene	35	U	35	5.2
50-32-8	Benzo[a]pyrene	35	U	35	4.3
56-55-3	Benzo[a]anthracene	35	U	35	6.5
86-30-6	N-Nitrosodiphenylamine	350	U	350	57
85-68-7	Butyl benzyl phthalate	350	U	350	41
117-81-7	Bis(2-ethylhexyl) phthalate	350	U	350	46
117-84-0	Di-n-octyl phthalate	350	U	350	42
193-39-5	Indeno[1,2,3-cd]pyrene	35	U	35	5.6
53-70-3	Dibenz(a,h)anthracene	35	U	35	4.2
91-94-1	3,3'-Dichlorobenzidine	710	U	710	77
95-94-3	1,2,4,5-Tetrachlorobenzene	350	U *	350	47
58-90-2	2,3,4,6-Tetrachlorophenol	350	U	350	70

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-8-VS-S (0.5-1.0) Lab Sample ID: 460-30837-24

Matrix: Solid Lab File ID: u70312.d

Analysis Method: 8270C Date Collected: 09/09/2011 10:15

Extract. Method: 3541 Date Extracted: 09/19/2011 12:00

Sample wt/vol: 15.02(g) Date Analyzed: 09/21/2011 10:58

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 5.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86807 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	53		38-105
4165-62-2	Phenol-d5	59		41-118
1718-51-0	Terphenyl-d14	56		16-151
118-79-6	2,4,6-Tribromophenol	24		10-120
367-12-4	2-Fluorophenol	46		37-125
321-60-8	2-Fluorobiphenyl	72		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-8-VS-S (0.5-1.0) | Lab Sample ID: 460-30837-24

Matrix: Solid | Lab File ID: u70312.d

Analysis Method: 8270C | Date Collected: 09/09/2011 10:15

Extract. Method: 3541 | Date Extracted: 09/19/2011 12:00

Sample wt/vol: 15.02(g) | Date Analyzed: 09/21/2011 10:58

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86807 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 14040

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-1	7.36	580	J
	Unknown Alkane-2	7.62	1700	J
	Unknown Alkane-3	7.80	520	J
593-45-3	n-Octadecane	8.05	410	
	Unknown Alkane-5	8.08	2100	J
	Trichloro-1,1-biphenyl isomer-1	8.22	850	J
	Unknown Alkane-6	8.42	330	J
	Trichloro-1,1-biphenyl isomer-2	8.46	1900	J
	Trichloro-1,1-biphenyl isomer-3	8.53	460	J
	Trichloro-1,1-biphenyl isomer-4	8.60	360	J
	Tetrachloro-1,1-biphenyl isomer-1	8.62	420	J
	Tetrachloro-1,1-biphenyl isomer-2	8.73	610	J
	Unknown	8.76	610	J
	Tetrachloro-1,1-biphenyl isomer-3	8.79	350	J
	Tetrachloro-1,1-biphenyl isomer-4	8.89	480	J
	Trichloro-1,1-biphenyl isomer-5	8.96	330	J
	Tetrachloro-1,1-biphenyl isomer-5	8.99	420	J
	Tetrachloro-1,1-biphenyl isomer-6	9.22	500	J
	Unknown Alkane-8	9.24	720	J
	Tetrachloro-1,1-biphenyl isomer-7	9.37	390	J

Data File: /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/u70312.d
Report Date: 21-Sep-2011 13:00

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/u70312.d
Lab Smp Id: 460-30837-F-24-C Client Smp ID: PMP-8-VS-S (0.5-1.0
Inj Date : 21-SEP-2011 10:58
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-30837-F-24-C
Misc Info : 460-30837-F-24-C
Comment   :
Method   : /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/8270C_08SP.m
Meth Date : 21-Sep-2011 00:28 asfawa Quant Type: ISTD
Cal Date : 20-SEP-2011 14:32 Cal File: u70276.d
Als bottle: 32
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	5.56586	% 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	2.405	2.382	(0.666)	442756	46.4354	3300
$ 17 Phenol-d5 (SUR)	99	3.300	3.312	(0.914)	833197	58.5753	4100
* 79 1,4-Dichlorobenzene-d4	152	3.610	3.622	(1.000)	264922	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.191	4.211	(0.855)	349550	26.3607	1800
* 80 Naphthalene-d8	136	4.905	4.921	(1.000)	876076	40.0000	
34 2-Methylnaphthalene	142	5.635	5.641	(1.149)	4015	0.25153	18(a)
120 1-Methylnaphthalene	142	5.730	5.736	(1.168)	1698	0.10650	7.5(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.010	6.019	(0.902)	462041	35.9853	2500
125 1,3-Dimethylnaphthalene	156	6.330	6.345	(0.950)	1787	0.17704	12(a)
* 82 Acenaphthene-d10	164	6.661	6.671	(1.000)	423858	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.436	7.450	(1.116)	57873	24.2405	1700
115 n-Octadecane	57	8.048	8.054	(0.993)	37161	5.81924	410
* 83 Phenanthrene-d10	188	8.107	8.114	(1.000)	319421	40.0000	

Data File: /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/u70312.d
Report Date: 21-Sep-2011 13:00

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 78 Terphenyl-d14	244	9.674	9.680	(0.903)	170433	28.1557	2000
* 81 Chrysene-d12	240	10.717	10.734	(1.000)	184025	40.0000	
* 84 Perylene-d12	264	12.438	12.445	(1.000)	156590	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/u70312.d
Report Date: 21-Sep-2011 13:00

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/u70312.d
Lab Smp Id: 460-30837-F-24-C Client Smp ID: PMP-8-VS-S (0.5-1.0
Inj Date : 21-SEP-2011 10:58
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-30837-F-24-C
Misc Info : 460-30837-F-24-C
Comment   :
Method   : /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/8270C_08SP.m
Meth Date : 21-Sep-2011 00:28 asfawa Quant Type: ISTD
Cal Date : 20-SEP-2011 14:32 Cal File: u70276.d
Als bottle: 32
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	5.56586	% Moisture

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 82 Acenaphthene-d10	6.661	1846398	40.000
* 83 Phenanthrene-d10	8.107	1034091	40.000

	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane-1				CAS #:			
7.363	382781	8.29249209	580	0		0	82

Data File: /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/u70312.d
Report Date: 21-Sep-2011 13:00

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane-2					CAS #:		
7.623	637588	24.6627252	1700	0		0	83
Unknown Alkane-3					CAS #:		
7.795	189751	7.33981413	520	0		0	83
Unknown Alkane-4					CAS #:		
7.833	105059	4.06383324	290	0		0	83
Unknown Alkane-5					CAS #:		
8.078	779768	30.1624473	2100	0		0	83
Trichloro-1,1-biphenyl isomer-1					CAS #:		
8.220	312713	12.0961517	850	0		0	83
Unknown Alkane-6					CAS #:		
8.419	122309	4.73106420	330	0		0	83
Trichloro-1,1-biphenyl isomer-2					CAS #:		
8.462	708453	27.4038868	1900	0		0	83
Trichloro-1,1-biphenyl isomer-3					CAS #:		
8.529	169613	6.56087072	460	0		0	83
Trichloro-1,1-biphenyl isomer-4					CAS #:		
8.602	132075	5.10883970	360	0		0	83
Tetrachloro-1,1-biphenyl isomer-1					CAS #:		
8.624	153948	5.95492515	420	0		0	83
Tetrachloro-1,1-biphenyl isomer-2					CAS #:		
8.727	222934	8.62338728	610	0		0	83
Unknown					CAS #:		
8.764	222202	8.59507015	600	0		0	83
Tetrachloro-1,1-biphenyl isomer-3					CAS #:		
8.787	129803	5.02093860	350	0		0	83
Unknown Alkane-7					CAS #:		
8.861	105659	4.08702901	290	0		0	83
Tetrachloro-1,1-biphenyl isomer-4					CAS #:		
8.891	174430	6.74717213	480	0		0	83

Data File: /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/u70312.d
Report Date: 21-Sep-2011 13:00

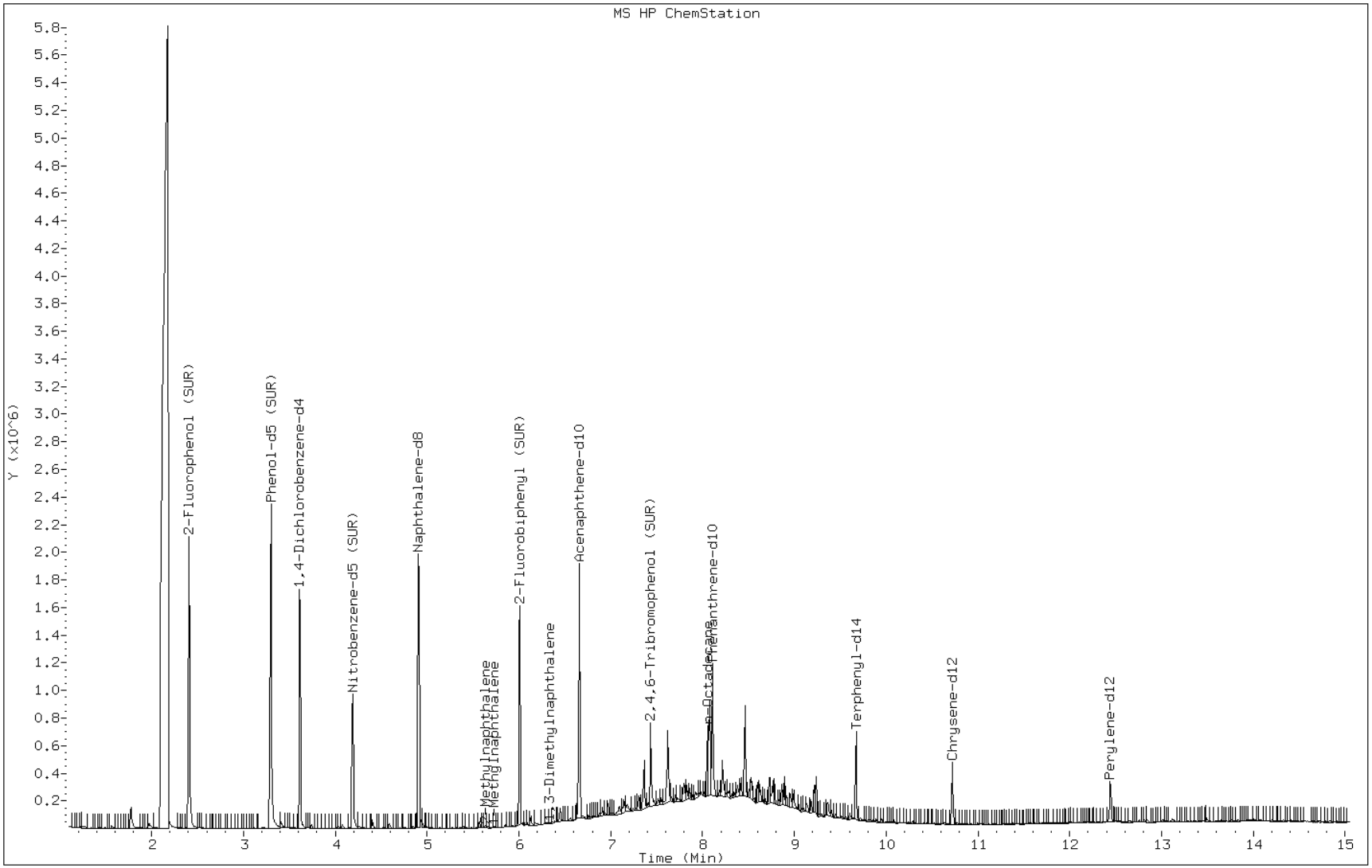
	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
====	====	==========	==========	====	=======	=========	======
Trichloro-1,1-biphenyl isomer-5					CAS #:		
8.958	122796	4.74992519	330	0		0	83
Tetrachloro-1,1-biphenyl isomer-5					CAS #:		
8.994	152868	5.91311634	420	0		0	83
Tetrachloro-1,1-biphenyl isomer-6					CAS #:		
9.218	182587	7.06271321	500	0		0	83
Unknown Alkane-8					CAS #:		
9.239	263282	10.1840785	720	0		0	83
Tetrachloro-1,1-biphenyl isomer-7					CAS #:		
9.365	143537	5.55219261	390	0		0	83

Data File: u70312.d

Date: 21-SEP-2011 10:58

Client ID: PMP-8-VS-S (0.5-1.0 Instrument: BNAMS4.i

Sample Info: 460-30837-F-24-C Operator: BNAMS 4



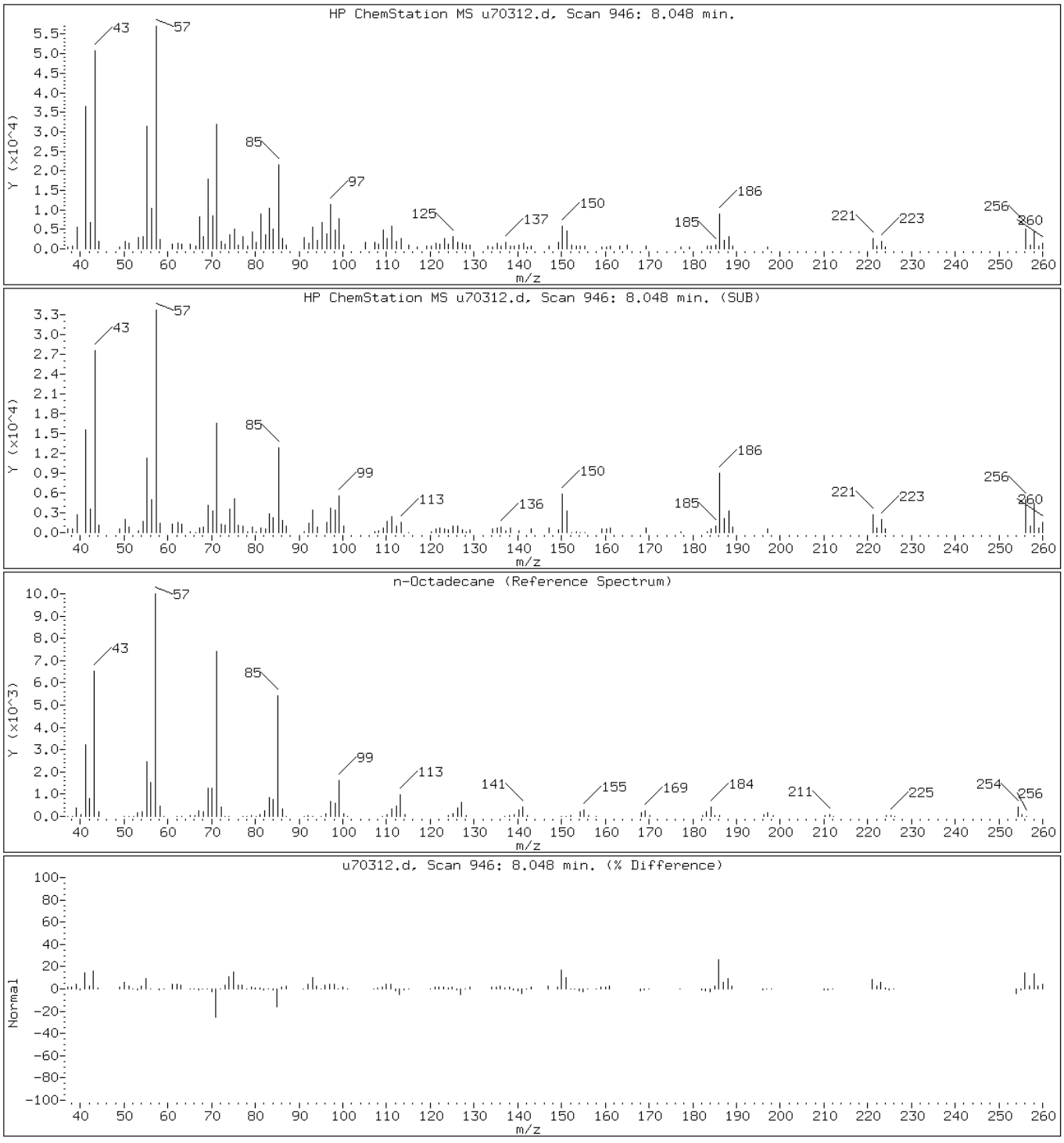
Data File: u70312.d

Date: 21-SEP-2011 10:58

Client ID: PMP-8-VS-S (0.5-1.0 Instrument: BNAMS4.i

Sample Info: 460-30837-F-24-C Operator: BNAMS 4

115 n-Octadecane



Data File: u70312.d

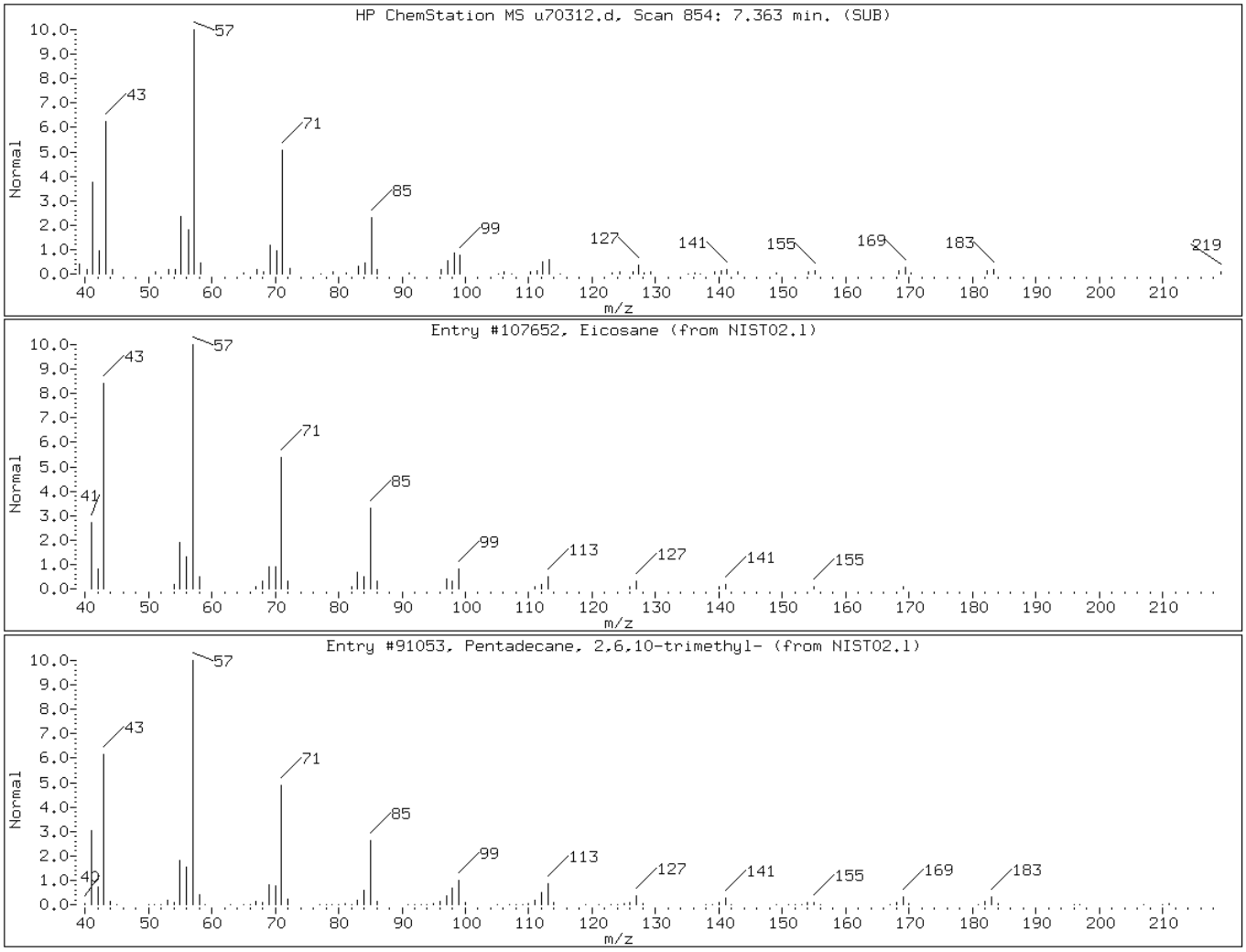
Date: 21-SEP-2011 10:58

Client ID: PMP-8-VS-S (0.5-1.0 Instrument: BNAMS4.i

Sample Info: 460-30837-F-24-C Operator: BNAMS 4

Retention Time: 7.36

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Eicosane	112-95-8	NIST02.l	107652	90	C20H42	282
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.l	91053	90	C18H38	254



Data File: u70312.d

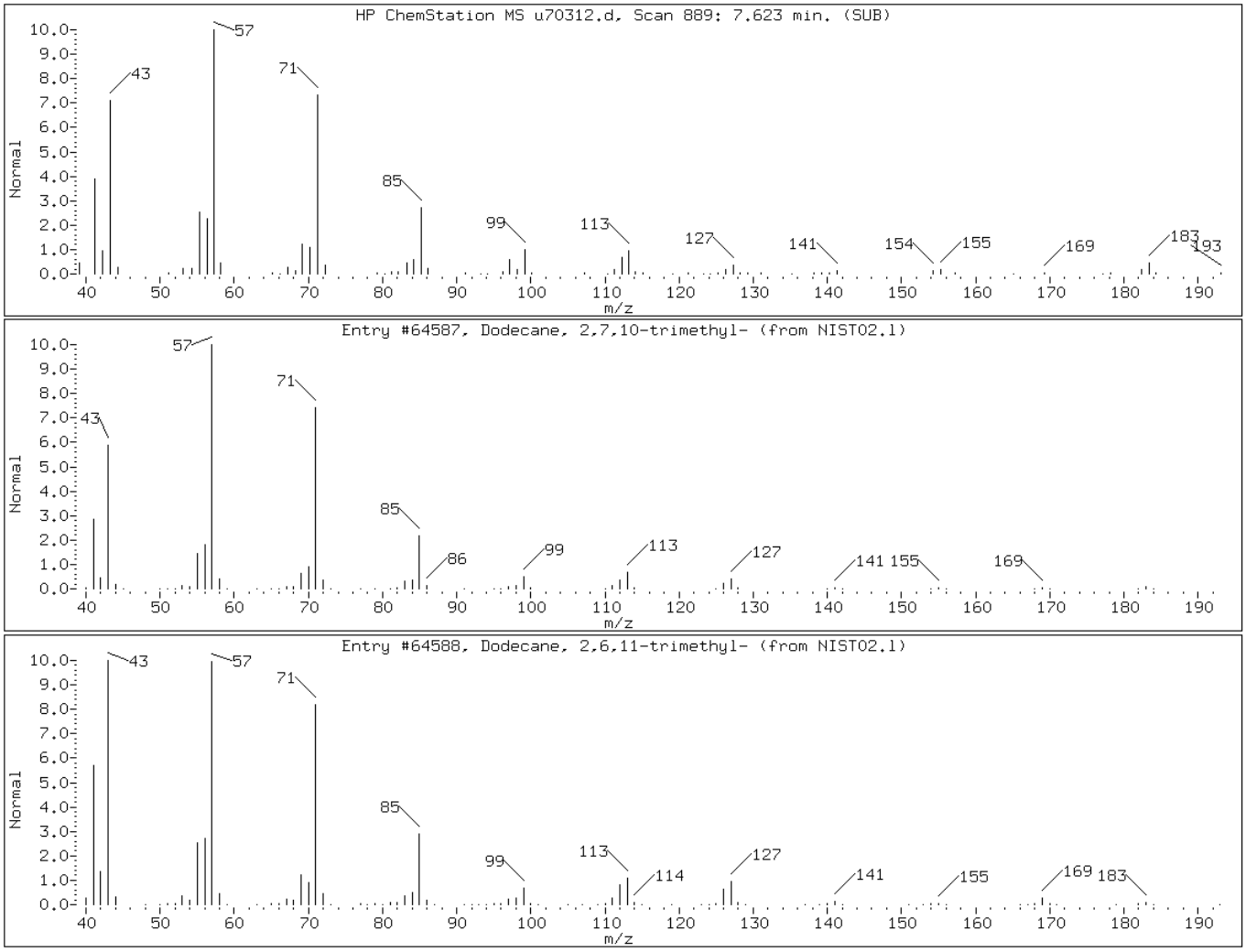
Date: 21-SEP-2011 10:58

Client ID: PMP-8-VS-S (0.5-1.0 Instrument: BNAMS4.i

Sample Info: 460-30837-F-24-C Operator: BNAMS 4

Retention Time: 7.62

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	86	C15H32	212
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.l	64588	86	C15H32	212



Data File: u70312.d

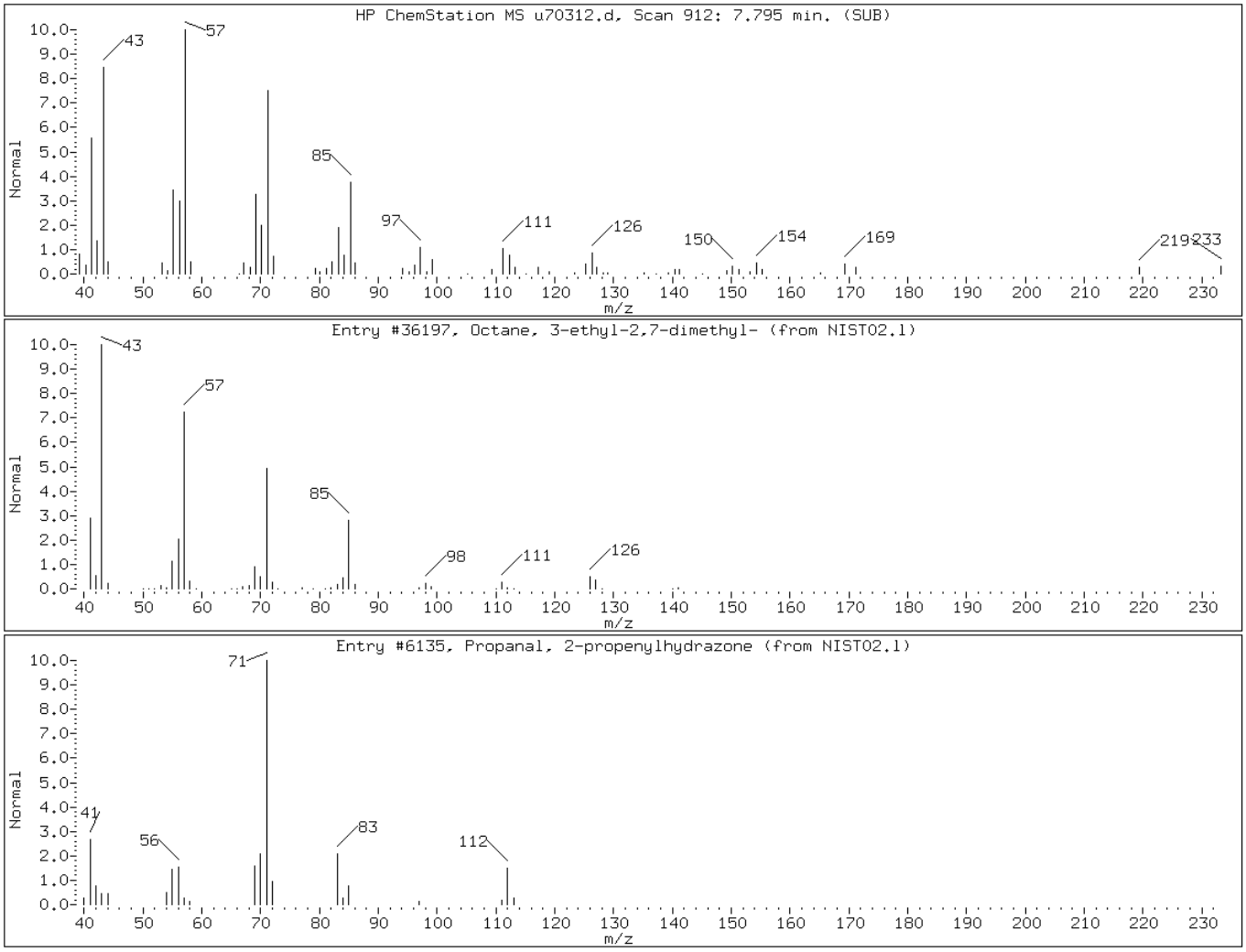
Date: 21-SEP-2011 10:58

Client ID: PMP-8-VS-S (0.5-1.0 Instrument: BNAMS4.i

Sample Info: 460-30837-F-24-C Operator: BNAMS 4

Retention Time: 7.80

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Octane, 3-ethyl-2,7-dimethyl-	62183-55-5	NIST02.l	36197	53	C12H26	170
Propanal, 2-propenylhydrazone	19031-78-8	NIST02.l	6135	52	C6H12N2	112



Data File: u70312.d

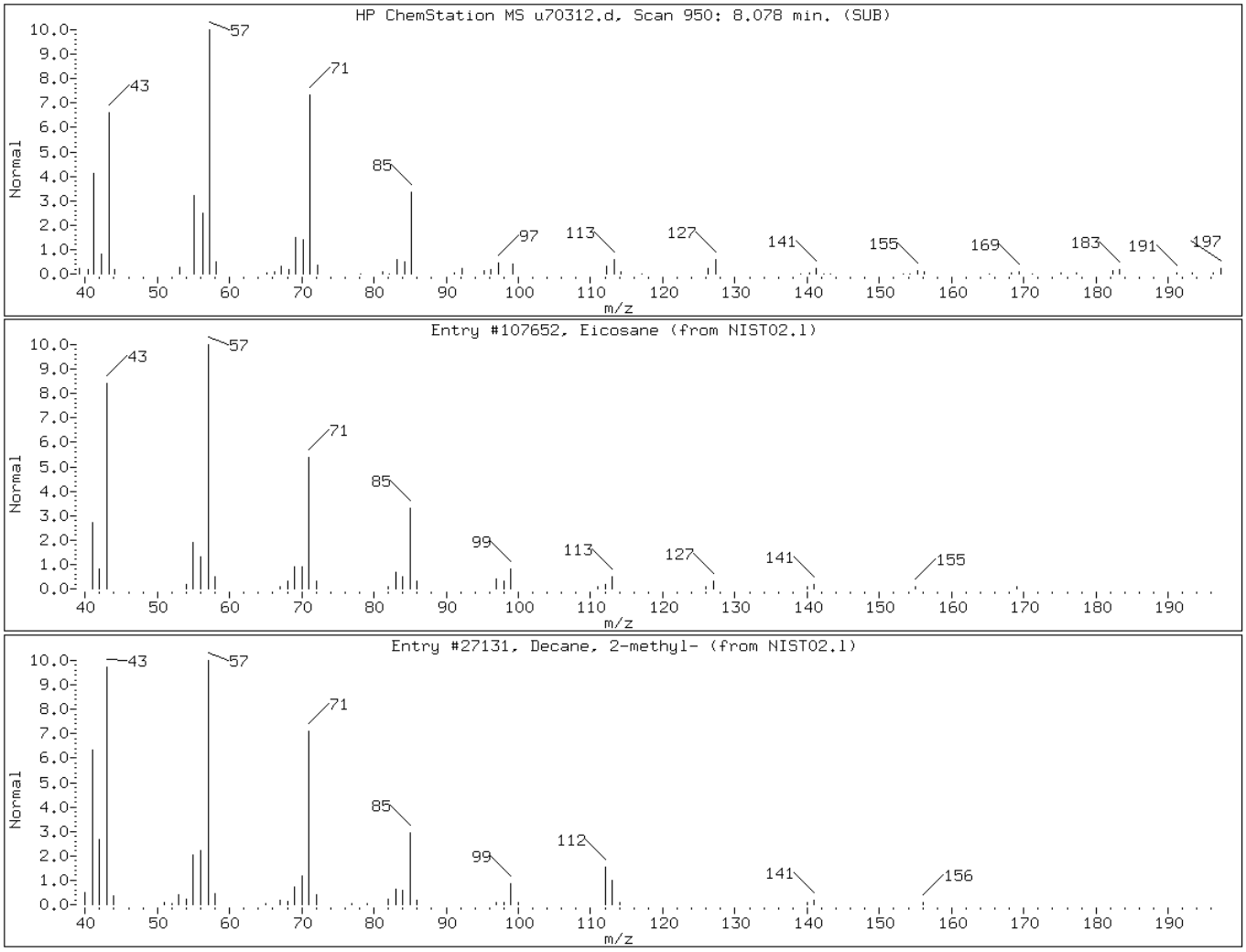
Date: 21-SEP-2011 10:58

Client ID: PMP-8-VS-S (0.5-1.0 Instrument: BNAMS4.i

Sample Info: 460-30837-F-24-C Operator: BNAMS 4

Retention Time: 8.08

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Eicosane	112-95-8	NIST02.l	107652	86	C20H42	282
Decane, 2-methyl-	6975-98-0	NIST02.l	27131	80	C11H24	156



Data File: u70312.d

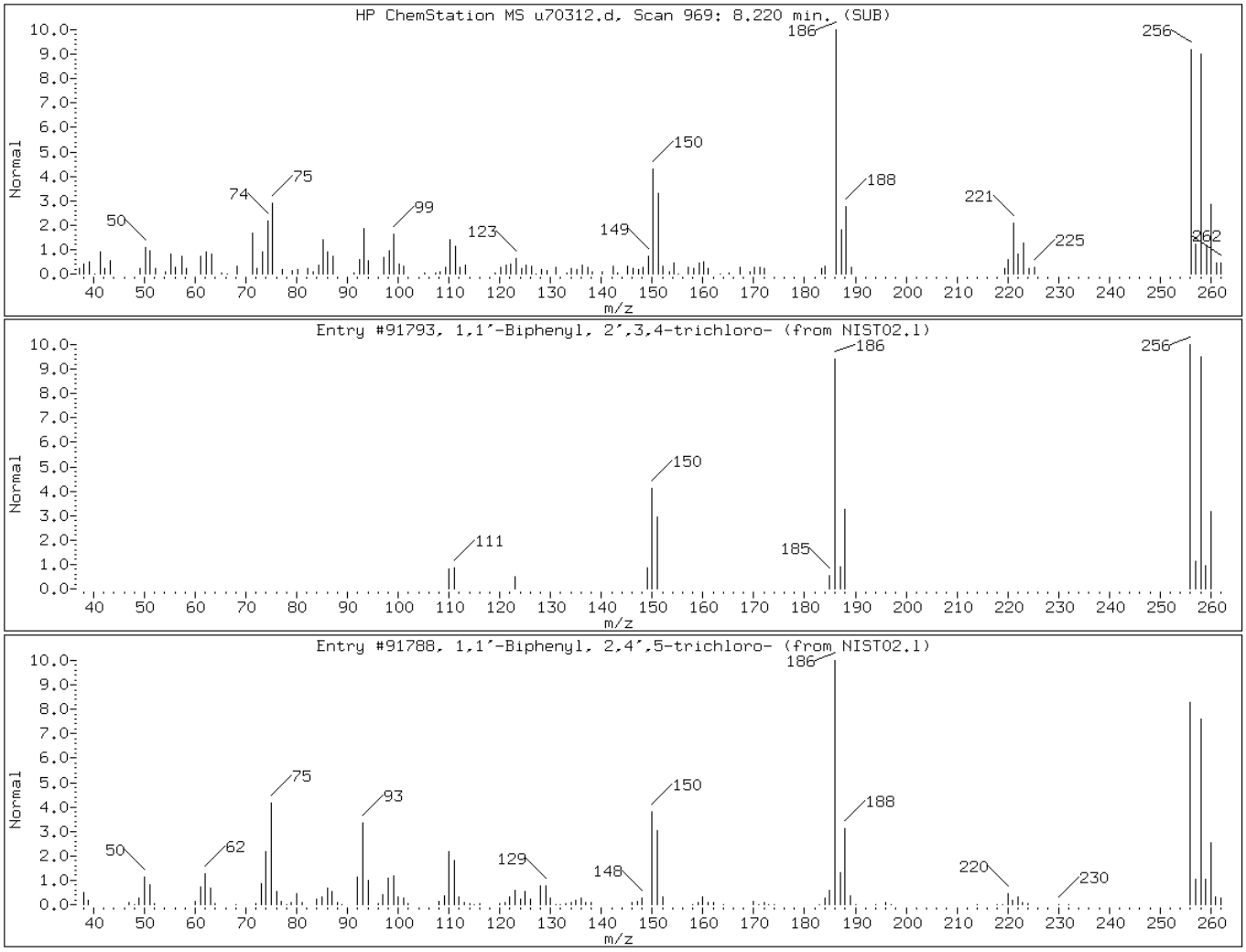
Date: 21-SEP-2011 10:58

Client ID: PMP-8-VS-S (0.5-1.0 Instrument: BNAMS4.i

Sample Info: 460-30837-F-24-C Operator: BNAMS 4

Retention Time: 8.22

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	98	C12H7Cl3	256
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91788	97	C12H7Cl3	256



Data File: u70312.d

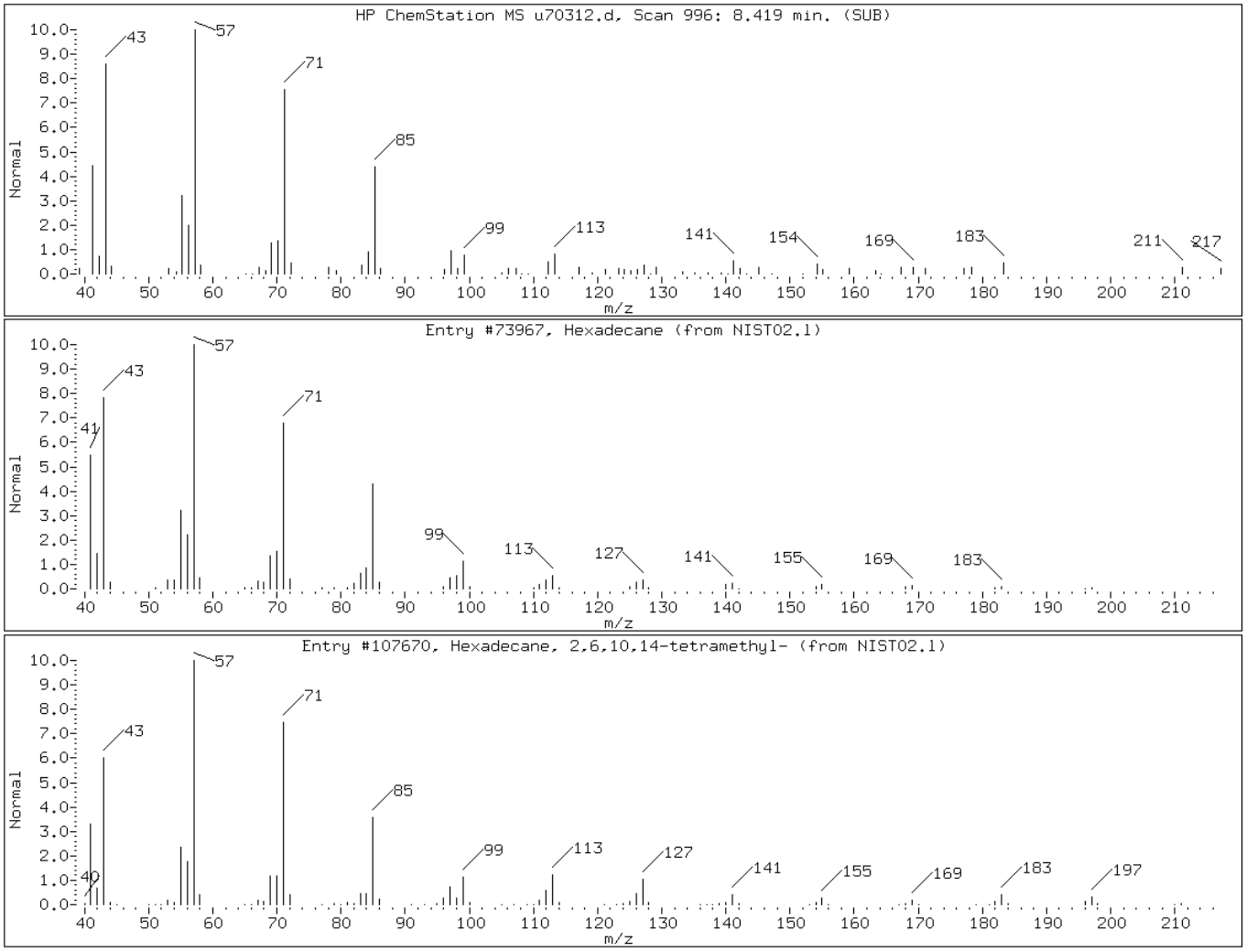
Date: 21-SEP-2011 10:58

Client ID: PMP-8-VS-S (0.5-1.0 Instrument: BNAMS4.i

Sample Info: 460-30837-F-24-C Operator: BNAMS 4

Retention Time: 8.42

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Hexadecane	544-76-3	NIST02.l	73967	86	C16H34	226
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107670	83	C20H42	282



Data File: u70312.d

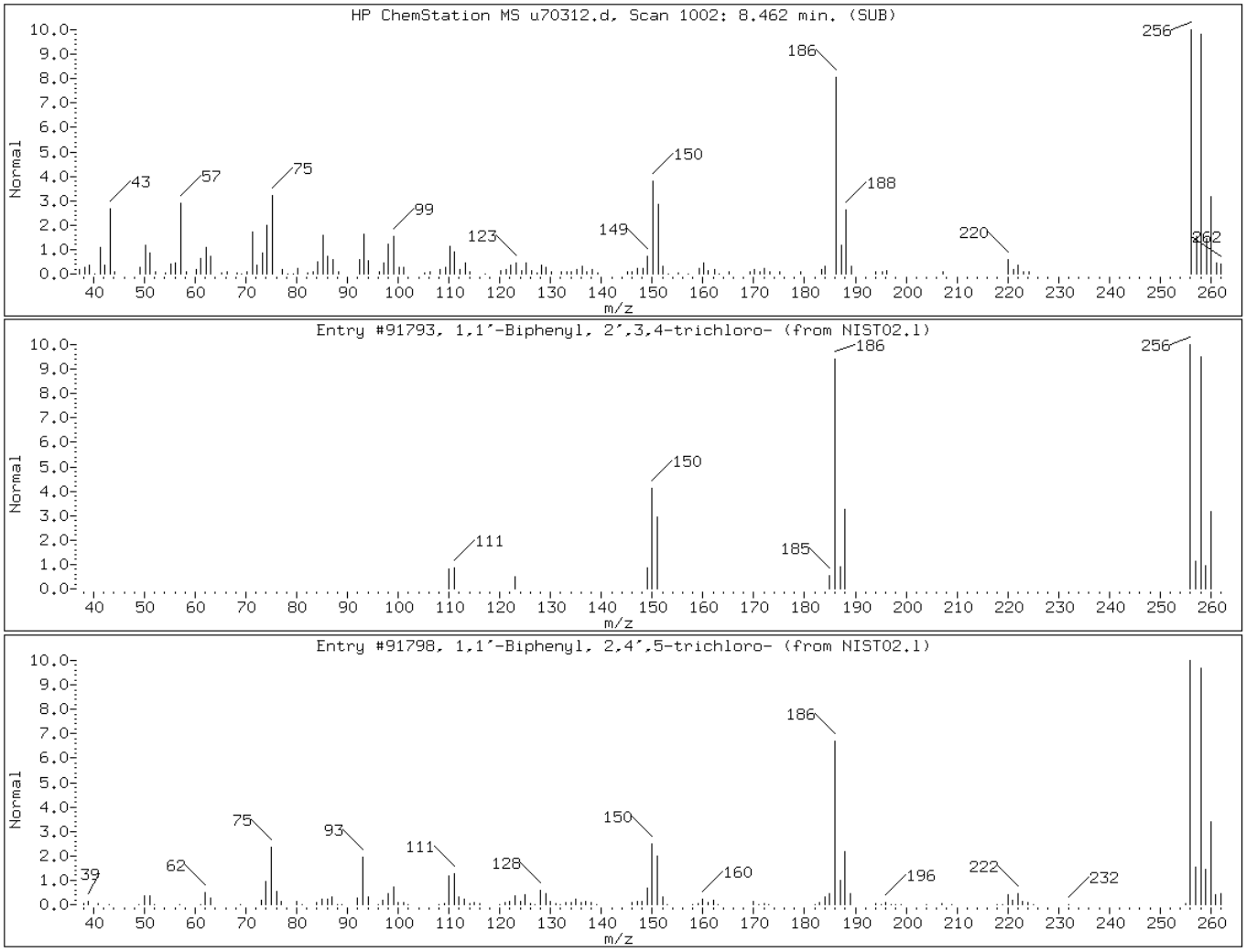
Date: 21-SEP-2011 10:58

Client ID: PMP-8-VS-S (0.5-1.0 Instrument: BNAMS4.i

Sample Info: 460-30837-F-24-C Operator: BNAMS 4

Retention Time: 8.46

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-2						
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.l	91793	98	C12H7Cl3	256
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91798	98	C12H7Cl3	256



Data File: u70312.d

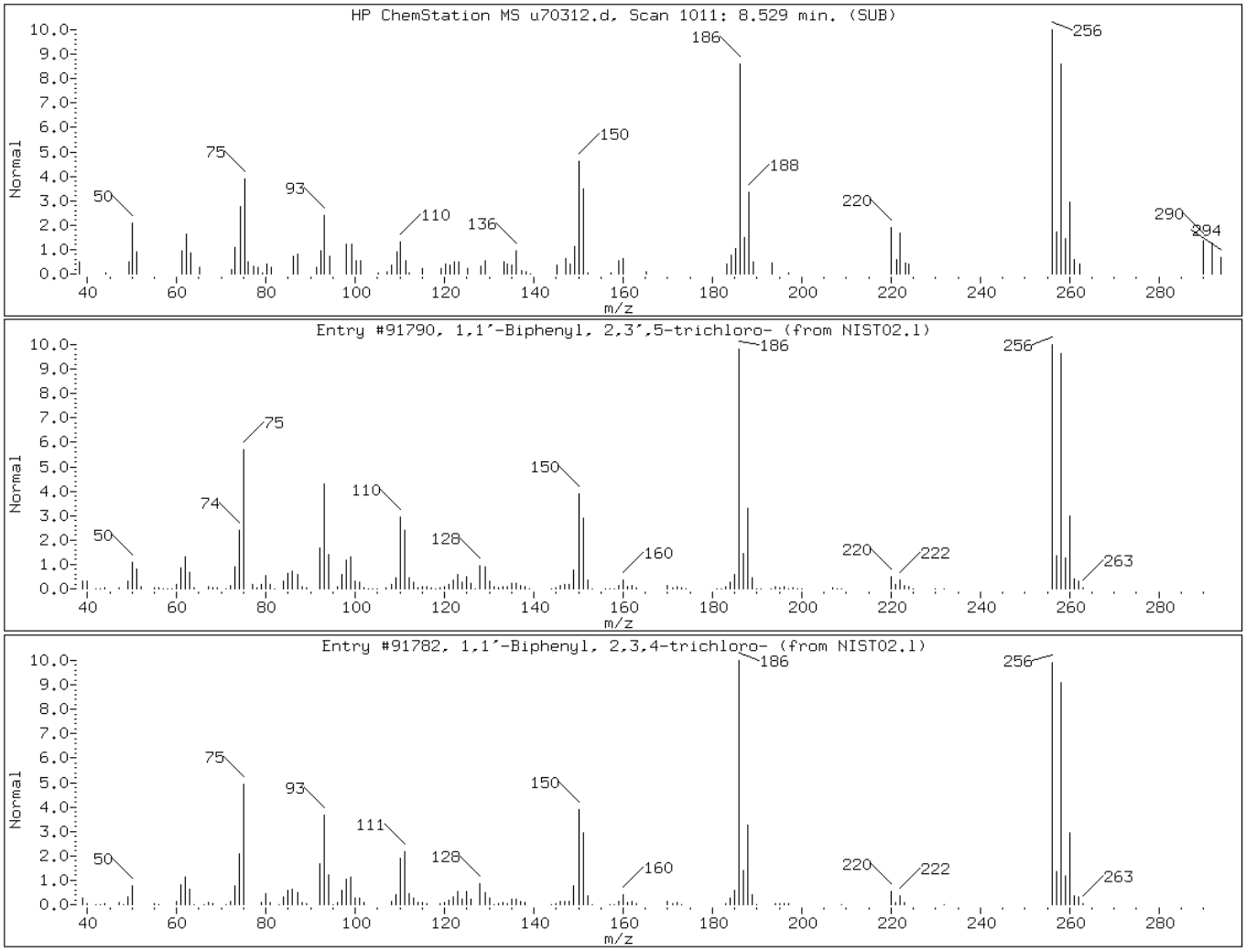
Date: 21-SEP-2011 10:58

Client ID: PMP-8-VS-S (0.5-1.0 Instrument: BNAMS4.i

Sample Info: 460-30837-F-24-C Operator: BNAMS 4

Retention Time: 8.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-3						
1,1'-Biphenyl, 2,3',5-trichloro-	38444-81-4	NIST02.l	91790	94	C12H7Cl3	256
1,1'-Biphenyl, 2,3,4-trichloro-	55702-46-0	NIST02.l	91782	94	C12H7Cl3	256



Data File: u70312.d

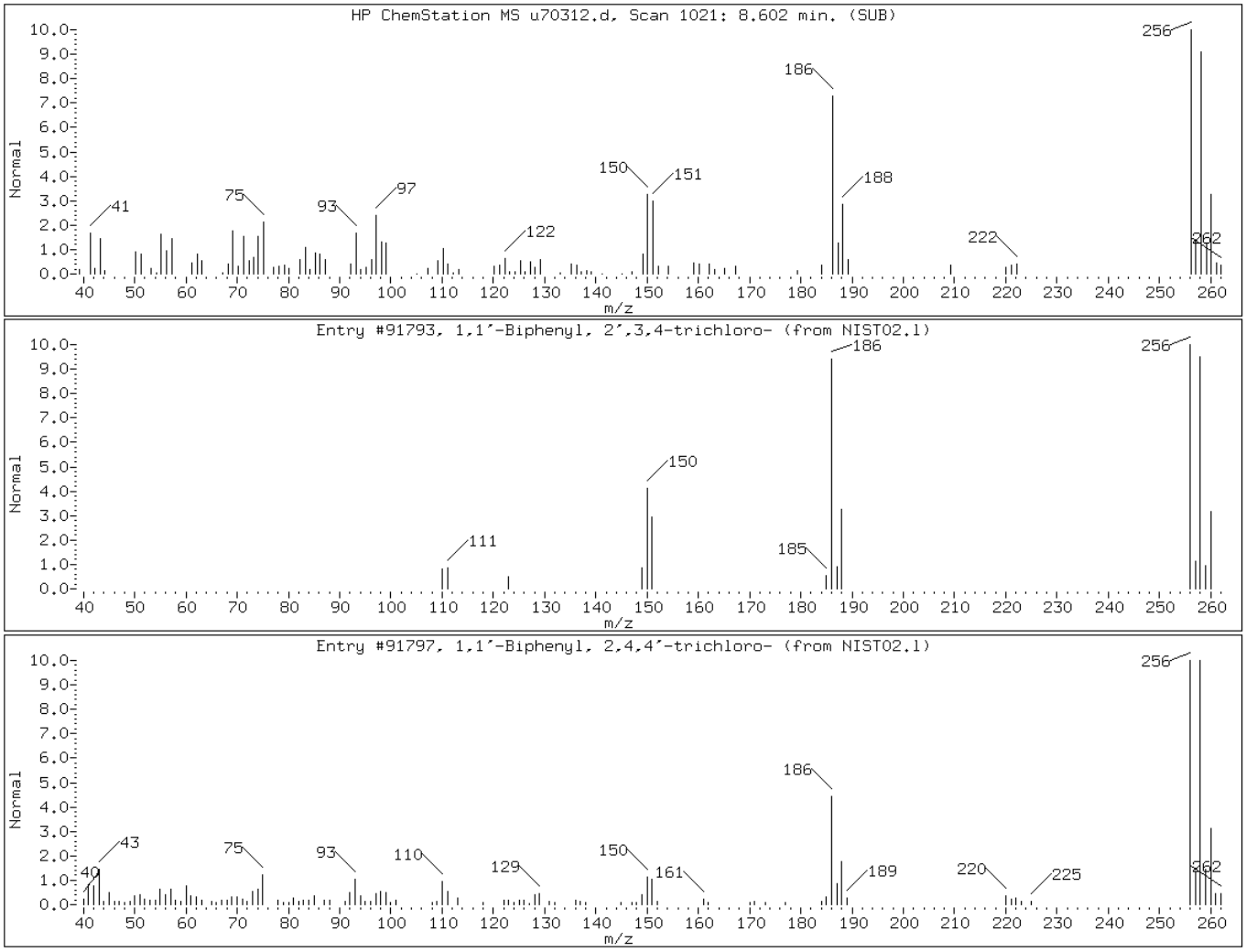
Date: 21-SEP-2011 10:58

Client ID: PMP-8-VS-S (0.5-1.0 Instrument: BNAMS4.i

Sample Info: 460-30837-F-24-C Operator: BNAMS 4

Retention Time: 8.60

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-4						
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.l	91793	95	C12H7Cl3	256
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.l	91797	94	C12H7Cl3	256



Data File: u70312.d

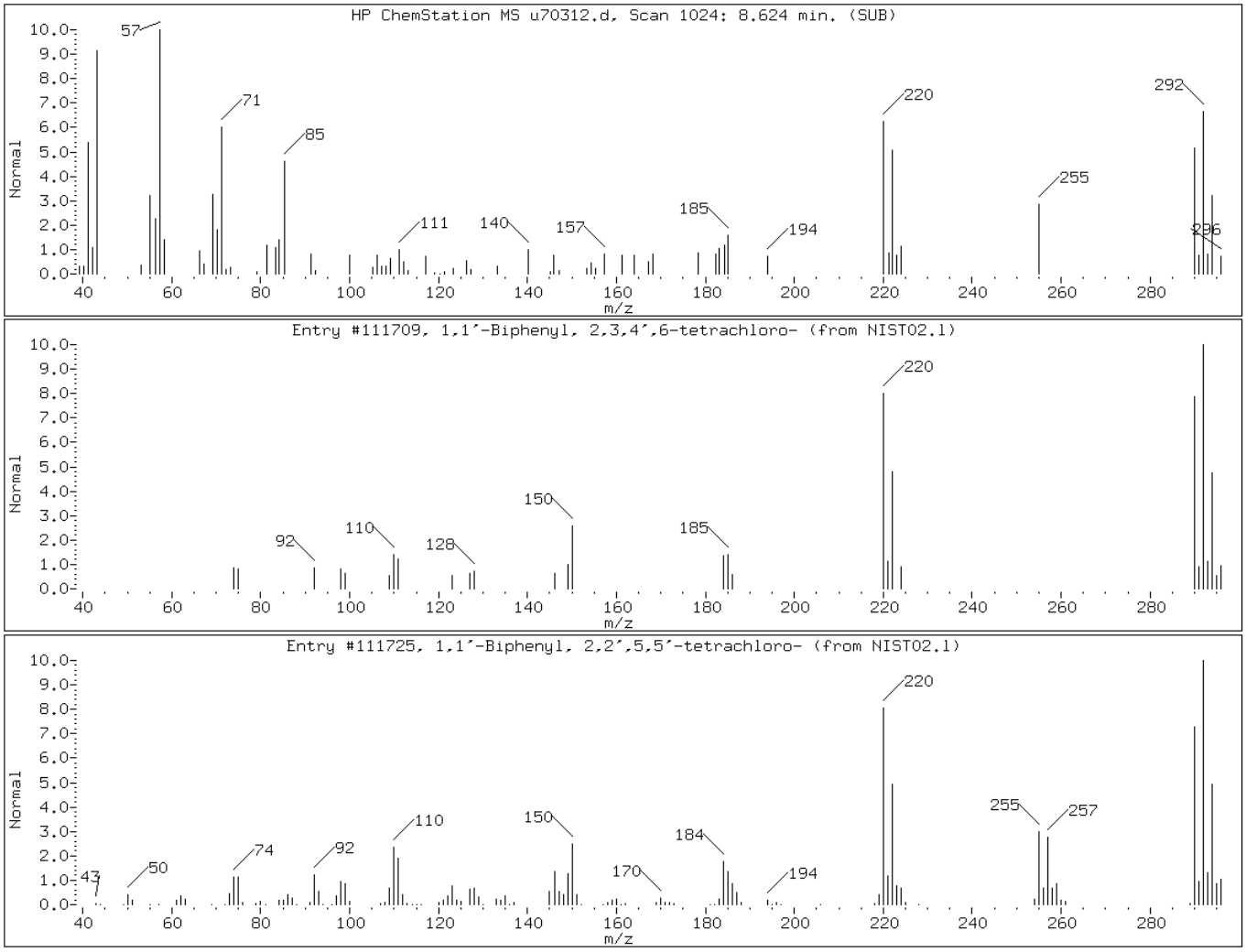
Date: 21-SEP-2011 10:58

Client ID: PMP-8-VS-S (0.5-1.0 Instrument: BNAMS4.i

Sample Info: 460-30837-F-24-C 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, 2,3,4',6-tetrachlor	52663-58-8	NIST02.l	111709	95	C12H6Cl4	290
1,1'-Biphenyl, 2,2',5,5'-tetrachlo	35693-99-3	NIST02.l	111725	95	C12H6Cl4	290



Data File: u70312.d

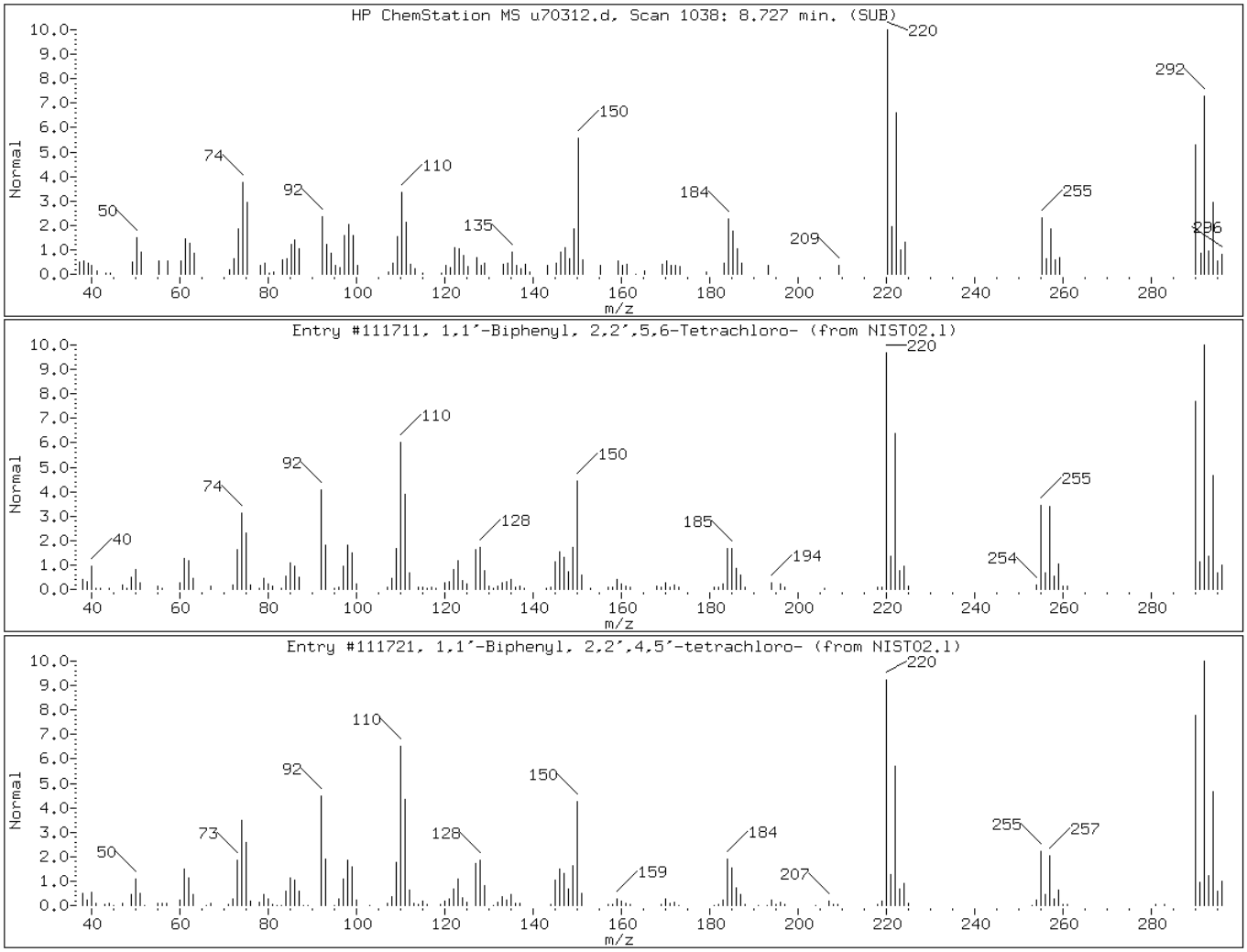
Date: 21-SEP-2011 10:58

Client ID: PMP-8-VS-S (0.5-1.0 Instrument: BNAMS4.i

Sample Info: 460-30837-F-24-C Operator: BNAMS 4

Retention Time: 8.73

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',4,5'-tetrachlo	41464-40-8	NIST02.l	111721	98	C12H6Cl4	290



Data File: u70312.d

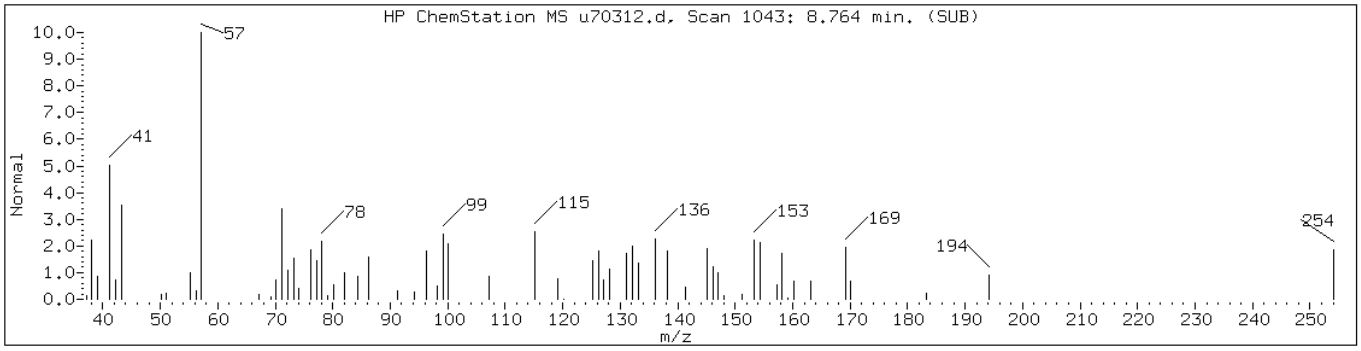
Date: 21-SEP-2011 10:58

Client ID: PMP-8-VS-S (0.5-1.0 Instrument: BNAMS4.i

Sample Info: 460-30837-F-24-C Operator: BNAMS 4

Retention Time: 8.76

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown						



Data File: u70312.d

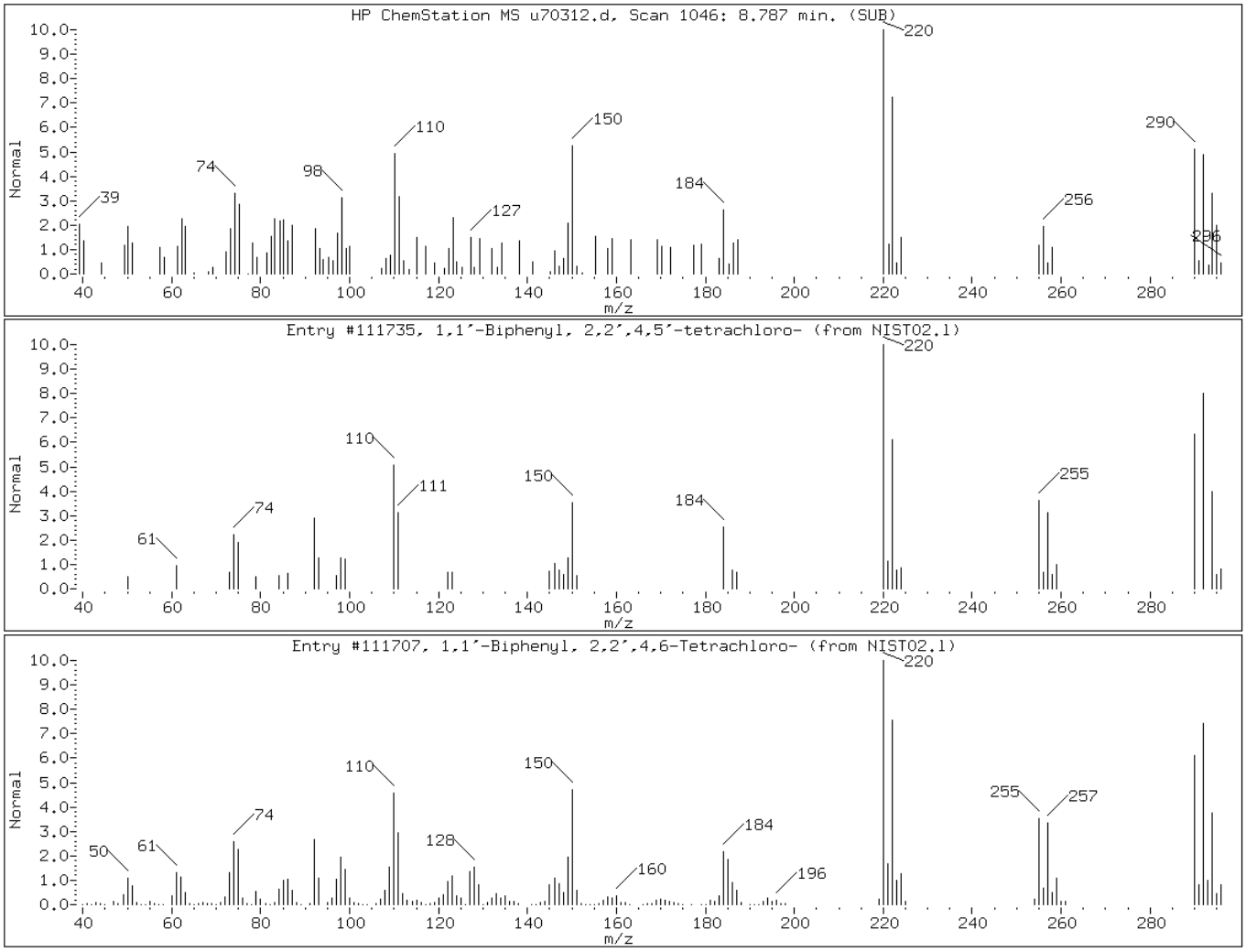
Date: 21-SEP-2011 10:58

Client ID: PMP-8-VS-S (0.5-1.0 Instrument: BNAMS4.i

Sample Info: 460-30837-F-24-C Operator: BNAMS 4

Retention Time: 8.79

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-3						
1,1'-Biphenyl, 2,2',4,5'-tetrachlo	41464-40-8	NIST02.l	111735	92	C12H6Cl4	290
1,1'-Biphenyl, 2,2',4,6-Tetrachlor	62796-65-0	NIST02.l	111707	91	C12H6Cl4	290



Data File: u70312.d

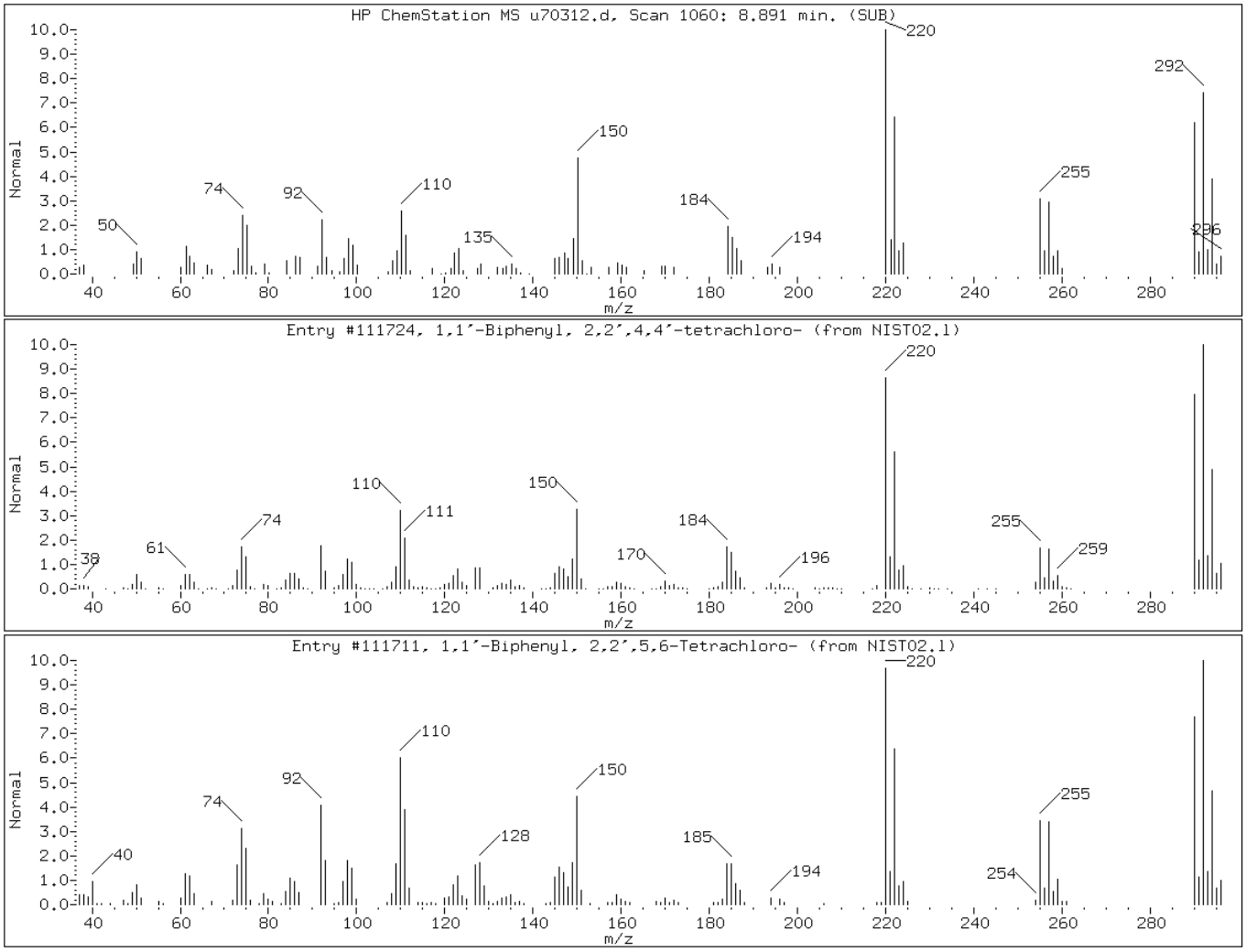
Date: 21-SEP-2011 10:58

Client ID: PMP-8-VS-S (0.5-1.0 Instrument: BNAMS4.i

Sample Info: 460-30837-F-24-C Operator: BNAMS 4

Retention Time: 8.89

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-4						
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	111711	99	C12H6Cl4	290



Data File: u70312.d

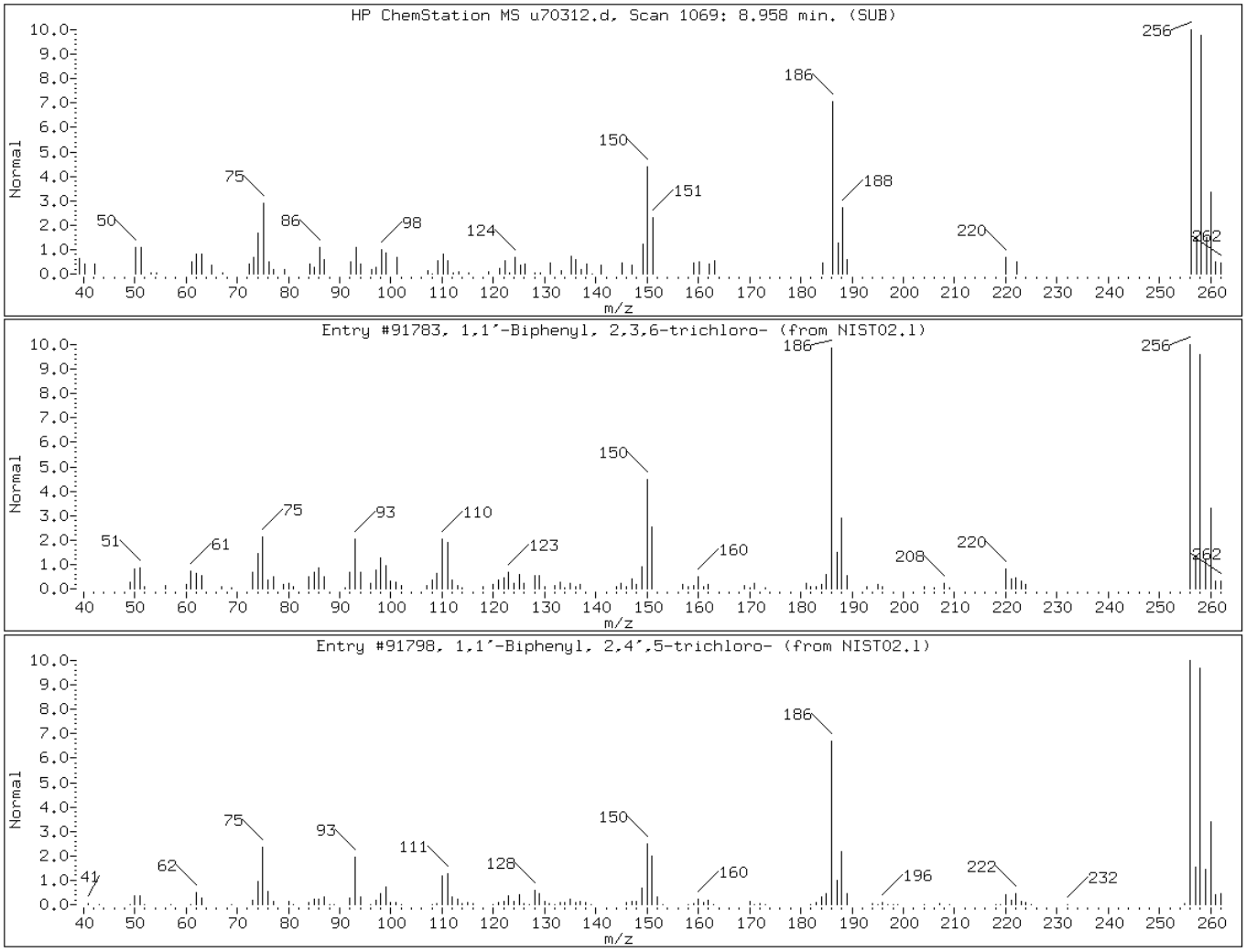
Date: 21-SEP-2011 10:58

Client ID: PMP-8-VS-S (0.5-1.0 Instrument: BNAMS4.i

Sample Info: 460-30837-F-24-C Operator: BNAMS 4

Retention Time: 8.96

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	95	C12H7Cl3	256
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91798	95	C12H7Cl3	256



Data File: u70312.d

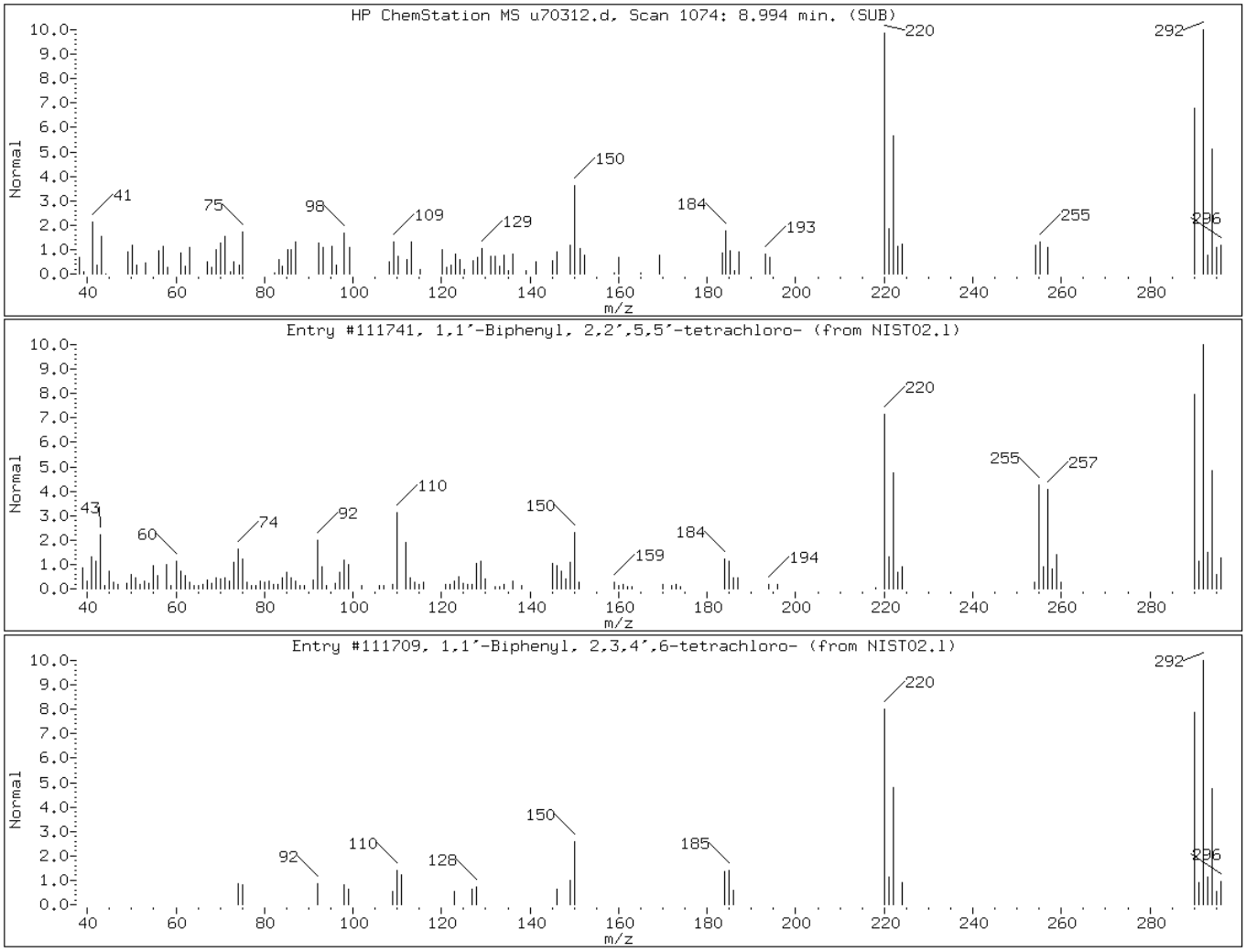
Date: 21-SEP-2011 10:58

Client ID: PMP-8-VS-S (0.5-1.0 Instrument: BNAMS4.i

Sample Info: 460-30837-F-24-C Operator: BNAMS 4

Retention Time: 8.99

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	94	C12H6Cl4	290
1,1'-Biphenyl, 2,3,4',6-tetrachlor	52663-58-8	NIST02.l	111709	94	C12H6Cl4	290



Data File: u70312.d

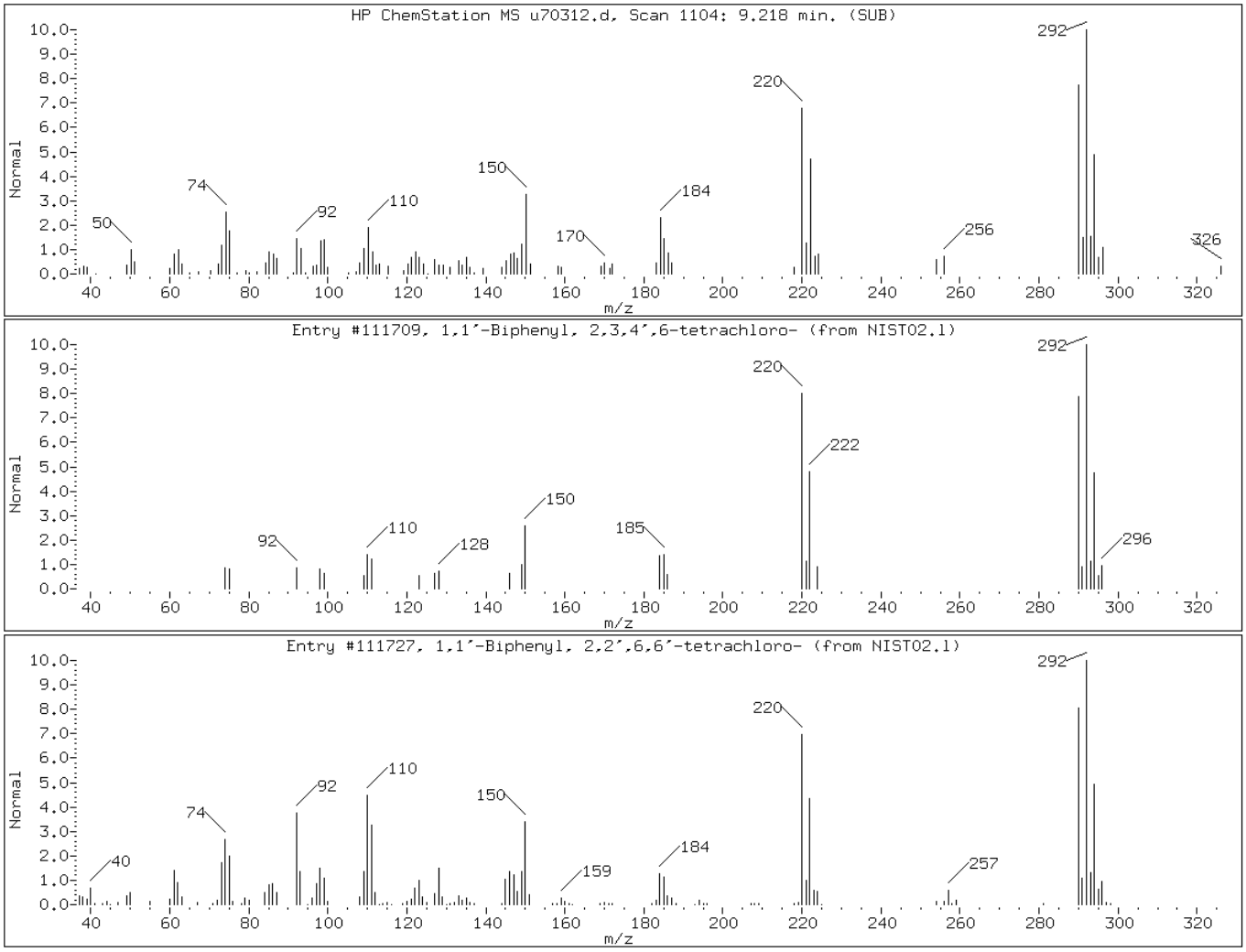
Date: 21-SEP-2011 10:58

Client ID: PMP-8-VS-S (0.5-1.0 Instrument: BNAMS4.i

Sample Info: 460-30837-F-24-C Operator: BNAMS 4

Retention Time: 9.22

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	96	C12H6Cl4	290
1,1'-Biphenyl, 2,2',6,6'-tetrachlo	15968-05-5	NIST02.l	111727	96	C12H6Cl4	290



Data File: u70312.d

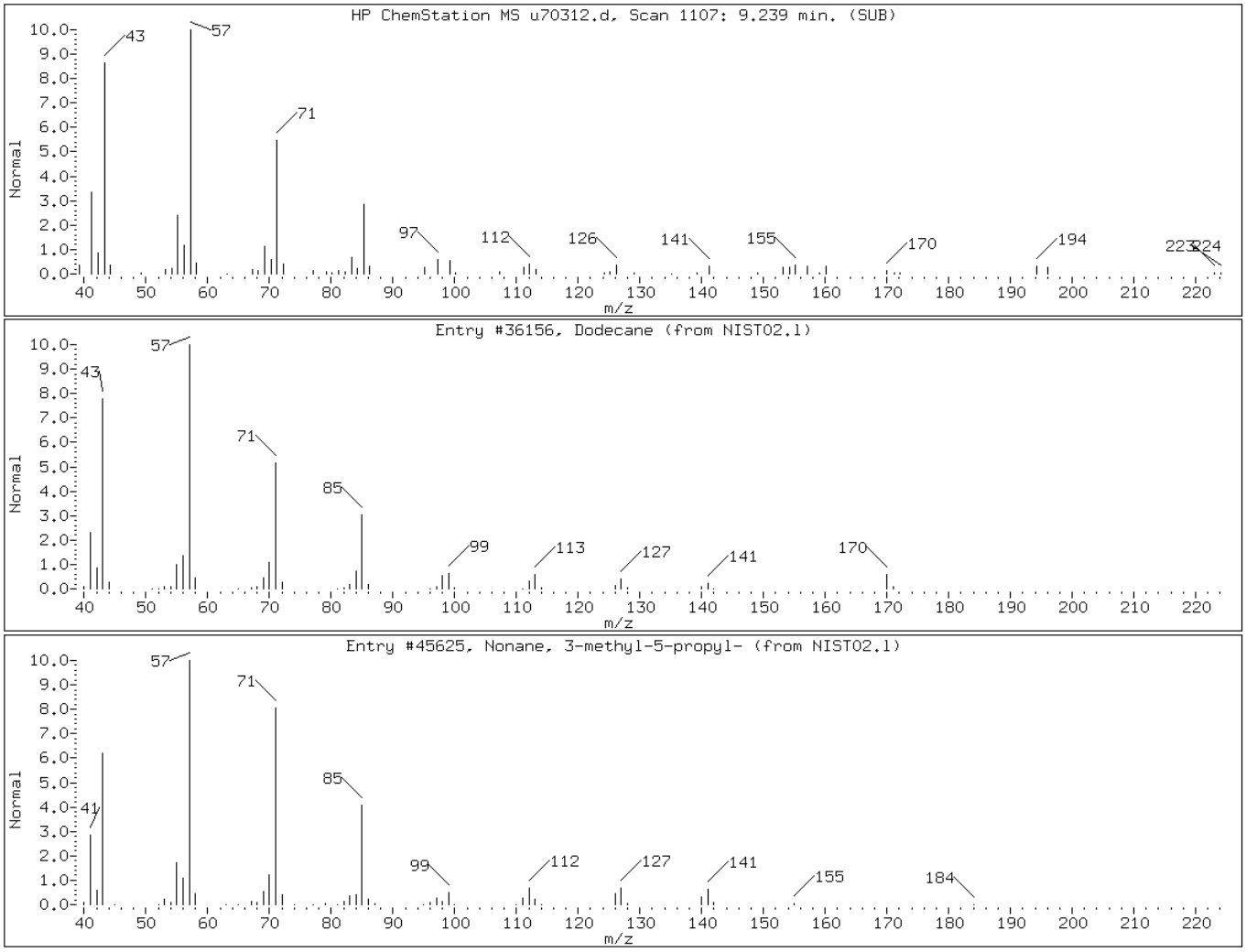
Date: 21-SEP-2011 10:58

Client ID: PMP-8-VS-S (0.5-1.0 Instrument: BNAMS4.i

Sample Info: 460-30837-F-24-C Operator: BNAMS 4

Retention Time: 9.24

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-8						
Dodecane	112-40-3	NIST02.l	36156	72	C12H26	170
Nonane, 3-methyl-5-propyl-	31081-18-2	NIST02.l	45625	64	C13H28	184



Data File: u70312.d

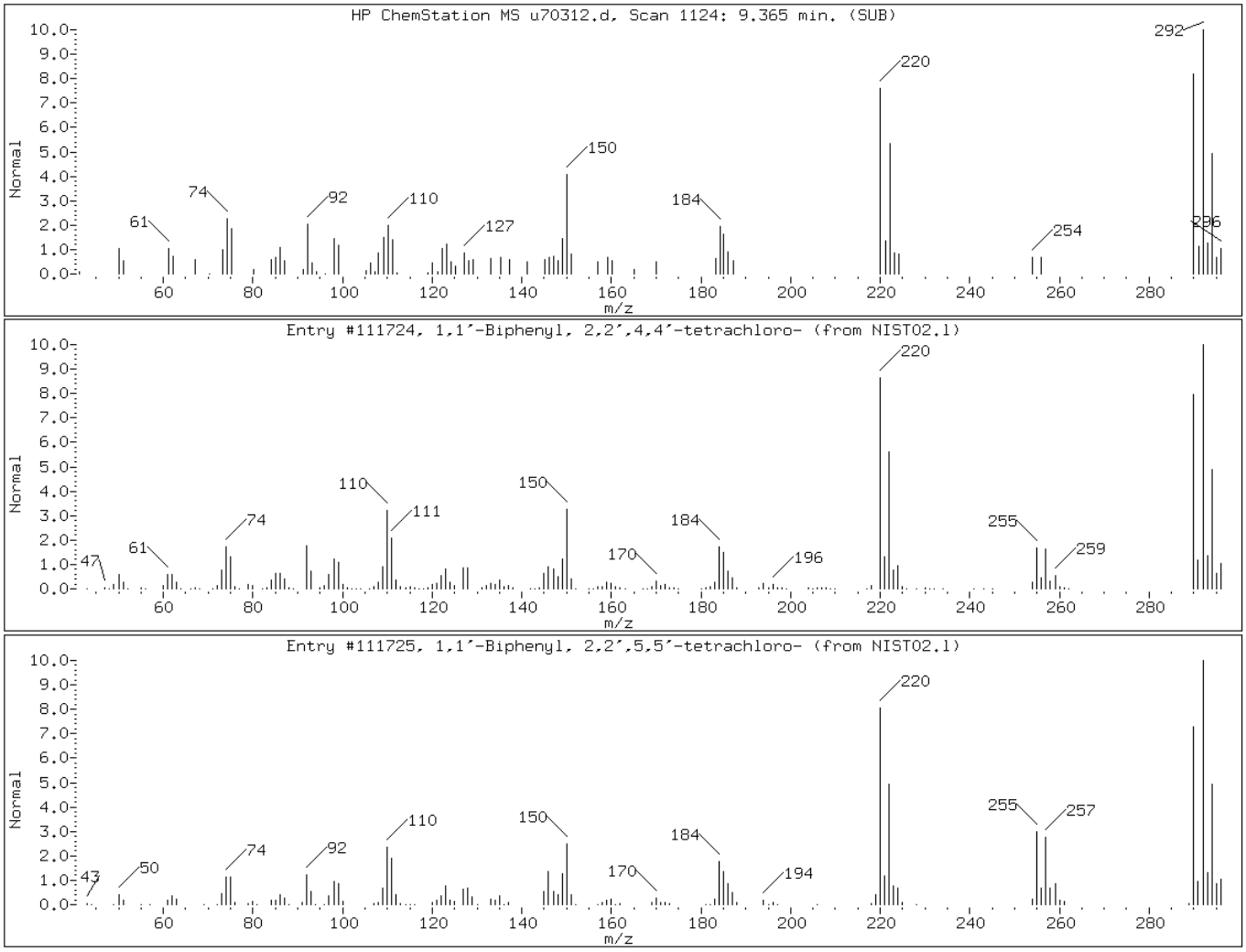
Date: 21-SEP-2011 10:58

Client ID: PMP-8-VS-S (0.5-1.0 Instrument: BNAMS4.i

Sample Info: 460-30837-F-24-C Operator: BNAMS 4

Retention Time: 9.37

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	111724	99	C12H6Cl4	290
1,1'-Biphenyl, 2,2',5,5'-tetrachlo	35693-99-3	NIST02.l	111725	99	C12H6Cl4	290



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-8-VD-S (2.5-3.0) | Lab Sample ID: 460-30837-25

Matrix: Solid | Lab File ID: x17943.d

Analysis Method: 8270C | Date Collected: 09/09/2011 10:20

Extract. Method: 3541 | Date Extracted: 09/19/2011 12:00

Sample wt/vol: 15.04(g) | Date Analyzed: 09/21/2011 13:13

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86811 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	340	U	340	42
95-57-8	2-Chlorophenol	340	U	340	46
95-48-7	2-Methylphenol	340	U	340	49
106-44-5	4-Methylphenol	340	U	340	56
100-52-7	Benzaldehyde	340	U	340	21
98-86-2	Acetophenone	340	U	340	51
111-44-4	Bis(2-chloroethyl)ether	34	U	34	7.1
108-60-1	2,2'-oxybis[1-chloropropane]	340	U	340	45
621-64-7	N-Nitrosodi-n-propylamine	34	U	34	4.5
98-95-3	Nitrobenzene	34	U	34	7.7
67-72-1	Hexachloroethane	34	U	34	5.8
78-59-1	Isophorone	340	U	340	39
88-75-5	2-Nitrophenol	340	U	340	56
105-67-9	2,4-Dimethylphenol	340	U	340	55
120-83-2	2,4-Dichlorophenol	340	U	340	55
111-91-1	Bis(2-chloroethoxy)methane	340	U	340	49
91-20-3	Naphthalene	340	U	340	50
106-47-8	4-Chloroaniline	340	U	340	43
87-68-3	Hexachlorobutadiene	69	U	69	14
105-60-2	Caprolactam	340	U	340	47
59-50-7	4-Chloro-3-methylphenol	340	U	340	57
91-57-6	2-Methylnaphthalene	340	U	340	50
118-74-1	Hexachlorobenzene	34	U	34	4.8
77-47-4	Hexachlorocyclopentadiene	340	U	340	100
88-06-2	2,4,6-Trichlorophenol	340	U	340	61
95-95-4	2,4,5-Trichlorophenol	340	U	340	66
92-52-4	Diphenyl	340	U	340	56
91-58-7	2-Chloronaphthalene	340	U	340	48
88-74-4	2-Nitroaniline	690	U	690	94
606-20-2	2,6-Dinitrotoluene	69	U	69	8.7
131-11-3	Dimethyl phthalate	340	U	340	46
208-96-8	Acenaphthylene	340	U	340	49
99-09-2	3-Nitroaniline	690	U	690	77
83-32-9	Acenaphthene	340	U	340	49

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-8-VD-S (2.5-3.0) | Lab Sample ID: 460-30837-25

Matrix: Solid | Lab File ID: x17943.d

Analysis Method: 8270C | Date Collected: 09/09/2011 10:20

Extract. Method: 3541 | Date Extracted: 09/19/2011 12:00

Sample wt/vol: 15.04(g) | Date Analyzed: 09/21/2011 13:13

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86811 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1000	U	1000	88
51-28-5	2,4-Dinitrophenol	1000	U	1000	73
132-64-9	Dibenzofuran	340	U	340	51
84-66-2	Diethyl phthalate	340	U	340	46
86-73-7	Fluorene	340	U	340	58
206-44-0	Fluoranthene	340	U	340	57
84-74-2	Di-n-butyl phthalate	340	U	340	52
121-14-2	2,4-Dinitrotoluene	69	U	69	10
7005-72-3	4-Chlorophenyl phenyl ether	340	U	340	59
100-01-6	4-Nitroaniline	690	U	690	71
534-52-1	4,6-Dinitro-2-methylphenol	1000	U	1000	160
101-55-3	4-Bromophenyl phenyl ether	340	U	340	61
1912-24-9	Atrazine	340	U	340	64
120-12-7	Anthracene	340	U	340	60
86-74-8	Carbazole	340	U	340	54
85-01-8	Phenanthrene	340	U	340	60
87-86-5	Pentachlorophenol	1000	U	1000	170
129-00-0	Pyrene	340	U	340	59
218-01-9	Chrysene	340	U	340	50
207-08-9	Benzo[k]fluoranthene	34	U	34	4.8
191-24-2	Benzo[g,h,i]perylene	340	U	340	36
205-99-2	Benzo[b]fluoranthene	34	U	34	5.1
50-32-8	Benzo[a]pyrene	34	U	34	4.2
56-55-3	Benzo[a]anthracene	34	U	34	6.3
86-30-6	N-Nitrosodiphenylamine	340	U	340	56
85-68-7	Butyl benzyl phthalate	340	U	340	40
117-81-7	Bis(2-ethylhexyl) phthalate	340	U	340	45
117-84-0	Di-n-octyl phthalate	340	U	340	41
193-39-5	Indeno[1,2,3-cd]pyrene	34	U	34	5.5
53-70-3	Dibenz(a,h)anthracene	34	U	34	4.1
91-94-1	3,3'-Dichlorobenzidine	690	U	690	76
95-94-3	1,2,4,5-Tetrachlorobenzene	340	U *	340	46
58-90-2	2,3,4,6-Tetrachlorophenol	340	U	340	69

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-8-VD-S (2.5-3.0) Lab Sample ID: 460-30837-25

Matrix: Solid Lab File ID: x17943.d

Analysis Method: 8270C Date Collected: 09/09/2011 10:20

Extract. Method: 3541 Date Extracted: 09/19/2011 12:00

Sample wt/vol: 15.04(g) Date Analyzed: 09/21/2011 13:13

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 3.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86811 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	52		38-105
4165-62-2	Phenol-d5	73		41-118
1718-51-0	Terphenyl-d14	71		16-151
118-79-6	2,4,6-Tribromophenol	70		10-120
367-12-4	2-Fluorophenol	55		37-125
321-60-8	2-Fluorobiphenyl	55		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-8-VD-S (2.5-3.0) Lab Sample ID: 460-30837-25

Matrix: Solid Lab File ID: x17943.d

Analysis Method: 8270C Date Collected: 09/09/2011 10:20

Extract. Method: 3541 Date Extracted: 09/19/2011 12:00

Sample wt/vol: 15.04(g) Date Analyzed: 09/21/2011 13:13

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 3.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86811 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/BNAMS5.i/8270/09-12-11/21sep11.b/x17943.d
Report Date: 21-Sep-2011 13:27

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/09-12-11/21sep11.b/x17943.d
Lab Smp Id: 460-30837-F-25-C Client Smp ID: PMP-8-VD-S (2.5-3.0
Inj Date : 21-SEP-2011 13:13
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-30837-F-25-C
Misc Info : 460-30837-F-25-C
Comment   :
Method   : /chem/BNAMS5.i/8270/09-12-11/21sep11.b/8270C_08SP.m
Meth Date : 21-Sep-2011 04:34 asfawa Quant Type: ISTD
Cal Date : 12-SEP-2011 14:45 Cal File: x17717.d
Als bottle: 22
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-soil.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	3.70370	% 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	2.663	2.628	(0.686)	1644476	55.2255	3800
$ 17 Phenol-d5 (SUR)	99	3.546	3.557	(0.914)	2194000	73.0621	5000
* 79 1,4-Dichlorobenzene-d4	152	3.881	3.887	(1.000)	864013	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.440	4.457	(0.860)	910772	26.1471	1800
* 80 Naphthalene-d8	136	5.163	5.175	(1.000)	3385671	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.257	6.263	(0.905)	1810872	27.5805	1900
* 82 Acenaphthene-d10	164	6.916	6.916	(1.000)	1819693	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.692	7.698	(1.112)	676398	70.2855	4800
* 83 Phenanthrene-d10	188	8.363	8.369	(1.000)	2625493	40.0000	
$ 78 Terphenyl-d14	244	9.933	9.933	(0.902)	1829805	35.5521	2400
* 81 Chrysene-d12	240	11.016	11.027	(1.000)	1715460	40.0000	
* 84 Perylene-d12	264	12.804	12.810	(1.000)	1012439	40.0000	

Data File: /chem/BNAMS5.i/8270/09-12-11/21sep11.b/x17943.d
Report Date: 21-Sep-2011 13:27

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/09-12-11/21sep11.b/x17943.d
Lab Smp Id: 460-30837-F-25-C Client Smp ID: PMP-8-VD-S (2.5-3.0
Inj Date : 21-SEP-2011 13:13
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-30837-F-25-C
Misc Info : 460-30837-F-25-C
Comment   :
Method   : /chem/BNAMS5.i/8270/09-12-11/21sep11.b/8270C_08SP.m
Meth Date : 21-Sep-2011 04:34 asfawa Quant Type: ISTD
Cal Date : 12-SEP-2011 14:45 Cal File: x17717.d
Als bottle: 22
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-soil.sub
Target Version: 3.50
Processing Host: hpd1

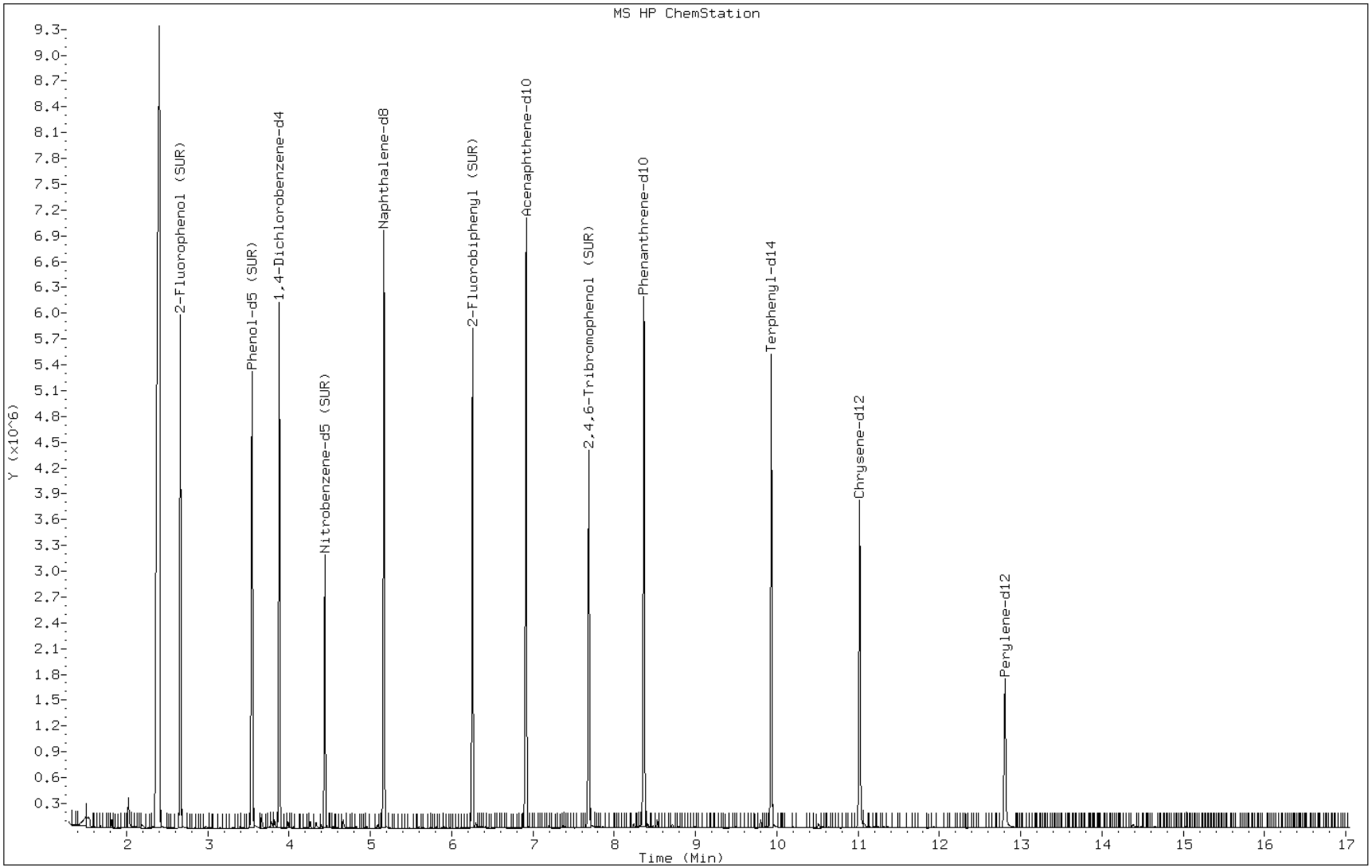
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: x17943.d

Date: 21-SEP-2011 13:13

Client ID: PMP-8-VD-S (2.5-3.0 Instrument: BNAMS5.i

Sample Info: 460-30837-F-25-C Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-8-WT-S (7.0-7.5) | Lab Sample ID: 460-30837-26

Matrix: Solid | Lab File ID: u70291.d

Analysis Method: 8270C | Date Collected: 09/09/2011 10:25

Extract. Method: 3541 | Date Extracted: 09/19/2011 12:00

Sample wt/vol: 15.03(g) | Date Analyzed: 09/21/2011 04:13

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86807 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	380	U	380	46
95-57-8	2-Chlorophenol	380	U	380	50
95-48-7	2-Methylphenol	380	U	380	54
106-44-5	4-Methylphenol	380	U	380	62
100-52-7	Benzaldehyde	380	U	380	24
98-86-2	Acetophenone	380	U	380	56
111-44-4	Bis(2-chloroethyl)ether	38	U	38	7.8
108-60-1	2,2'-oxybis[1-chloropropane]	380	U	380	49
621-64-7	N-Nitrosodi-n-propylamine	38	U	38	5.0
98-95-3	Nitrobenzene	38	U	38	8.4
67-72-1	Hexachloroethane	38	U	38	6.4
78-59-1	Isophorone	380	U	380	43
88-75-5	2-Nitrophenol	380	U	380	62
105-67-9	2,4-Dimethylphenol	380	U	380	60
120-83-2	2,4-Dichlorophenol	380	U	380	60
111-91-1	Bis(2-chloroethoxy)methane	380	U	380	54
91-20-3	Naphthalene	380	U	380	55
106-47-8	4-Chloroaniline	380	U	380	47
87-68-3	Hexachlorobutadiene	76	U	76	15
105-60-2	Caprolactam	380	U	380	52
59-50-7	4-Chloro-3-methylphenol	380	U	380	63
91-57-6	2-Methylnaphthalene	380	U	380	55
118-74-1	Hexachlorobenzene	38	U	38	5.2
77-47-4	Hexachlorocyclopentadiene	380	U	380	110
88-06-2	2,4,6-Trichlorophenol	380	U	380	67
95-95-4	2,4,5-Trichlorophenol	380	U	380	73
92-52-4	Diphenyl	380	U	380	62
91-58-7	2-Chloronaphthalene	380	U	380	53
88-74-4	2-Nitroaniline	760	U	760	100
606-20-2	2,6-Dinitrotoluene	76	U	76	9.6
131-11-3	Dimethyl phthalate	380	U	380	51
208-96-8	Acenaphthylene	380	U	380	54
99-09-2	3-Nitroaniline	760	U	760	85
83-32-9	Acenaphthene	380	U	380	54

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-8-WT-S (7.0-7.5) | Lab Sample ID: 460-30837-26

Matrix: Solid | Lab File ID: u70291.d

Analysis Method: 8270C | Date Collected: 09/09/2011 10:25

Extract. Method: 3541 | Date Extracted: 09/19/2011 12:00

Sample wt/vol: 15.03(g) | Date Analyzed: 09/21/2011 04:13

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86807 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1100	U	1100	97
51-28-5	2,4-Dinitrophenol	1100	U	1100	80
132-64-9	Dibenzofuran	380	U	380	57
84-66-2	Diethyl phthalate	380	U	380	51
86-73-7	Fluorene	380	U	380	64
206-44-0	Fluoranthene	380	U	380	63
84-74-2	Di-n-butyl phthalate	380	U	380	58
121-14-2	2,4-Dinitrotoluene	76	U	76	11
7005-72-3	4-Chlorophenyl phenyl ether	380	U	380	65
100-01-6	4-Nitroaniline	760	U	760	78
534-52-1	4,6-Dinitro-2-methylphenol	1100	U	1100	180
101-55-3	4-Bromophenyl phenyl ether	380	U	380	67
1912-24-9	Atrazine	380	U	380	70
120-12-7	Anthracene	380	U	380	66
86-74-8	Carbazole	380	U	380	60
85-01-8	Phenanthrene	380	U	380	66
87-86-5	Pentachlorophenol	1100	U	1100	180
129-00-0	Pyrene	380	U	380	65
218-01-9	Chrysene	380	U	380	55
207-08-9	Benzo[k]fluoranthene	38	U	38	5.3
191-24-2	Benzo[g,h,i]perylene	380	U	380	40
205-99-2	Benzo[b]fluoranthene	38	U	38	5.6
50-32-8	Benzo[a]pyrene	38	U	38	4.6
56-55-3	Benzo[a]anthracene	38	U	38	7.0
86-30-6	N-Nitrosodiphenylamine	380	U	380	61
85-68-7	Butyl benzyl phthalate	380	U	380	44
117-81-7	Bis(2-ethylhexyl) phthalate	380	U	380	50
117-84-0	Di-n-octyl phthalate	380	U	380	45
193-39-5	Indeno[1,2,3-cd]pyrene	38	U	38	6.0
53-70-3	Dibenz(a,h)anthracene	38	U	38	4.5
91-94-1	3,3'-Dichlorobenzidine	760	U	760	83
95-94-3	1,2,4,5-Tetrachlorobenzene	380	U *	380	51
58-90-2	2,3,4,6-Tetrachlorophenol	380	U	380	75

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-8-WT-S (7.0-7.5) Lab Sample ID: 460-30837-26

Matrix: Solid Lab File ID: u70291.d

Analysis Method: 8270C Date Collected: 09/09/2011 10:25

Extract. Method: 3541 Date Extracted: 09/19/2011 12:00

Sample wt/vol: 15.03(g) Date Analyzed: 09/21/2011 04:13

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 12.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86807 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	41		38-105
4165-62-2	Phenol-d5	55		41-118
1718-51-0	Terphenyl-d14	70		16-151
118-79-6	2,4,6-Tribromophenol	63		10-120
367-12-4	2-Fluorophenol	45		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.: 460-30837-1

SDG No.:

Client Sample ID: PMP-8-WT-S (7.0-7.5) Lab Sample ID: 460-30837-26

Matrix: Solid Lab File ID: u70291.d

Analysis Method: 8270C Date Collected: 09/09/2011 10:25

Extract. Method: 3541 Date Extracted: 09/19/2011 12:00

Sample wt/vol: 15.03(g) Date Analyzed: 09/21/2011 04:13

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 12.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86807 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/09-20-11/20sep11a.b/u70291.d
Report Date: 21-Sep-2011 09:39

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/u70291.d
Lab Smp Id: 460-30837-F-26-C Client Smp ID: PMP-8-WT-S (7.0-7.5
Inj Date : 21-SEP-2011 04:13
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-30837-F-26-C
Misc Info : 460-30837-F-26-C
Comment   :
Method   : /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/8270C_08SP.m
Meth Date : 21-Sep-2011 00:28 asfawa Quant Type: ISTD
Cal Date : 20-SEP-2011 14:32 Cal File: u70276.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	15.03000	Weight of sample extracted (g)
M	12.34783	% 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	2.409	2.382	(0.666)	386072	44.8516	3400
$ 17 Phenol-d5 (SUR)	99	3.298	3.312	(0.912)	701490	54.6276	4100
* 79 1,4-Dichlorobenzene-d4	152	3.614	3.622	(1.000)	239163	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.192	4.211	(0.854)	263244	20.4119	1500
* 80 Naphthalene-d8	136	4.909	4.921	(1.000)	852047	40.0000	
34 2-Methylnaphthalene	142	5.645	5.641	(1.150)	1908	0.12289	9.3(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.006	6.019	(0.902)	387568	22.6581	1700
* 82 Acenaphthene-d10	164	6.659	6.671	(1.000)	564666	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.443	7.450	(1.118)	201147	63.2418	4800
* 83 Phenanthrene-d10	188	8.113	8.114	(1.000)	874970	40.0000	
$ 78 Terphenyl-d14	244	9.676	9.680	(0.902)	733405	34.8627	2600
* 81 Chrysene-d12	240	10.726	10.734	(1.000)	639545	40.0000	
* 84 Perylene-d12	264	12.442	12.445	(1.000)	369526	40.0000	

Data File: /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/u70291.d
Report Date: 21-Sep-2011 09:39

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/u70291.d
Report Date: 21-Sep-2011 09:39

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/u70291.d
Lab Smp Id: 460-30837-F-26-C Client Smp ID: PMP-8-WT-S (7.0-7.5
Inj Date : 21-SEP-2011 04:13
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-30837-F-26-C
Misc Info : 460-30837-F-26-C
Comment   :
Method   : /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/8270C_08SP.m
Meth Date : 21-Sep-2011 00:28 asfawa Quant Type: ISTD
Cal Date : 20-SEP-2011 14:32 Cal File: u70276.d
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

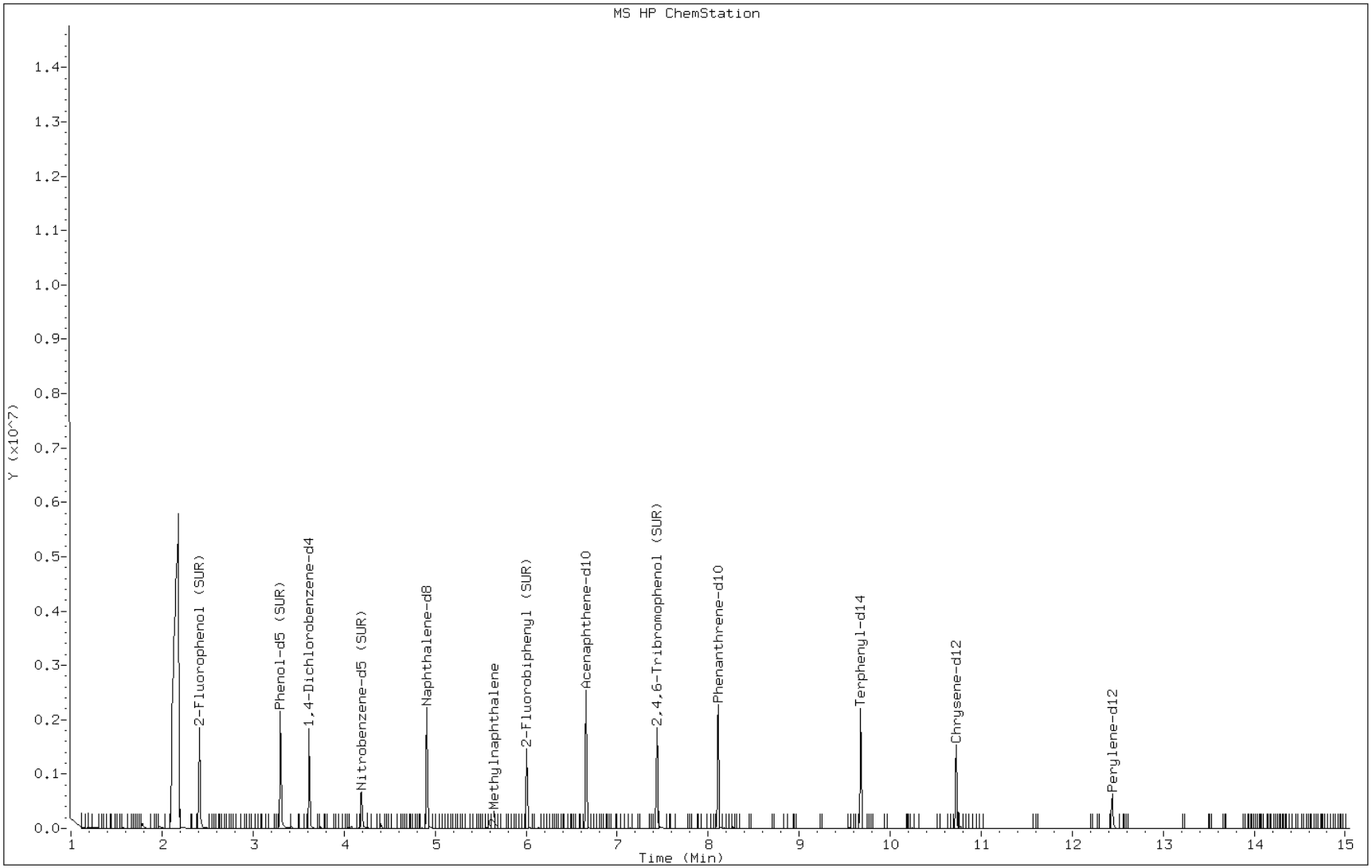
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: u70291.d

Date: 21-SEP-2011 04:13

Client ID: PMP-8-WT-S (7.0-7.5 Instrument: BNAMS4.i

Sample Info: 460-30837-F-26-C Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-4-VS-S (0.5-1.0) | Lab Sample ID: 460-30837-27

Matrix: Solid | Lab File ID: x17944.d

Analysis Method: 8270C | Date Collected: 09/09/2011 10:30

Extract. Method: 3541 | Date Extracted: 09/19/2011 12:00

Sample wt/vol: 15.04(g) | Date Analyzed: 09/21/2011 13:37

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 7.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86811 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	720	U	720	88
95-57-8	2-Chlorophenol	720	U	720	96
95-48-7	2-Methylphenol	720	U	720	100
106-44-5	4-Methylphenol	720	U	720	120
100-52-7	Benzaldehyde	720	U	720	45
98-86-2	Acetophenone	720	U	720	110
111-44-4	Bis(2-chloroethyl)ether	72	U	72	15
108-60-1	2,2'-oxybis[1-chloropropane]	720	U	720	94
621-64-7	N-Nitrosodi-n-propylamine	72	U	72	9.5
98-95-3	Nitrobenzene	72	U	72	16
67-72-1	Hexachloroethane	72	U	72	12
78-59-1	Isophorone	720	U	720	82
88-75-5	2-Nitrophenol	720	U	720	120
105-67-9	2,4-Dimethylphenol	720	U	720	110
120-83-2	2,4-Dichlorophenol	720	U	720	110
111-91-1	Bis(2-chloroethoxy)methane	720	U	720	100
91-20-3	Naphthalene	720	U	720	100
106-47-8	4-Chloroaniline	720	U	720	90
87-68-3	Hexachlorobutadiene	150	U	150	29
105-60-2	Caprolactam	720	U	720	98
59-50-7	4-Chloro-3-methylphenol	720	U	720	120
91-57-6	2-Methylnaphthalene	720	U	720	100
118-74-1	Hexachlorobenzene	72	U	72	9.9
77-47-4	Hexachlorocyclopentadiene	720	U	720	210
88-06-2	2,4,6-Trichlorophenol	720	U	720	130
95-95-4	2,4,5-Trichlorophenol	720	U	720	140
92-52-4	Diphenyl	720	U	720	120
91-58-7	2-Chloronaphthalene	720	U	720	100
88-74-4	2-Nitroaniline	1500	U	1500	200
606-20-2	2,6-Dinitrotoluene	150	U	150	18
131-11-3	Dimethyl phthalate	720	U	720	97
208-96-8	Acenaphthylene	720	U	720	100
99-09-2	3-Nitroaniline	1500	U	1500	160
83-32-9	Acenaphthene	720	U	720	100

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-4-VS-S (0.5-1.0) | Lab Sample ID: 460-30837-27

Matrix: Solid | Lab File ID: x17944.d

Analysis Method: 8270C | Date Collected: 09/09/2011 10:30

Extract. Method: 3541 | Date Extracted: 09/19/2011 12:00

Sample wt/vol: 15.04(g) | Date Analyzed: 09/21/2011 13:37

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 7.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86811 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	2200	U	2200	180
51-28-5	2,4-Dinitrophenol	2200	U	2200	150
132-64-9	Dibenzofuran	720	U	720	110
84-66-2	Diethyl phthalate	720	U	720	96
86-73-7	Fluorene	720	U	720	120
206-44-0	Fluoranthene	720	U	720	120
84-74-2	Di-n-butyl phthalate	720	U	720	110
121-14-2	2,4-Dinitrotoluene	150	U	150	21
7005-72-3	4-Chlorophenyl phenyl ether	720	U	720	120
100-01-6	4-Nitroaniline	1500	U	1500	150
534-52-1	4,6-Dinitro-2-methylphenol	2200	U	2200	340
101-55-3	4-Bromophenyl phenyl ether	720	U	720	130
1912-24-9	Atrazine	720	U	720	130
120-12-7	Anthracene	720	U	720	130
86-74-8	Carbazole	720	U	720	110
85-01-8	Phenanthrene	720	U	720	130
87-86-5	Pentachlorophenol	2200	U	2200	350
129-00-0	Pyrene	720	U	720	120
218-01-9	Chrysene	720	U	720	100
207-08-9	Benzo[k]fluoranthene	72	U	72	10
191-24-2	Benzo[g,h,i]perylene	720	U	720	76
205-99-2	Benzo[b]fluoranthene	39	J	72	11
50-32-8	Benzo[a]pyrene	17	J	72	8.8
56-55-3	Benzo[a]anthracene	72	U	72	13
86-30-6	N-Nitrosodiphenylamine	720	U	720	120
85-68-7	Butyl benzyl phthalate	720	U	720	84
117-81-7	Bis(2-ethylhexyl) phthalate	170	J	720	95
117-84-0	Di-n-octyl phthalate	720	U	720	85
193-39-5	Indeno[1,2,3-cd]pyrene	28	J	72	11
53-70-3	Dibenz(a,h)anthracene	72	U	72	8.6
91-94-1	3,3'-Dichlorobenzidine	1500	U	1500	160
95-94-3	1,2,4,5-Tetrachlorobenzene	720	U *	720	96
58-90-2	2,3,4,6-Tetrachlorophenol	720	U	720	140

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-4-VS-S (0.5-1.0) Lab Sample ID: 460-30837-27

Matrix: Solid Lab File ID: x17944.d

Analysis Method: 8270C Date Collected: 09/09/2011 10:30

Extract. Method: 3541 Date Extracted: 09/19/2011 12:00

Sample wt/vol: 15.04(g) Date Analyzed: 09/21/2011 13:37

Con. Extract Vol.: 1(mL) Dilution Factor: 2

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 7.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86811 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	38		38-105
4165-62-2	Phenol-d5	48		41-118
1718-51-0	Terphenyl-d14	88		16-151
118-79-6	2,4,6-Tribromophenol	58		10-120
367-12-4	2-Fluorophenol	42		37-125
321-60-8	2-Fluorobiphenyl	57		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-4-VS-S (0.5-1.0) | Lab Sample ID: 460-30837-27

Matrix: Solid | Lab File ID: x17944.d

Analysis Method: 8270C | Date Collected: 09/09/2011 10:30

Extract. Method: 3541 | Date Extracted: 09/19/2011 12:00

Sample wt/vol: 15.04(g) | Date Analyzed: 09/21/2011 13:37

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 7.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86811 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 64000

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Trichloro-1,1-biphenyl isomer-2	8.32	3800	J
	Unknown-1	8.33	2600	J
	Trichloro-1,1-biphenyl isomer-4	8.48	3900	J
	Trichloro-1,1-biphenyl isomer-5	8.73	8900	J
	Tetrachloro-1,1-biphenyl isomer-1	8.79	1800	J
	Trichloro-1,1-biphenyl isomer-6	8.86	2700	J
	Tetrachloro-1,1-biphenyl isomer-3	8.99	4100	J
	Tetrachloro-1,1-biphenyl isomer-4	9.03	3300	J
	Tetrachloro-1,1-biphenyl isomer-5	9.05	2500	J
	Tetrachloro-1,1-biphenyl isomer-6	9.16	4100	J
	Unknown-2	9.18	1800	J
	Trichloro-1,1-biphenyl isomer-7	9.21	1900	J
	Tetrachloro-1,1-biphenyl isomer-7	9.24	1700	J
	Tetrachloro-1,1-biphenyl isomer-8	9.26	3100	J
	Tetrachloro-1,1-biphenyl isomer-10	9.45	2300	J
	Tetrachloro-1,1-biphenyl isomer-11	9.48	2900	J
	Tetrachloro-1,1-biphenyl isomer-12	9.50	4700	J
	Tetrachloro-1,1-biphenyl isomer-13	9.63	3400	J
	Pentachloro-1,1''-biphenyl isomer-1	9.67	1500	J
	Pentachloro-1,1''-biphenyl isomer-2	9.95	3000	J

Data File: /chem/BNAMS5.i/8270/09-12-11/21sep11.b/x17944.d
Report Date: 21-Sep-2011 14:59

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/09-12-11/21sep11.b/x17944.d
Lab Smp Id: 460-30837-F-27-C Client Smp ID: PMP-4-VS-S (0.5-1.0
Inj Date : 21-SEP-2011 13:37
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-30837-F-27-C
Misc Info : 460-30837-F-27-C
Comment   :
Method   : /chem/BNAMS5.i/8270/09-12-11/21sep11.b/8270C_08SP.m
Meth Date : 21-Sep-2011 04:34 asfawa Quant Type: ISTD
Cal Date : 12-SEP-2011 14:45 Cal File: x17717.d
Als bottle: 23
Dil Factor: 2.00000
Integrator: HP RTE Compound Sublist: all-soil.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	15.04000	Weight of sample extracted (g)
M	7.94824	% 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	2.640	2.628	(0.680)	517065	21.2372	3100
$ 17 Phenol-d5 (SUR)	99	3.534	3.557	(0.911)	756708	24.1209	3500
* 79 1,4-Dichlorobenzene-d4	152	3.881	3.887	(1.000)	706447	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.440	4.457	(0.860)	247062	9.46541	1400(R)
* 80 Naphthalene-d8	136	5.163	5.175	(1.000)	2537030	40.0000	
32 4-Chloroaniline	127	5.257	5.257	(1.018)	3382	0.13336	19(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.257	6.263	(0.905)	624066	14.3748	2100
* 82 Acenaphthene-d10	164	6.916	6.916	(1.000)	1203211	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.687	7.698	(1.111)	184046	28.9232	4200
115 n-Octadecane	57	8.298	8.298	(0.992)	43794	1.84916	270(aH)
* 83 Phenanthrene-d10	188	8.363	8.369	(1.000)	1396098	40.0000	
57 Pyrene	202	9.763	9.769	(0.887)	17686	0.55306	80(a)
$ 78 Terphenyl-d14	244	9.933	9.933	(0.902)	507463	22.0057	3200

Data File: /chem/BNAMS5.i/8270/09-12-11/21sep11.b/x17944.d
Report Date: 21-Sep-2011 14:59

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
*	81 Chrysene-d12	240	11.010	11.027	(1.000)	768617	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	11.075	11.080	(1.006)	21193	1.17943	170(a)
	65 Benzo(b)fluoranthene	252	12.310	12.321	(0.961)	5537	0.26677	38(a)
	67 Benzo(a)pyrene	252	12.721	12.733	(0.994)	1945	0.11588	17(a)
*	84 Perylene-d12	264	12.804	12.810	(1.000)	646717	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.192	14.198	(1.108)	2924	0.19309	28(a)
	70 Benzo(g,h,i)perylene	276	14.539	14.545	(1.136)	5182	0.35438	51(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Data File: /chem/BNAMS5.i/8270/09-12-11/21sep11.b/x17944.d
Report Date: 21-Sep-2011 14:59

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/09-12-11/21sep11.b/x17944.d
Lab Smp Id: 460-30837-F-27-C Client Smp ID: PMP-4-VS-S (0.5-1.0
Inj Date : 21-SEP-2011 13:37
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-30837-F-27-C
Misc Info : 460-30837-F-27-C
Comment   :
Method   : /chem/BNAMS5.i/8270/09-12-11/21sep11.b/8270C_08SP.m
Meth Date : 21-Sep-2011 04:34 asfawa Quant Type: ISTD
Cal Date : 12-SEP-2011 14:45 Cal File: x17717.d
Als bottle: 23
Dil Factor: 2.00000
Integrator: HP RTE Compound Sublist: all-soil.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	15.04000	Weight of sample extracted (g)
M	7.94824	% Moisture

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 83 Phenanthrene-d10	8.363	5548443	40.000
* 81 Chrysene-d12	11.010	1931762	40.000

	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane					CAS #:		
7.869	1144931	8.25406936	1200	0		0	83

Data File: /chem/BNAMS5.i/8270/09-12-11/21sep11.b/x17944.d
Report Date: 21-Sep-2011 14:59

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Trichloro-1,1-biphenyl isomer-1					CAS #:		
8.116	1254254	9.04220735	1300	0		0	83
Trichloro-1,1-biphenyl isomer-2					CAS #:		
8.316	3602157	25.9687776	3800	0		0	83
Unknown-1					CAS #:		
8.334	2524956	18.2029854	2600	0		0	83
Trichloro-1,1-biphenyl isomer-3					CAS #:		
8.398	819076	5.90490910	850	0		0	83
Trichloro-1,1-biphenyl isomer-4					CAS #:		
8.481	3768348	27.1668840	3900	0		0	83
Trichloro-1,1-biphenyl isomer-5					CAS #:		
8.728	8545504	61.6064987	8900	0		0	83
Tetrachloro-1,1-biphenyl isomer-1					CAS #:		
8.786	1773567	12.7860523	1800	0		0	83
Trichloro-1,1-biphenyl isomer-6					CAS #:		
8.857	2620194	18.8895815	2700	0		0	83
Tetrachloro-1,1-biphenyl isomer-2					CAS #:		
8.886	1323277	9.53980770	1400	0		0	83
Tetrachloro-1,1-biphenyl isomer-3					CAS #:		
8.992	3944129	28.4341304	4100	0		0	83
Tetrachloro-1,1-biphenyl isomer-4					CAS #:		
9.028	3176430	22.8996129	3300	0		0	83
Tetrachloro-1,1-biphenyl isomer-5					CAS #:		
9.051	2398671	17.2925723	2500	0		0	83
Tetrachloro-1,1-biphenyl isomer-6					CAS #:		
9.157	3955877	28.5188227	4100	0		0	83
Unknown-2					CAS #:		
9.181	1760674	12.6931013	1800	0		0	83
Trichloro-1,1-biphenyl isomer-7					CAS #:		
9.210	1827483	13.1747453	1900	0		0	83

Data File: /chem/BNAMS5.i/8270/09-12-11/21sep11.b/x17944.d
Report Date: 21-Sep-2011 14:59

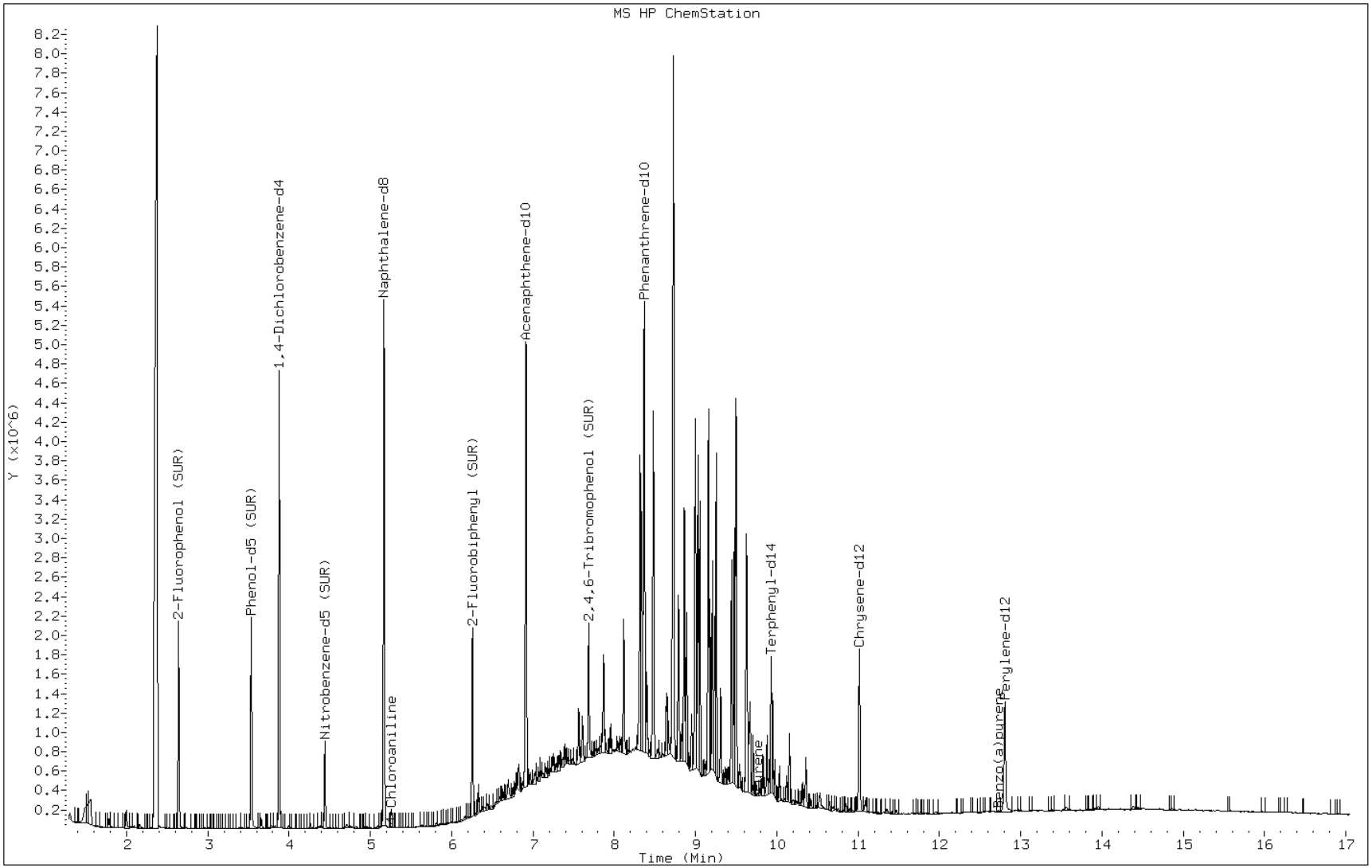
		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
====	====	==========	==========	====	=======	=========	======
Tetrachloro-1,1-biphenyl isomer-7					CAS #:		
9.239	1648179	11.8821018	1700	0		0	83
Tetrachloro-1,1-biphenyl isomer-8					CAS #:		
9.257	3005586	21.6679631	3100	0		0	83
Tetrachloro-1,1-biphenyl isomer-9					CAS #:		
9.310	935120	6.74149424	970	0		0	83
Tetrachloro-1,1-biphenyl isomer-10					CAS #:		
9.445	2172056	15.6588518	2300	0		0	83
Tetrachloro-1,1-biphenyl isomer-11					CAS #:		
9.481	2773761	19.9966766	2900	0		0	83
Tetrachloro-1,1-biphenyl isomer-12					CAS #:		
9.498	4501128	32.4496676	4700	0		0	83
Tetrachloro-1,1-biphenyl isomer-13					CAS #:		
9.628	3278060	23.6322896	3400	0		0	83
Pentachloro-1,1'-biphenyl isomer-1					CAS #:		
9.675	1455383	10.4921909	1500	0		0	83
Pentachloro-1,1'-biphenyl isomer-2					CAS #:		
9.951	992299	20.5470192	3000	0		0	81

Data File: x17944.d

Date: 21-SEP-2011 13:37

Client ID: PMP-4-VS-S (0.5-1.0 Instrument: BNAMS5.i

Sample Info: 460-30837-F-27-C Operator: BNAMS 4



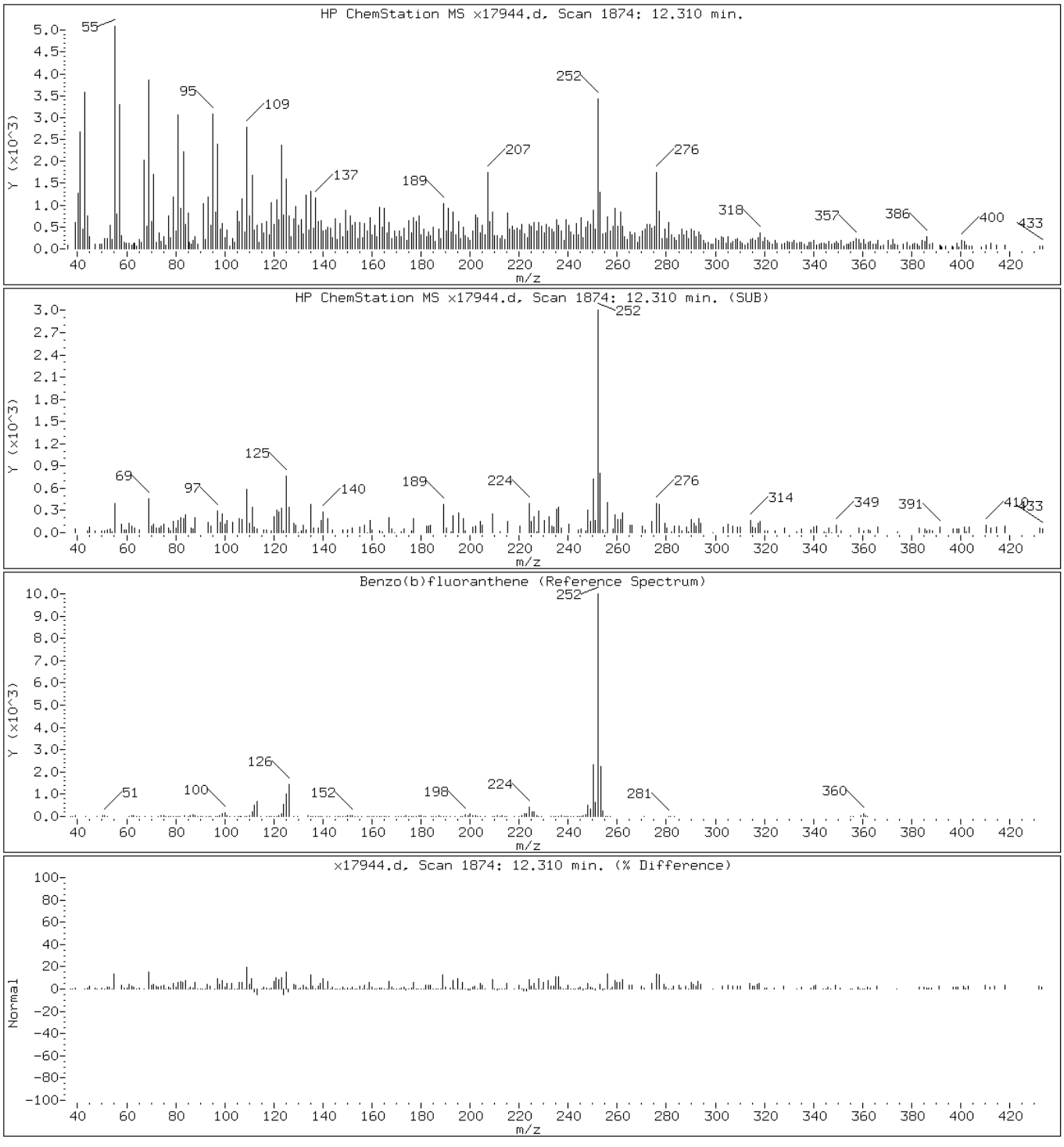
Data File: x17944.d

Date: 21-SEP-2011 13:37

Client ID: PMP-4-VS-S (0.5-1.0 Instrument: BNAMS5.i

Sample Info: 460-30837-F-27-C Operator: BNAMS 4

65 Benzo(b)fluoranthene



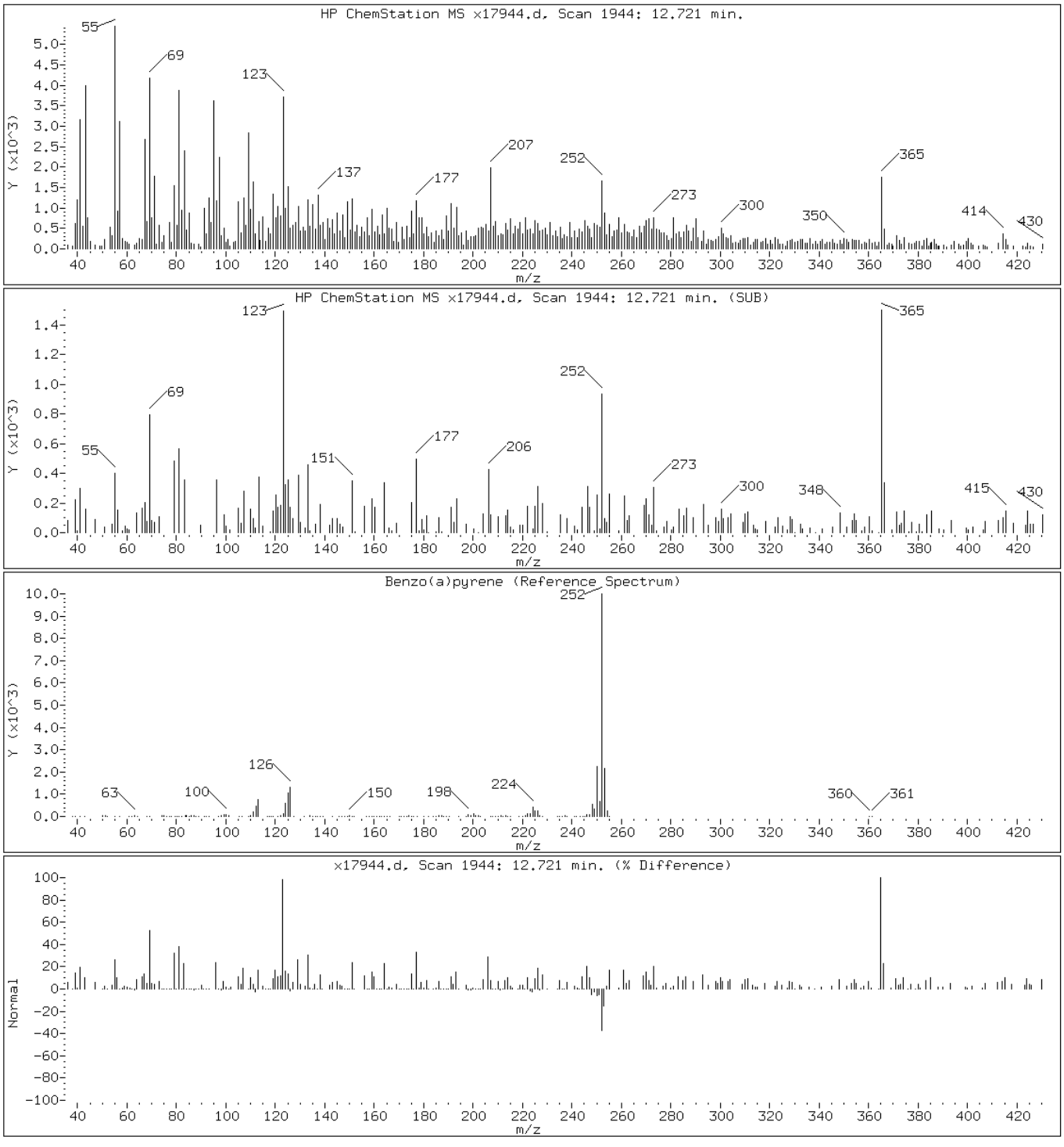
Data File: x17944.d

Date: 21-SEP-2011 13:37

Client ID: PMP-4-VS-S (0.5-1.0 Instrument: BNAMS5.i

Sample Info: 460-30837-F-27-C Operator: BNAMS 4

67 Benzo(a)pyrene



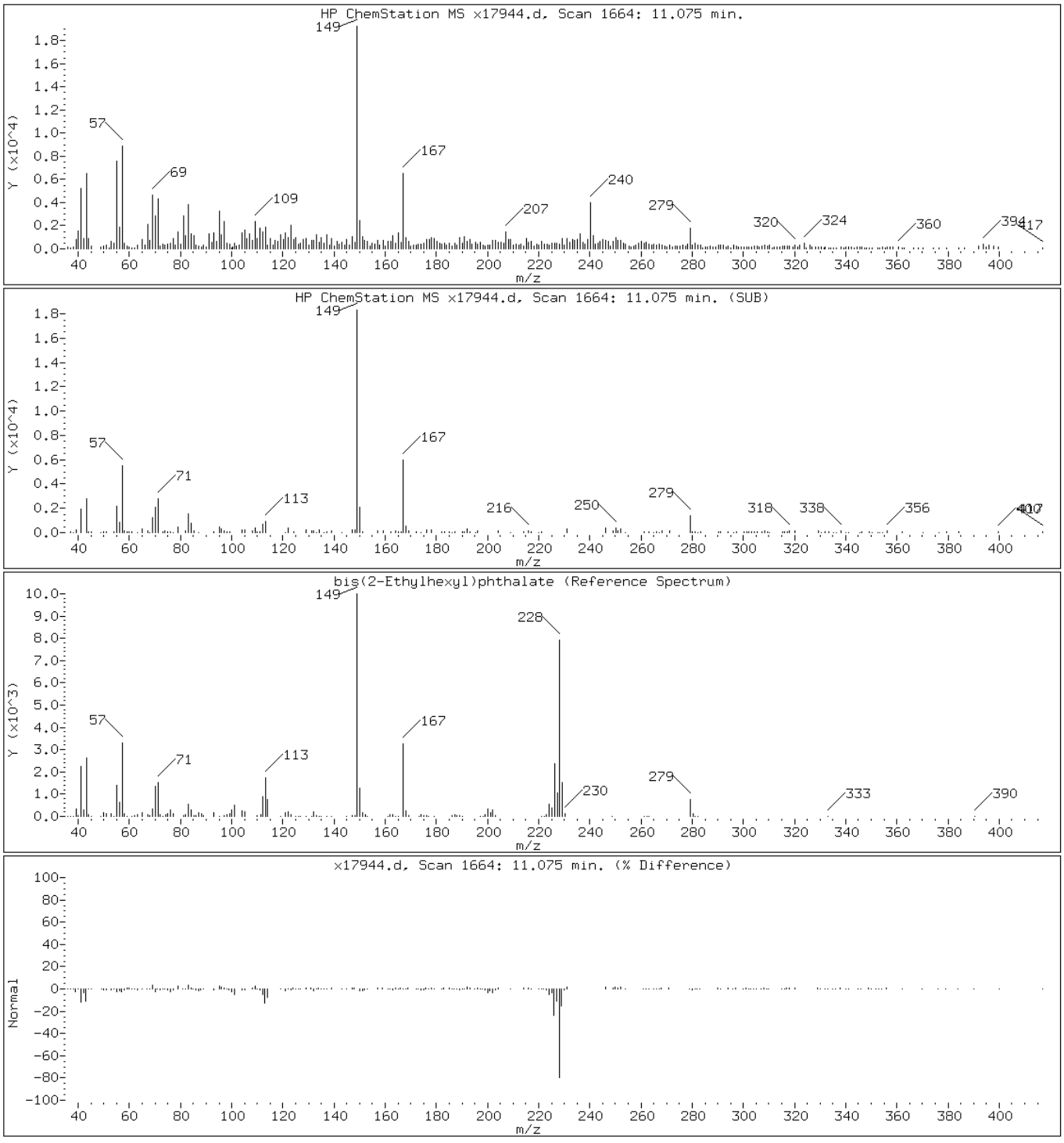
Data File: x17944.d

Date: 21-SEP-2011 13:37

Client ID: PMP-4-VS-S (0.5-1.0 Instrument: BNAMS5.i

Sample Info: 460-30837-F-27-C Operator: BNAMS 4

63 bis(2-Ethylhexyl)phthalate



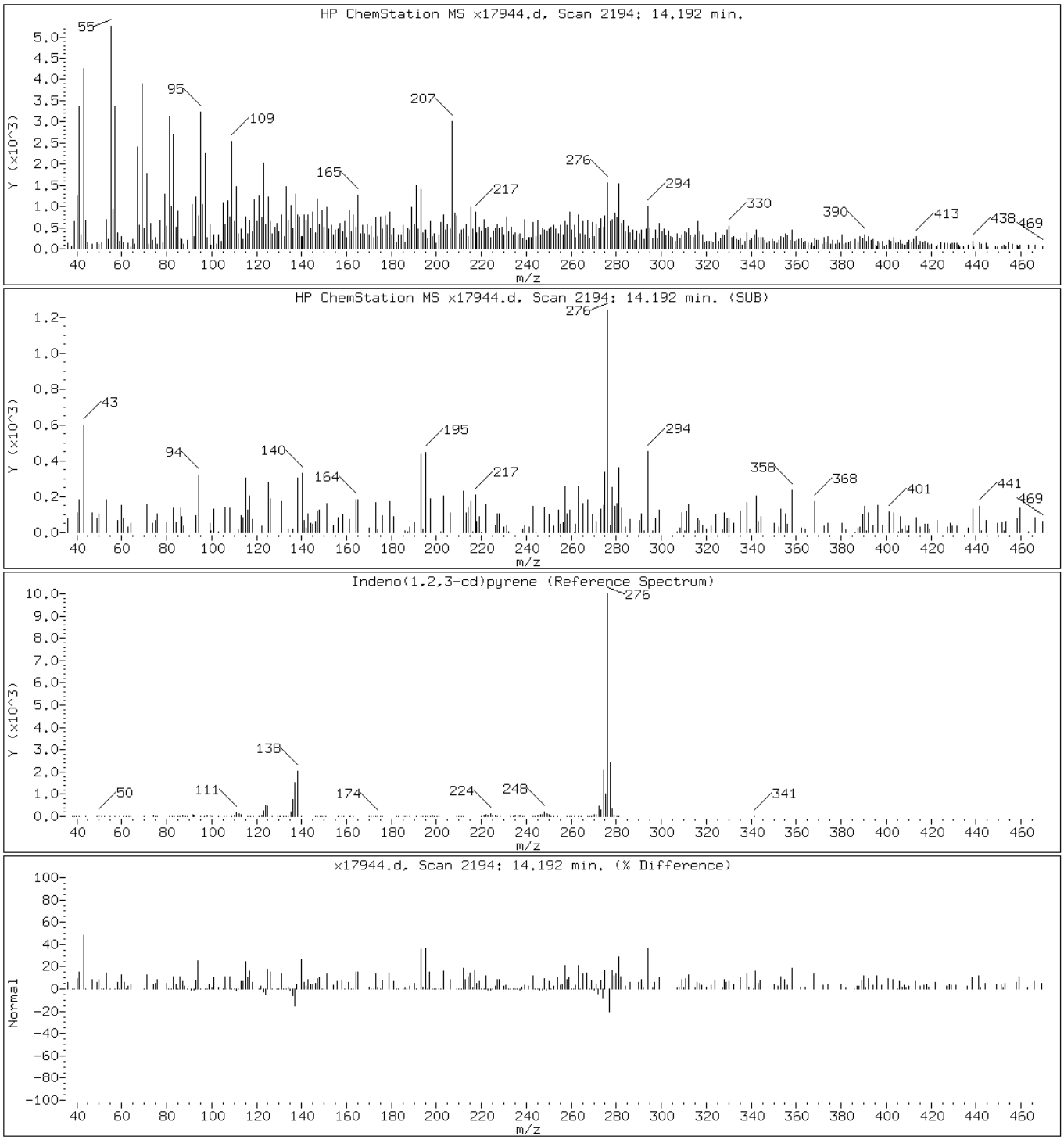
Data File: x17944.d

Date: 21-SEP-2011 13:37

Client ID: PMP-4-VS-S (0.5-1.0 Instrument: BNAMS5.i

Sample Info: 460-30837-F-27-C Operator: BNAMS 4

68 Indeno(1,2,3-cd)pyrene



Data File: x17944.d

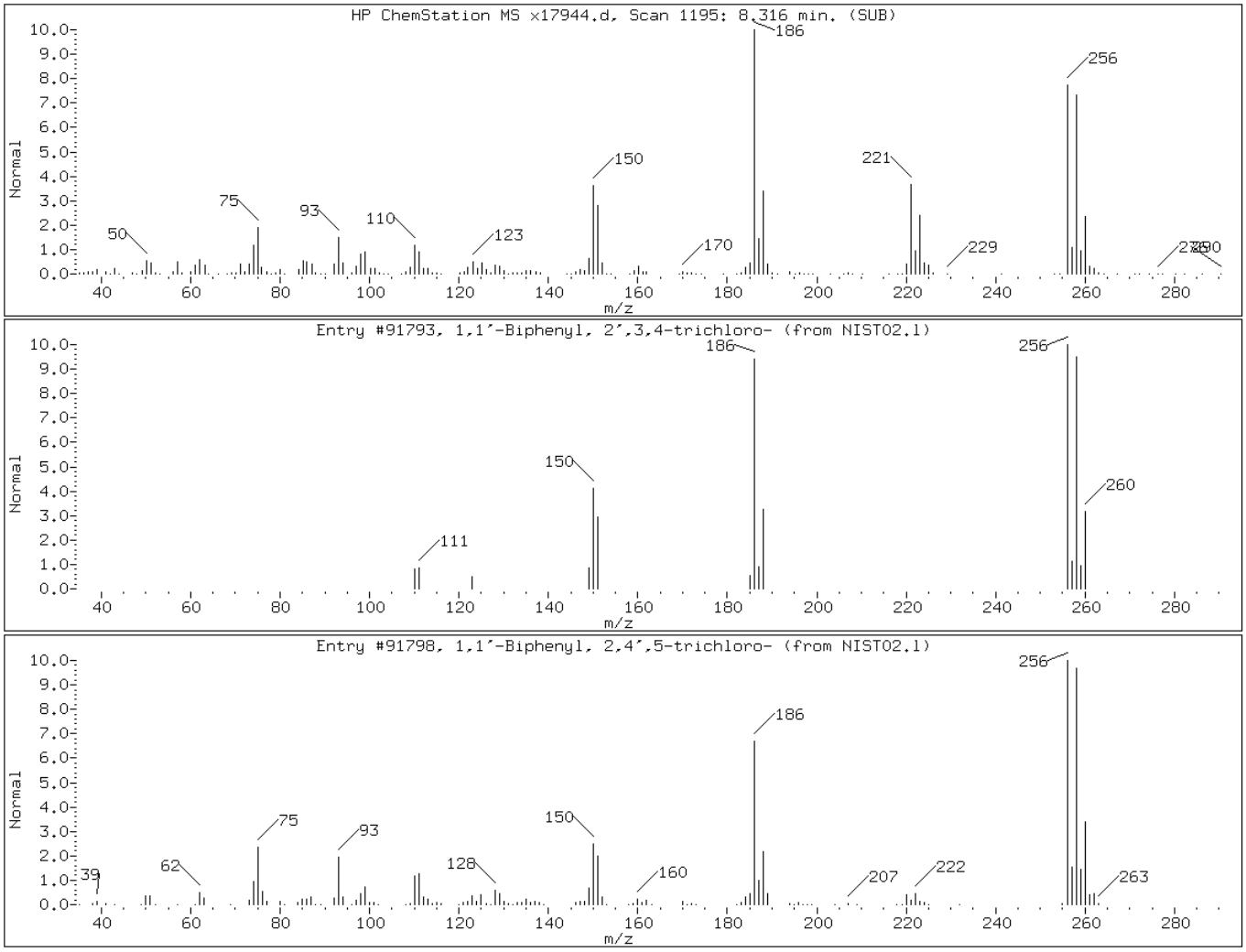
Date: 21-SEP-2011 13:37

Client ID: PMP-4-VS-S (0.5-1.0 Instrument: BNAMS5.i

Sample Info: 460-30837-F-27-C Operator: BNAMS 4

Retention Time: 8.32

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-2						
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.l	91793	98	C12H7Cl3	256
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91798	96	C12H7Cl3	256



Data File: x17944.d

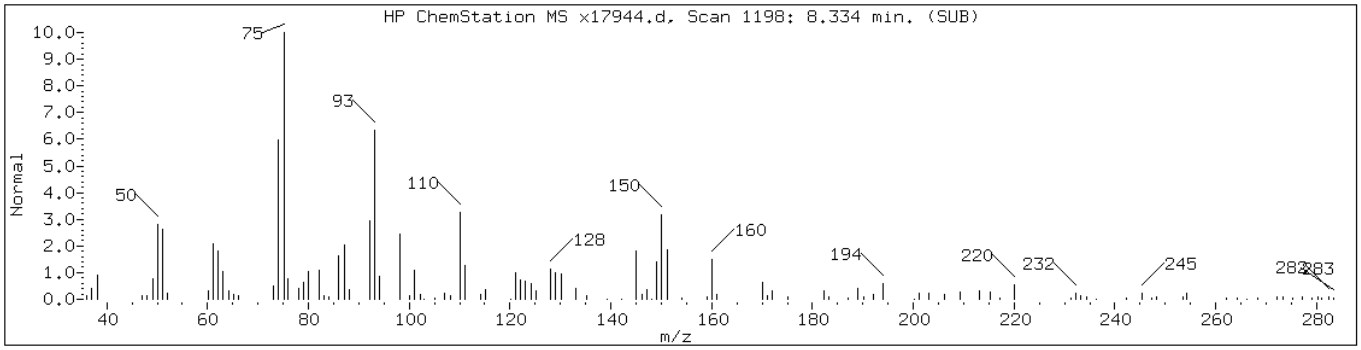
Date: 21-SEP-2011 13:37

Client ID: PMP-4-VS-S (0.5-1.0 Instrument: BNAMS5.i

Sample Info: 460-30837-F-27-C Operator: BNAMS 4

Retention Time: 8.33

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
Unknown						



Data File: x17944.d

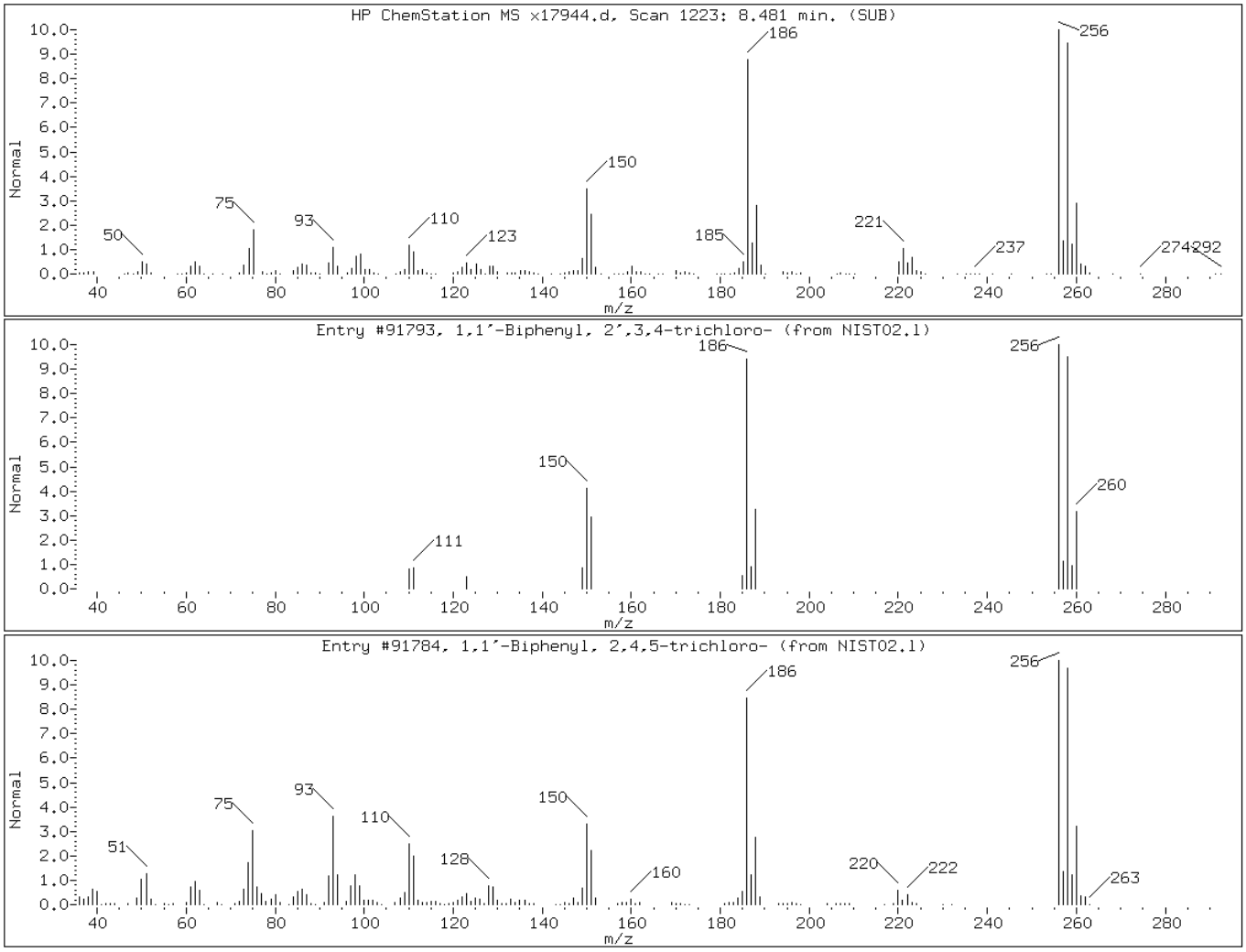
Date: 21-SEP-2011 13:37

Client ID: PMP-4-VS-S (0.5-1.0 Instrument: BNAMS5.i

Sample Info: 460-30837-F-27-C Operator: BNAMS 4

Retention Time: 8.48

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-4						
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.l	91793	98	C12H7Cl3	256
1,1'-Biphenyl, 2,4,5-trichloro-	15862-07-4	NIST02.l	91784	98	C12H7Cl3	256



Data File: x17944.d

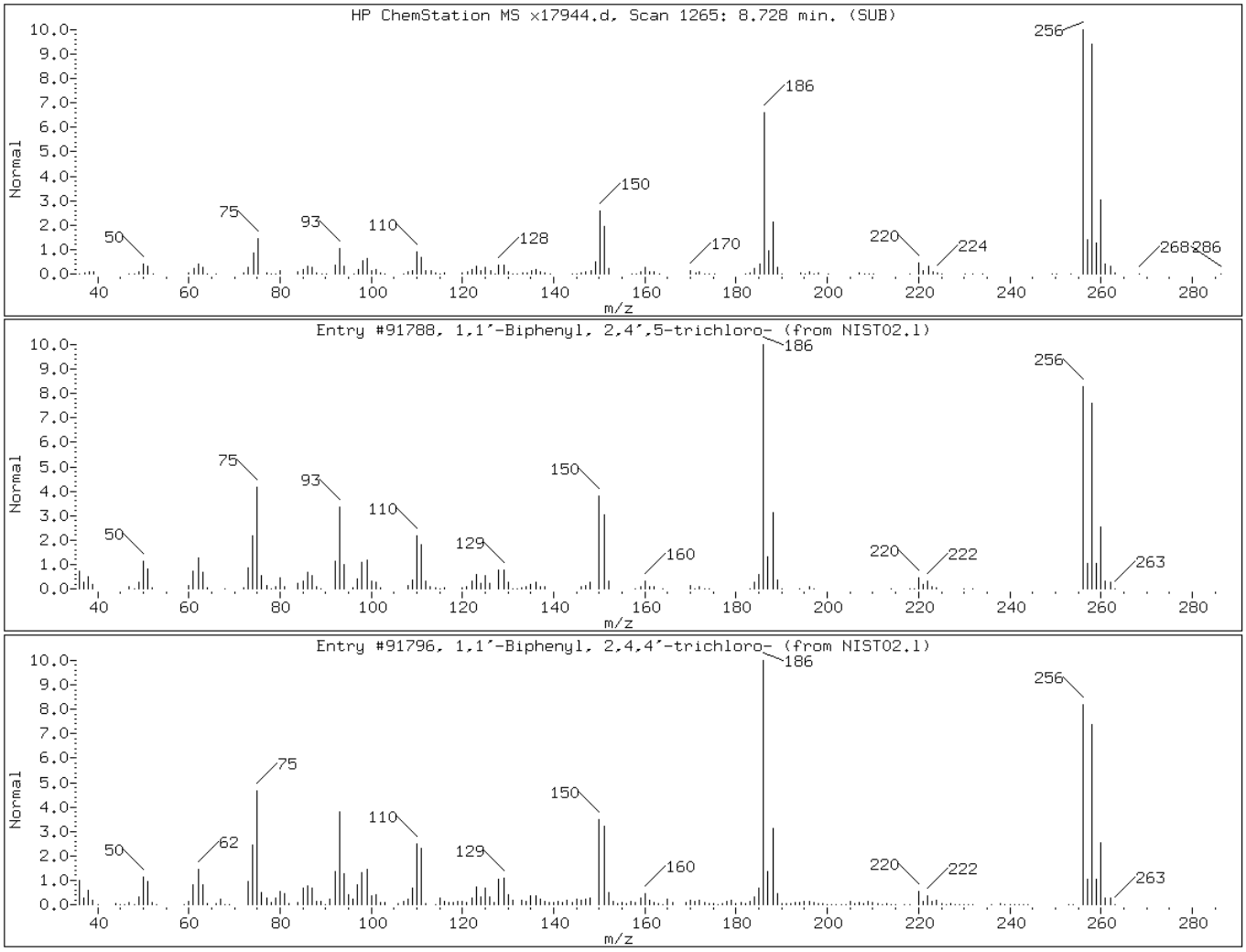
Date: 21-SEP-2011 13:37

Client ID: PMP-4-VS-S (0.5-1.0 Instrument: BNAMS5.i

Sample Info: 460-30837-F-27-C Operator: BNAMS 4

Retention Time: 8.73

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: x17944.d

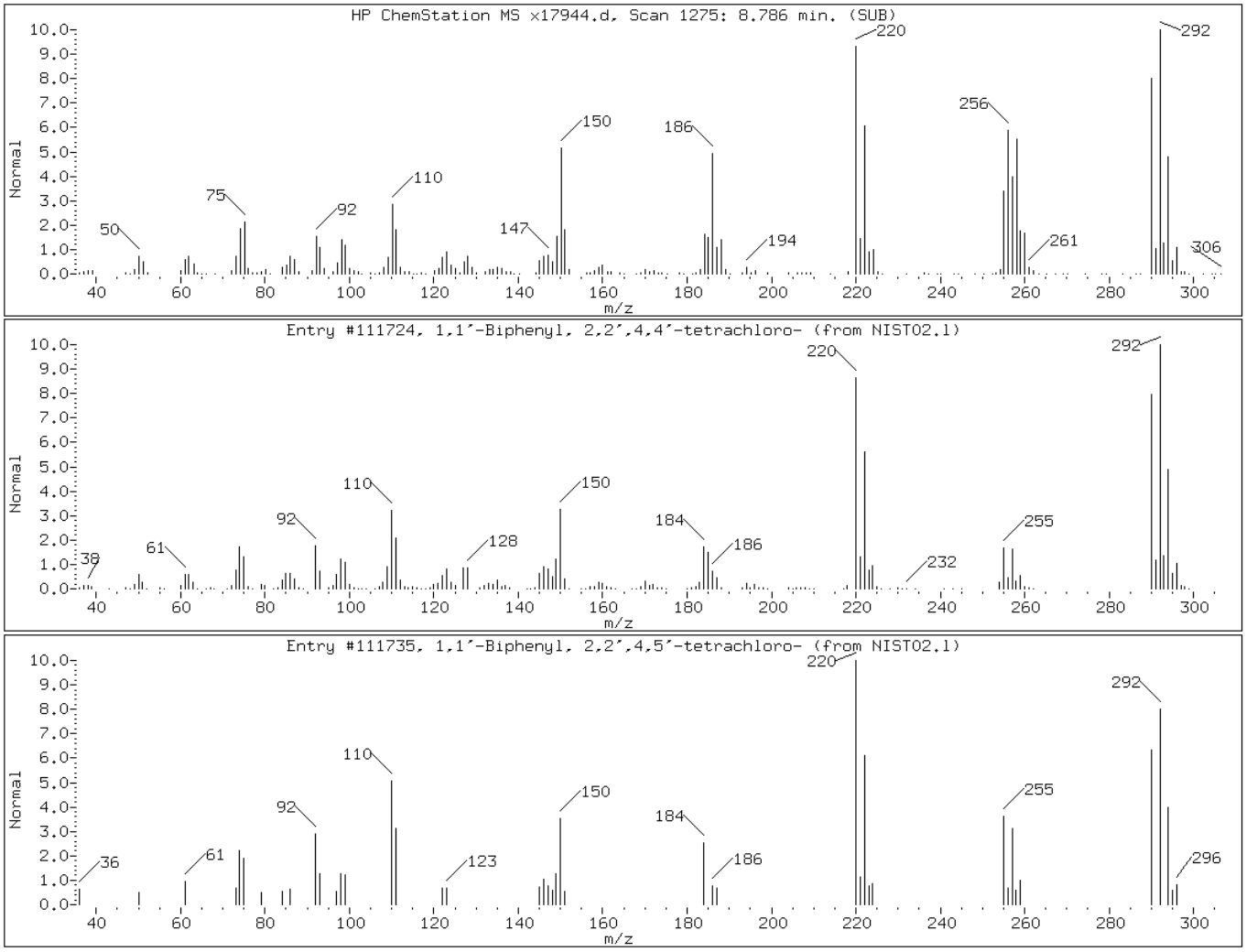
Date: 21-SEP-2011 13:37

Client ID: PMP-4-VS-S (0.5-1.0 Instrument: BNAMS5.i

Sample Info: 460-30837-F-27-C Operator: BNAMS 4

Retention Time: 8.79

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-1						
1,1'-Biphenyl, 2,2',4,4'-tetrachlo	2437-79-8	NIST02.l	111724	99	C12H6Cl4	290
1,1'-Biphenyl, 2,2',4,5'-tetrachlo	41464-40-8	NIST02.l	111735	99	C12H6Cl4	290



Data File: x17944.d

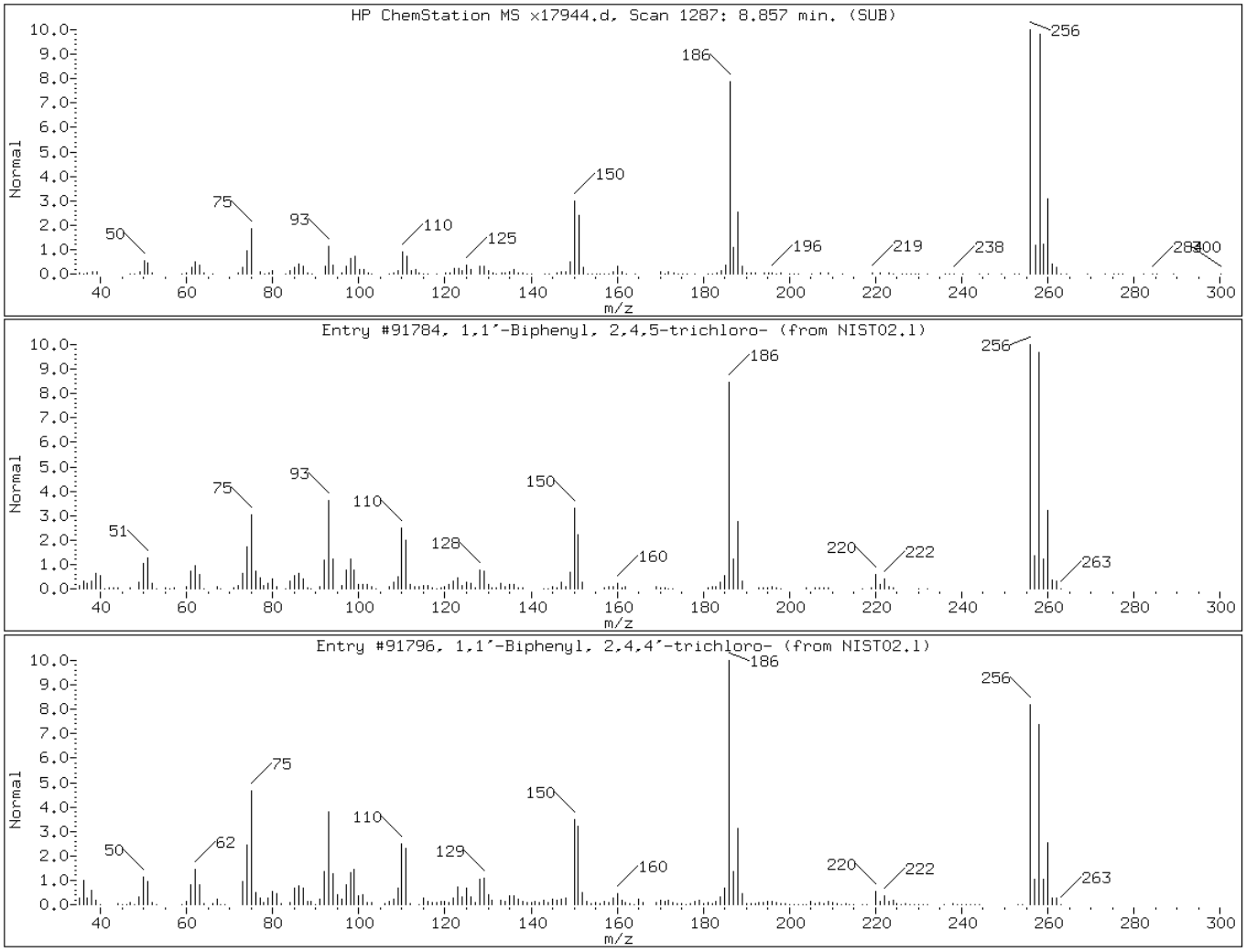
Date: 21-SEP-2011 13:37

Client ID: PMP-4-VS-S (0.5-1.0 Instrument: BNAMS5.i

Sample Info: 460-30837-F-27-C Operator: BNAMS 4

Retention Time: 8.86

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-6						
1,1'-Biphenyl, 2,4,5-trichloro-	15862-07-4	NIST02.l	91784	96	C12H7Cl3	256
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.l	91796	95	C12H7Cl3	256



Data File: x17944.d

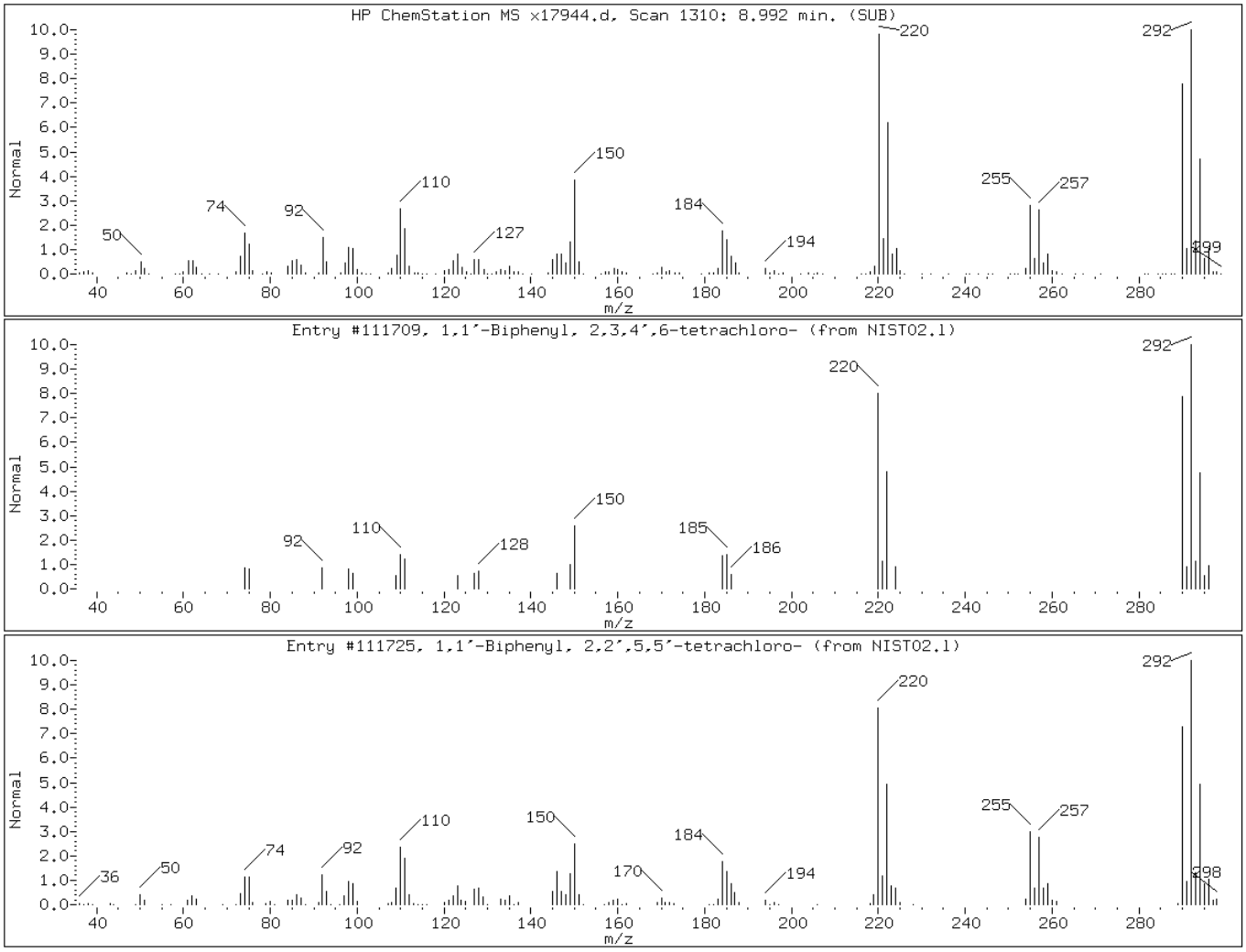
Date: 21-SEP-2011 13:37

Client ID: PMP-4-VS-S (0.5-1.0 Instrument: BNAMS5.i

Sample Info: 460-30837-F-27-C Operator: BNAMS 4

Retention Time: 8.99

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-3						
1,1'-Biphenyl, 2,3,4',6-tetrachlor	52663-58-8	NIST02.l	111709	98	C12H6Cl4	290
1,1'-Biphenyl, 2,2',5,5'-tetrachlo	35693-99-3	NIST02.l	111725	98	C12H6Cl4	290



Data File: x17944.d

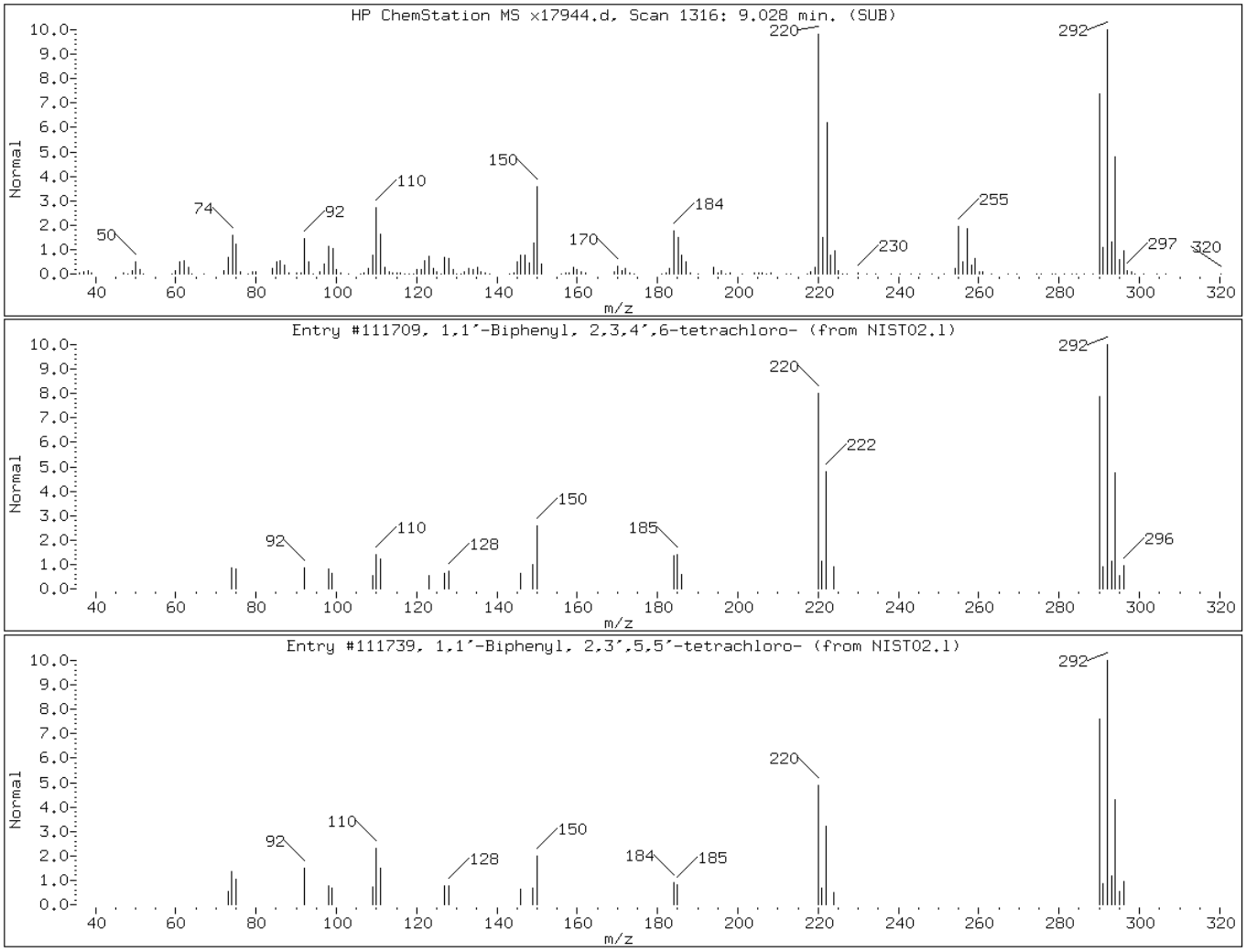
Date: 21-SEP-2011 13:37

Client ID: PMP-4-VS-S (0.5-1.0 Instrument: BNAMS5.i

Sample Info: 460-30837-F-27-C Operator: BNAMS 4

Retention Time: 9.03

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	52663-58-8	NIST02.l	111709	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3',5,5'-tetrachlo	41464-42-0	NIST02.l	111739	98	C12H6Cl4	290



Data File: x17944.d

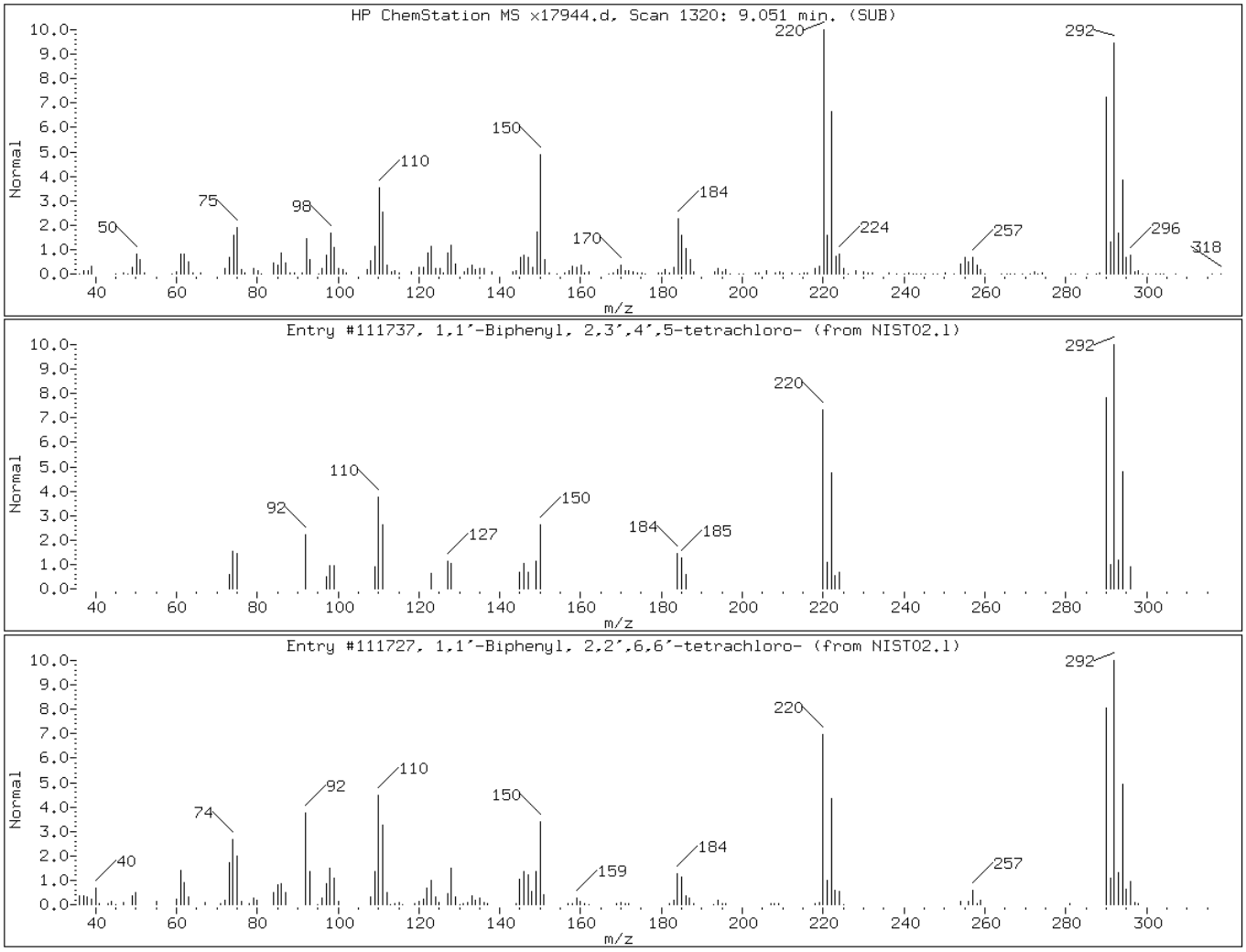
Date: 21-SEP-2011 13:37

Client ID: PMP-4-VS-S (0.5-1.0 Instrument: BNAMS5.i

Sample Info: 460-30837-F-27-C Operator: BNAMS 4

Retention Time: 9.05

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-5						
1,1'-Biphenyl, 2,3',4',5-tetrachlo	32598-11-1	NIST02.l	111737	98	C12H6Cl4	290
1,1'-Biphenyl, 2,2',6,6'-tetrachlo	15968-05-5	NIST02.l	111727	98	C12H6Cl4	290



Data File: x17944.d

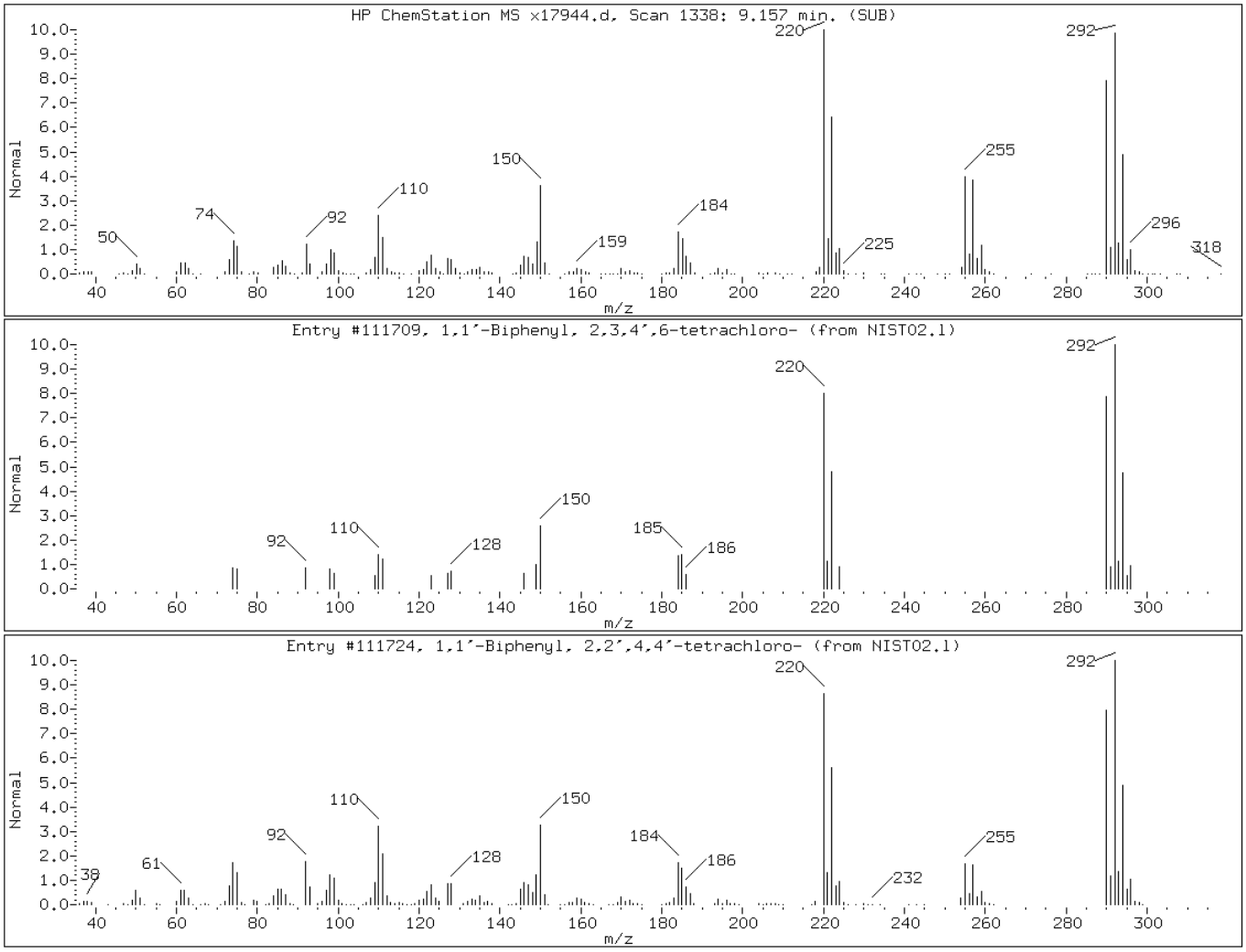
Date: 21-SEP-2011 13:37

Client ID: PMP-4-VS-S (0.5-1.0 Instrument: BNAMS5.i

Sample Info: 460-30837-F-27-C Operator: BNAMS 4

Retention Time: 9.16

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	98	C12H6Cl4	290
1,1'-Biphenyl, 2,2',4,4'-tetrachlo	2437-79-8	NIST02.l	111724	98	C12H6Cl4	290



Data File: x17944.d

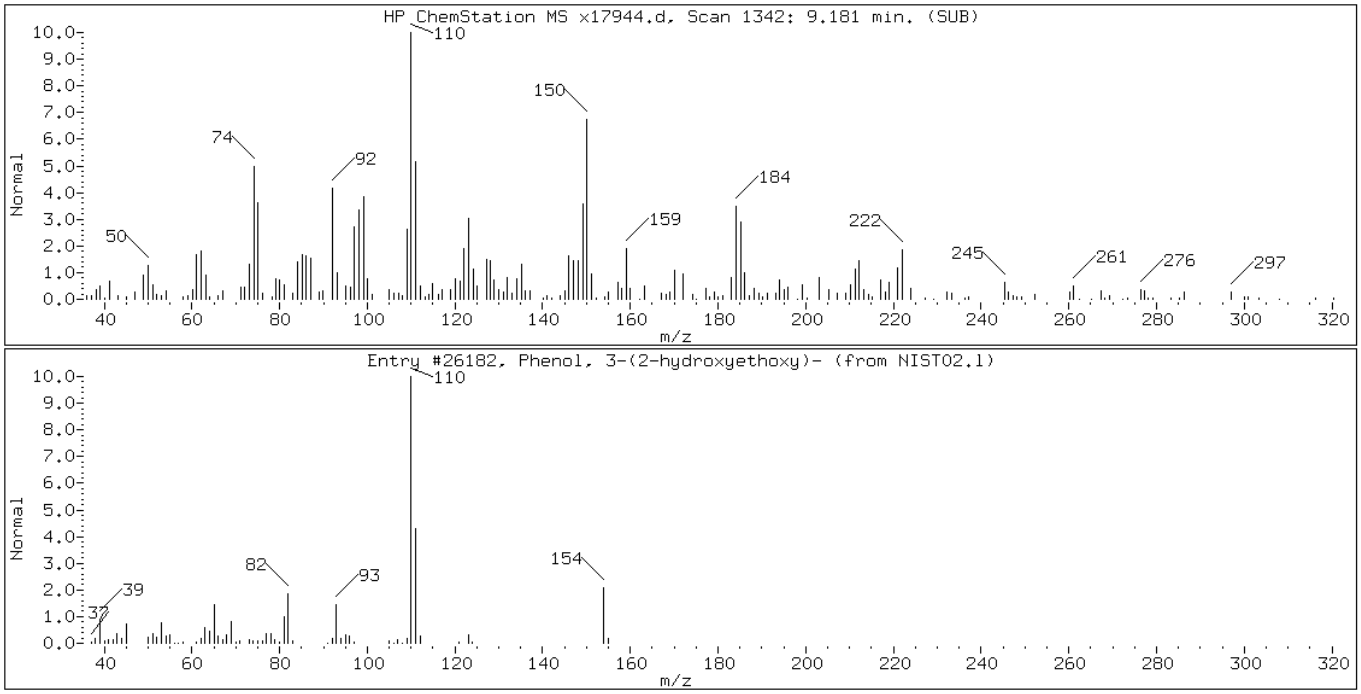
Date: 21-SEP-2011 13:37

Client ID: PMP-4-VS-S (0.5-1.0 Instrument: BNAMS5.i

Sample Info: 460-30837-F-27-C Operator: BNAMS 4

Retention Time: 9.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
Phenol, 3-(2-hydroxyethoxy)-	49650-88-6	NIST02.l	26182	22	C8H10O3	154



Data File: x17944.d

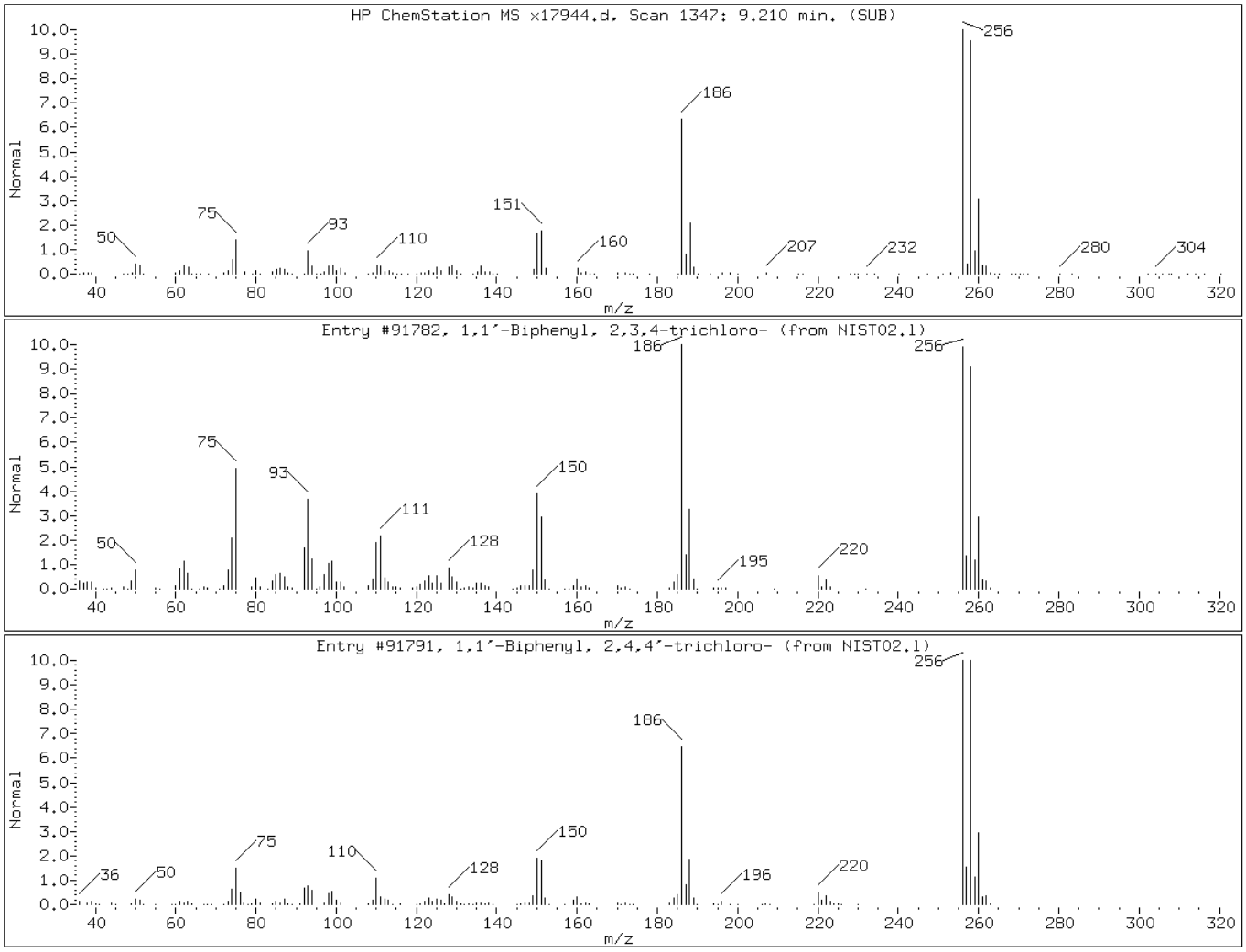
Date: 21-SEP-2011 13:37

Client ID: PMP-4-VS-S (0.5-1.0 Instrument: BNAMS5.i

Sample Info: 460-30837-F-27-C Operator: BNAMS 4

Retention Time: 9.21

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-7						
1,1'-Biphenyl, 2,3,4-trichloro-	55702-46-0	NIST02.l	91782	95	C12H7Cl3	256
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.l	91791	94	C12H7Cl3	256



Data File: x17944.d

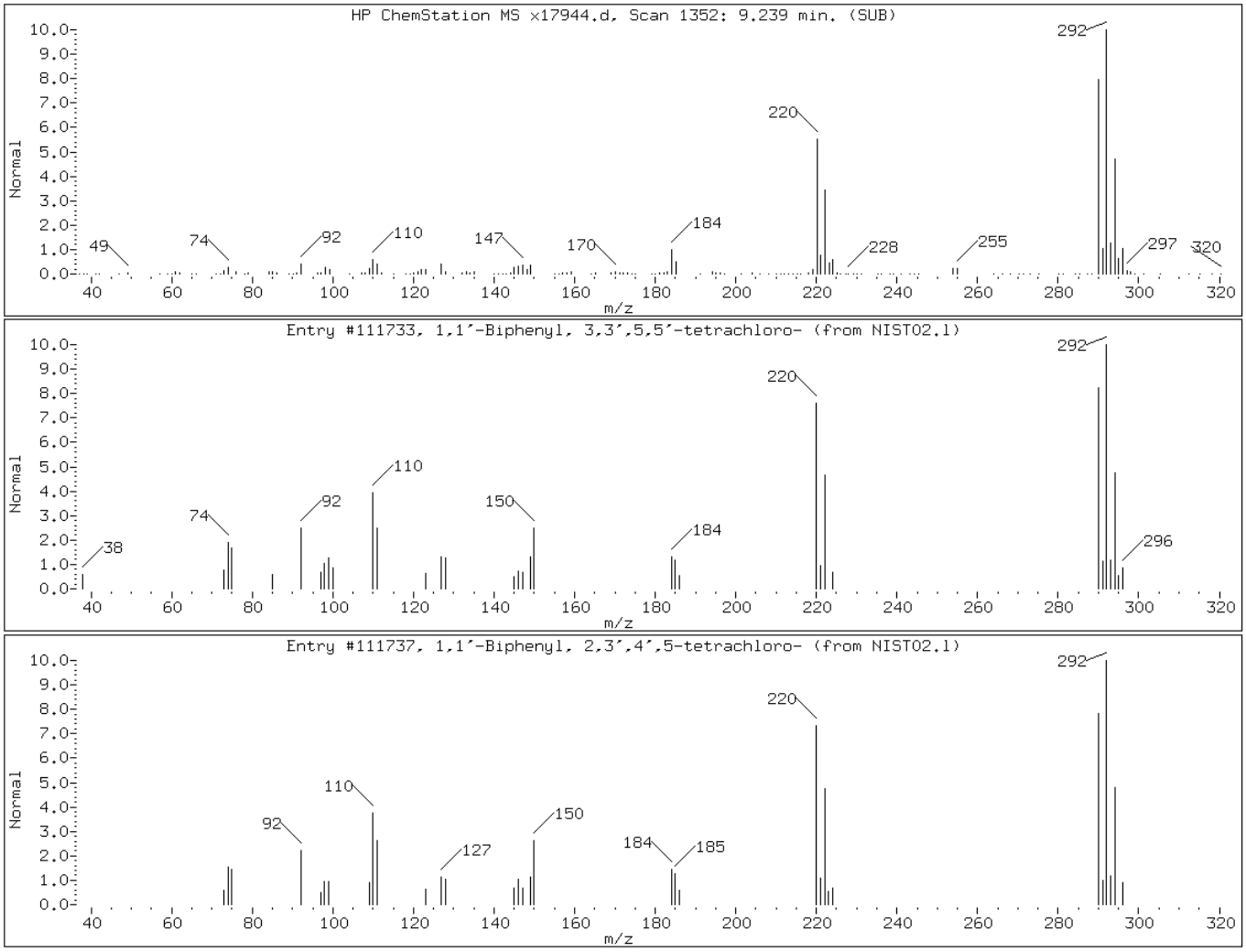
Date: 21-SEP-2011 13:37

Client ID: PMP-4-VS-S (0.5-1.0 Instrument: BNAMS5.i

Sample Info: 460-30837-F-27-C Operator: BNAMS 4

Retention Time: 9.24

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	98	C12H6Cl4	290
1,1'-Biphenyl, 2,3',4',5-tetrachlo	32598-11-1	NIST02.l	111737	96	C12H6Cl4	290



Data File: x17944.d

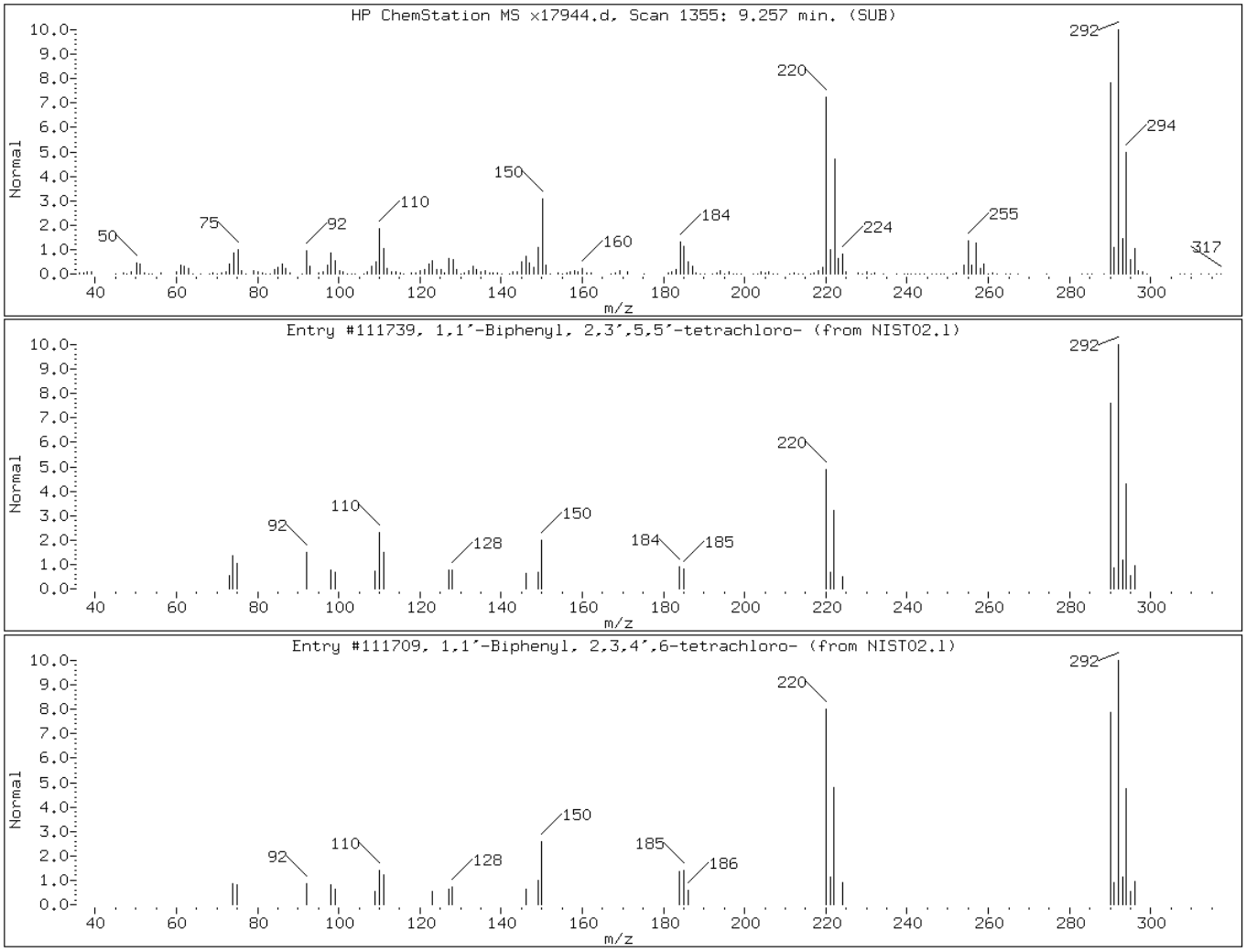
Date: 21-SEP-2011 13:37

Client ID: PMP-4-VS-S (0.5-1.0 Instrument: BNAMS5.i

Sample Info: 460-30837-F-27-C Operator: BNAMS 4

Retention Time: 9.26

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, 2,3,4',6-tetrachlor	52663-58-8	NIST02.l	111709	99	C12H6Cl4	290



Data File: x17944.d

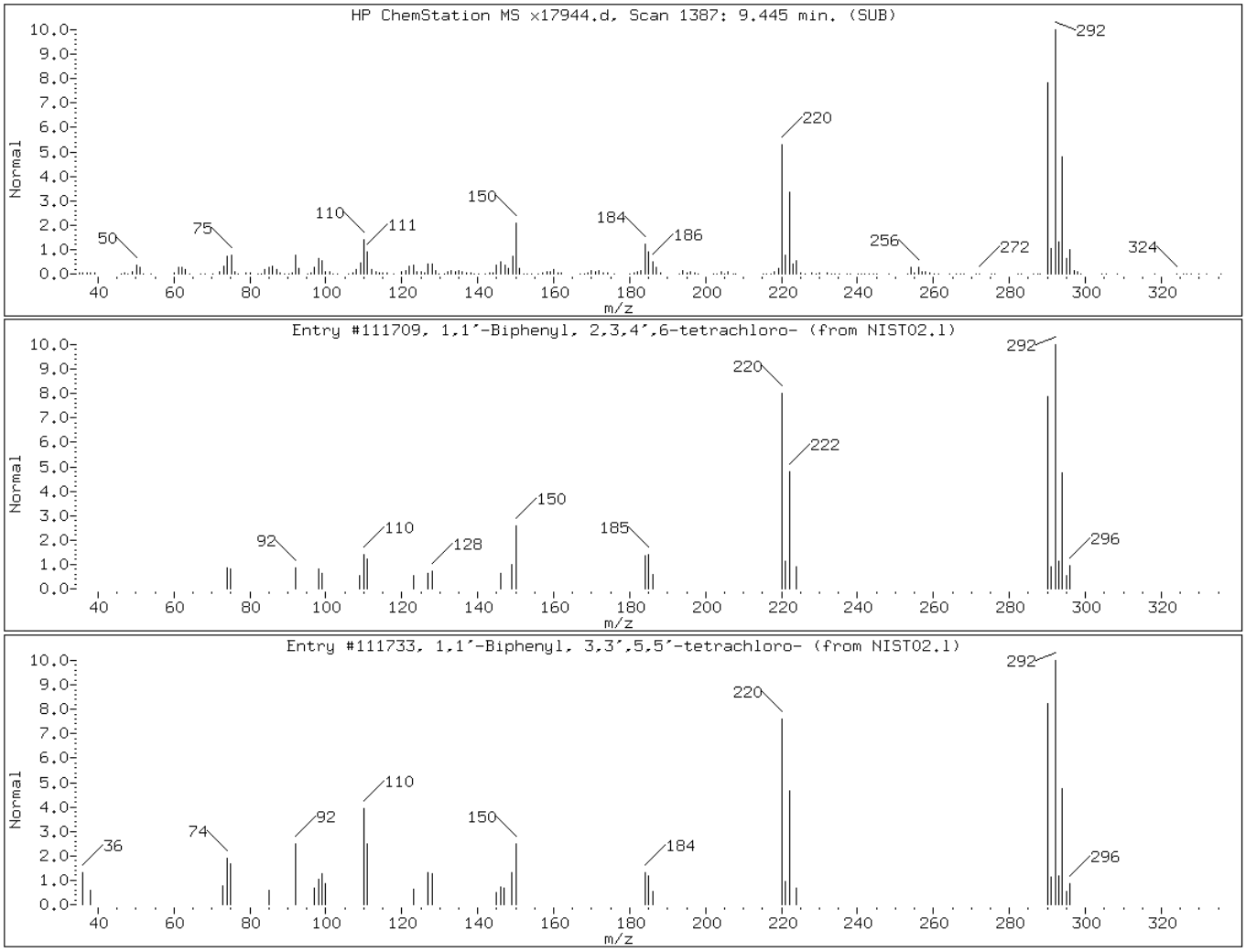
Date: 21-SEP-2011 13:37

Client ID: PMP-4-VS-S (0.5-1.0 Instrument: BNAMS5.i

Sample Info: 460-30837-F-27-C Operator: BNAMS 4

Retention Time: 9.45

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	99	C12H6Cl4	290
1,1'-Biphenyl, 3,3',5,5'-tetrachlo	33284-52-5	NIST02.l	111733	99	C12H6Cl4	290



Data File: x17944.d

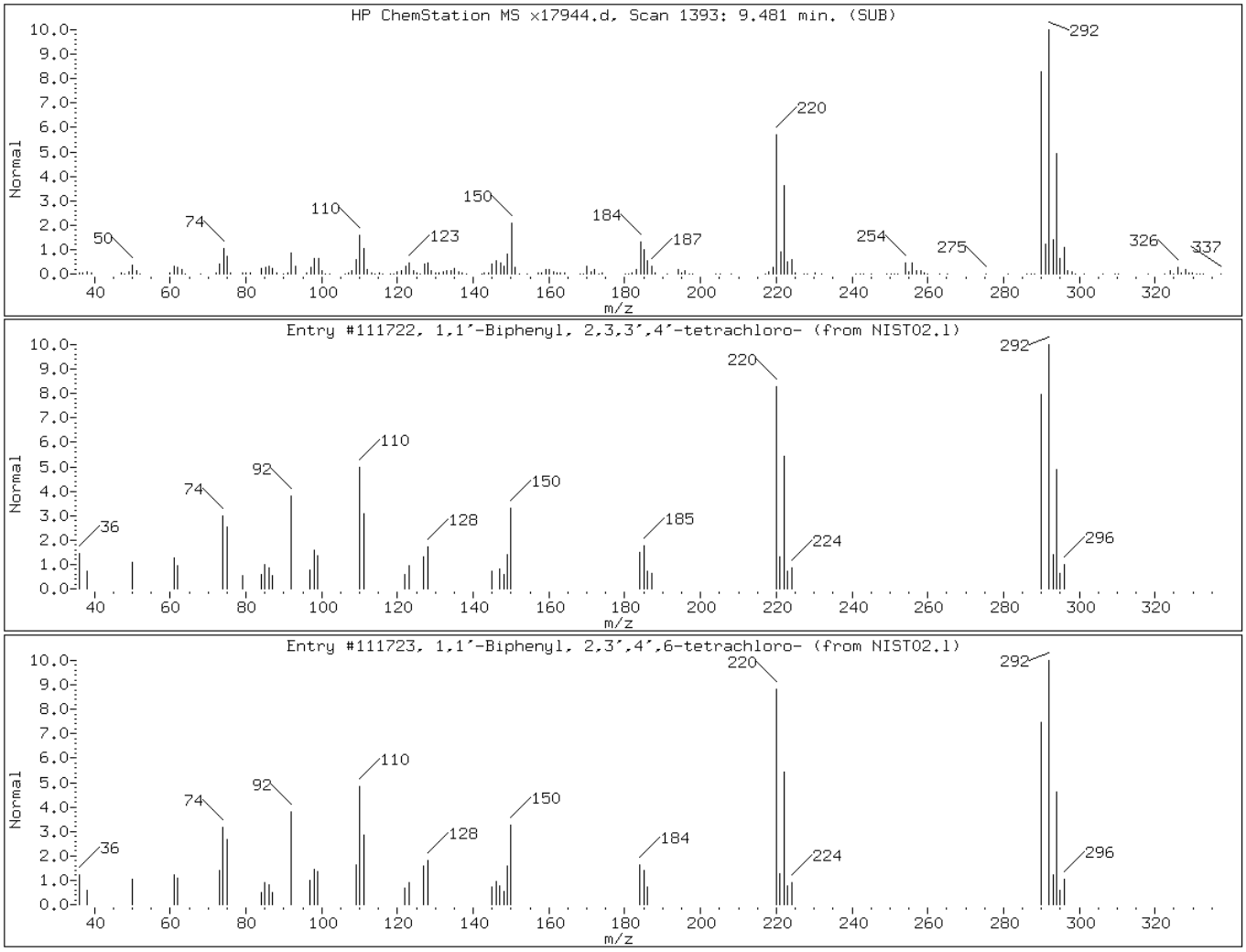
Date: 21-SEP-2011 13:37

Client ID: PMP-4-VS-S (0.5-1.0 Instrument: BNAMS5.i

Sample Info: 460-30837-F-27-C Operator: BNAMS 4

Retention Time: 9.48

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-11						
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: x17944.d

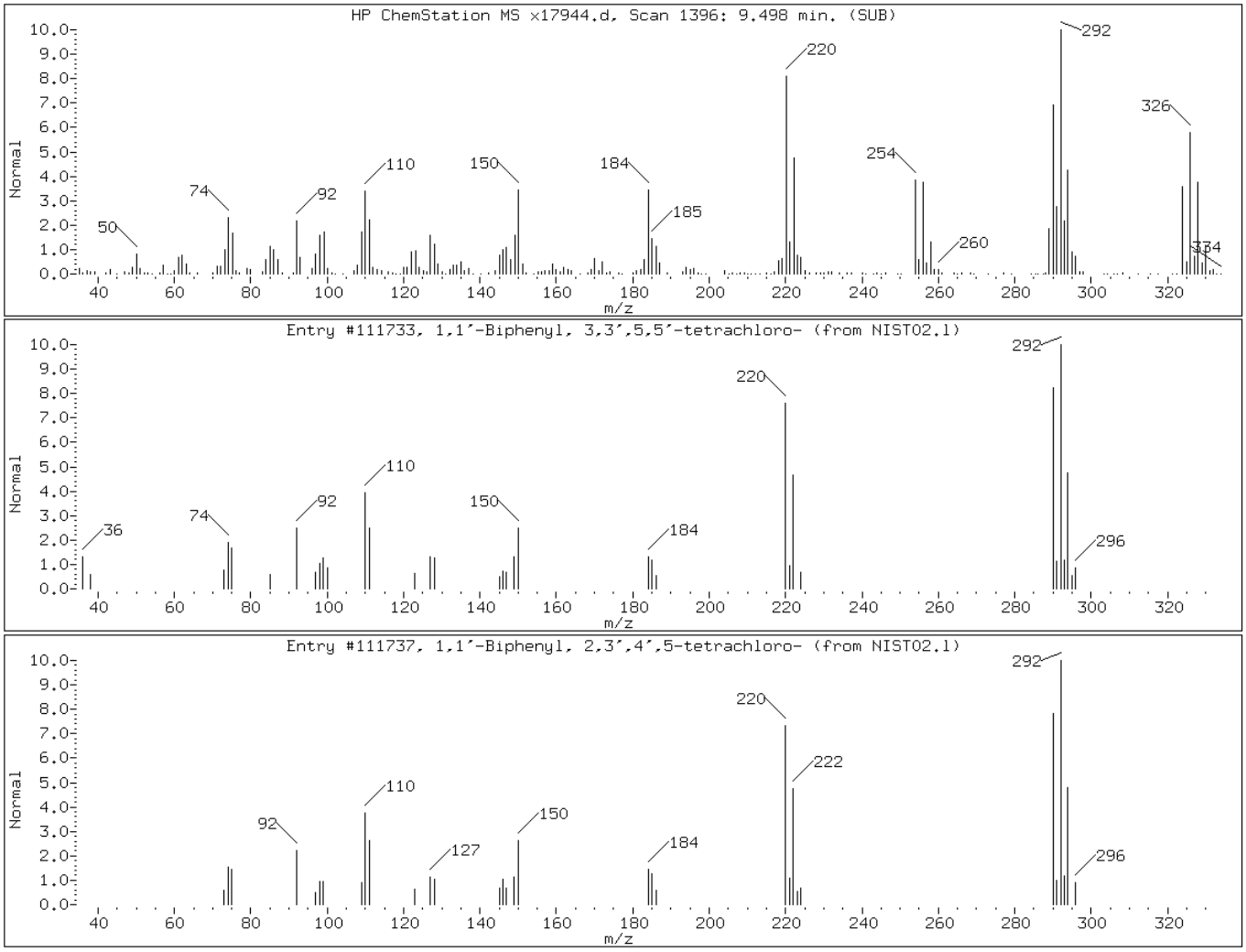
Date: 21-SEP-2011 13:37

Client ID: PMP-4-VS-S (0.5-1.0 Instrument: BNAMS5.i

Sample Info: 460-30837-F-27-C Operator: BNAMS 4

Retention Time: 9.50

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-12						
1,1'-Biphenyl, 3,3',5,5'-tetrachlo	33284-52-5	NIST02.l	111733	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3',4',5-tetrachlo	32598-11-1	NIST02.l	111737	99	C12H6Cl4	290



Data File: x17944.d

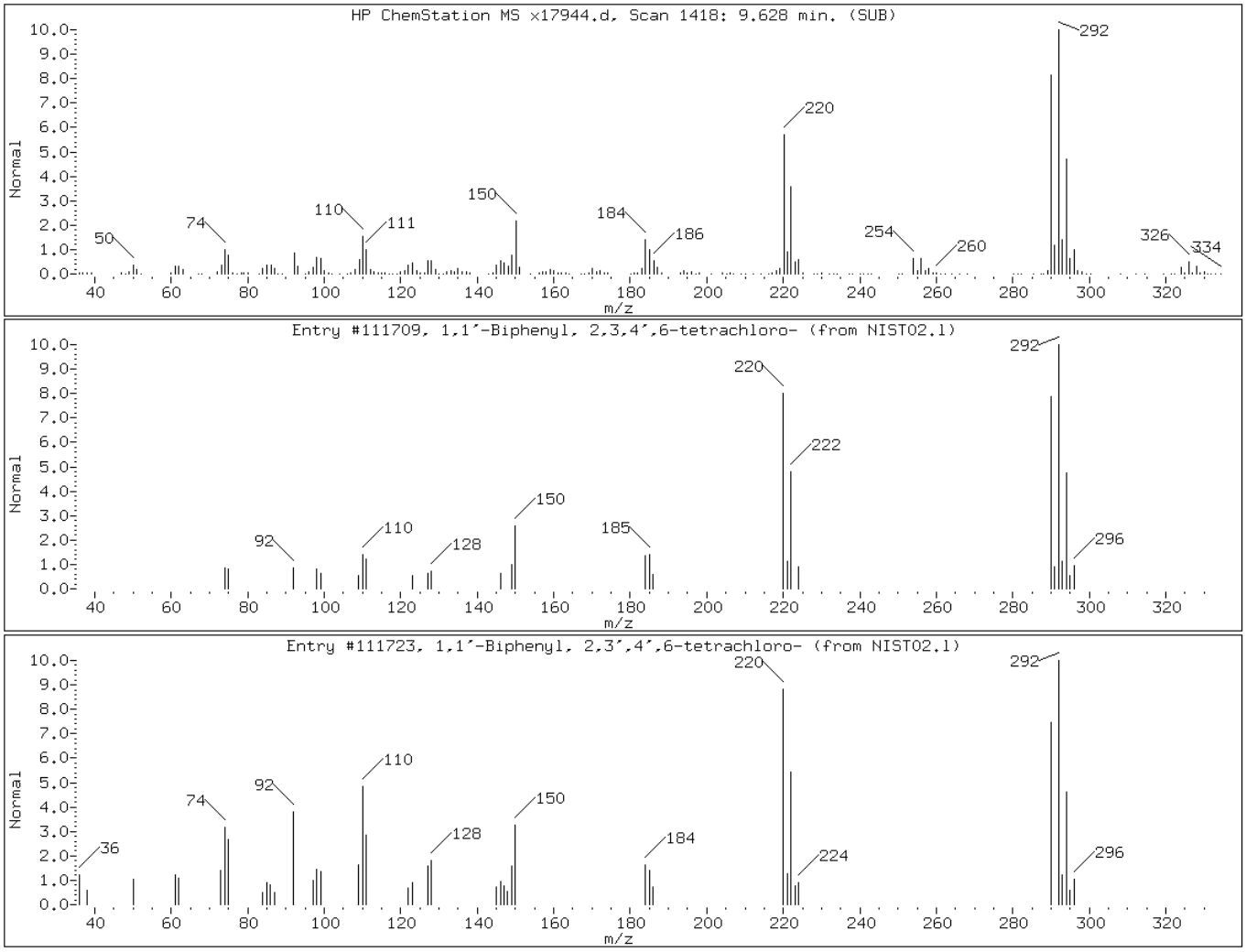
Date: 21-SEP-2011 13:37

Client ID: PMP-4-VS-S (0.5-1.0 Instrument: BNAMS5.i

Sample Info: 460-30837-F-27-C Operator: BNAMS 4

Retention Time: 9.63

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-13						
1,1'-Biphenyl, 2,3,4',6-tetrachlor	52663-58-8	NIST02.l	111709	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3',4',6-tetrachlo	41464-46-4	NIST02.l	111723	99	C12H6Cl4	290



Data File: x17944.d

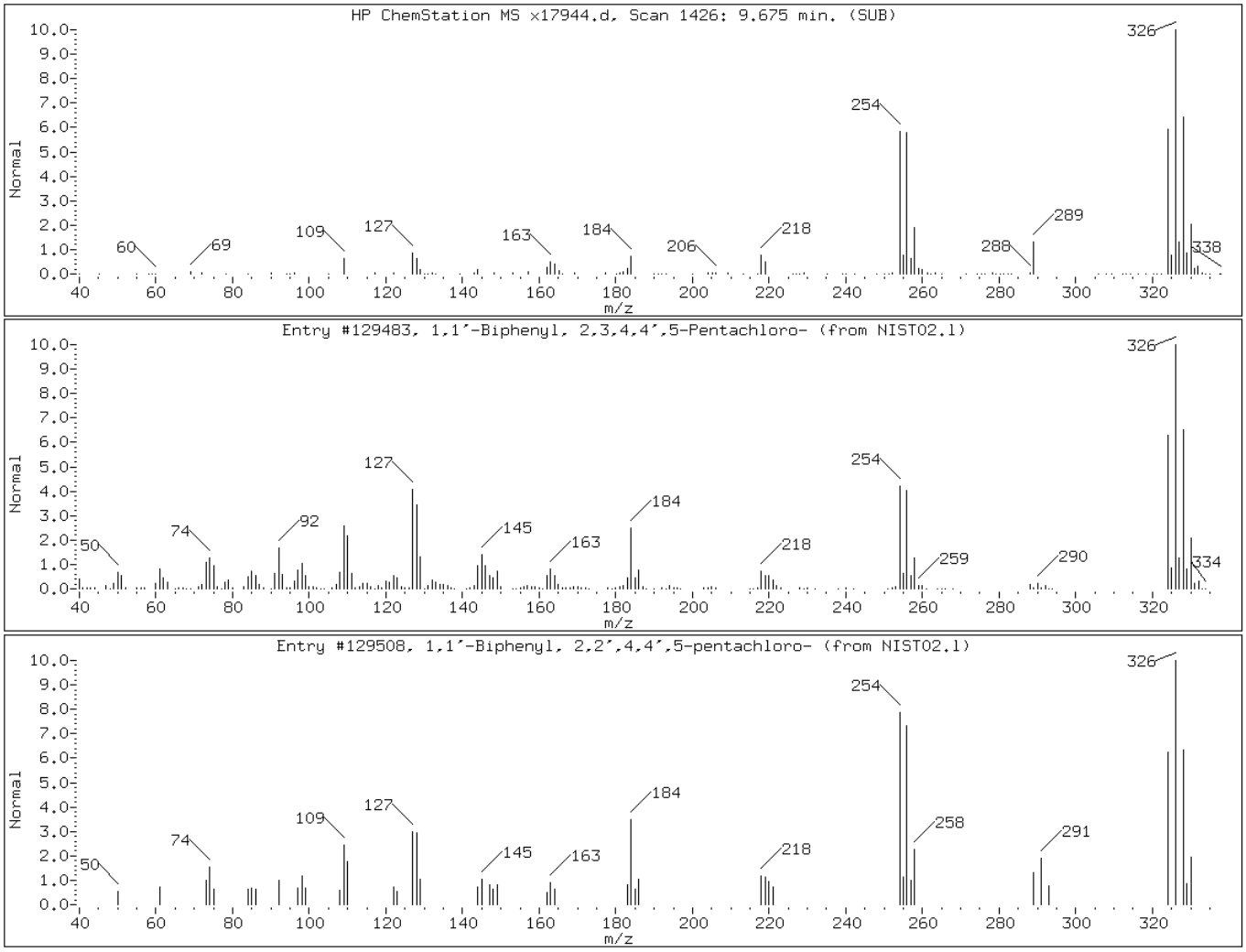
Date: 21-SEP-2011 13:37

Client ID: PMP-4-VS-S (0.5-1.0 Instrument: BNAMS5.i

Sample Info: 460-30837-F-27-C Operator: BNAMS 4

Retention Time: 9.67

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-Pentachl	74472-37-0	NIST02.l	129483	95	C12H5Cl5	324
1,1'-Biphenyl, 2,2',4,4',5-pentach	38380-01-7	NIST02.l	129508	95	C12H5Cl5	324



Data File: x17944.d

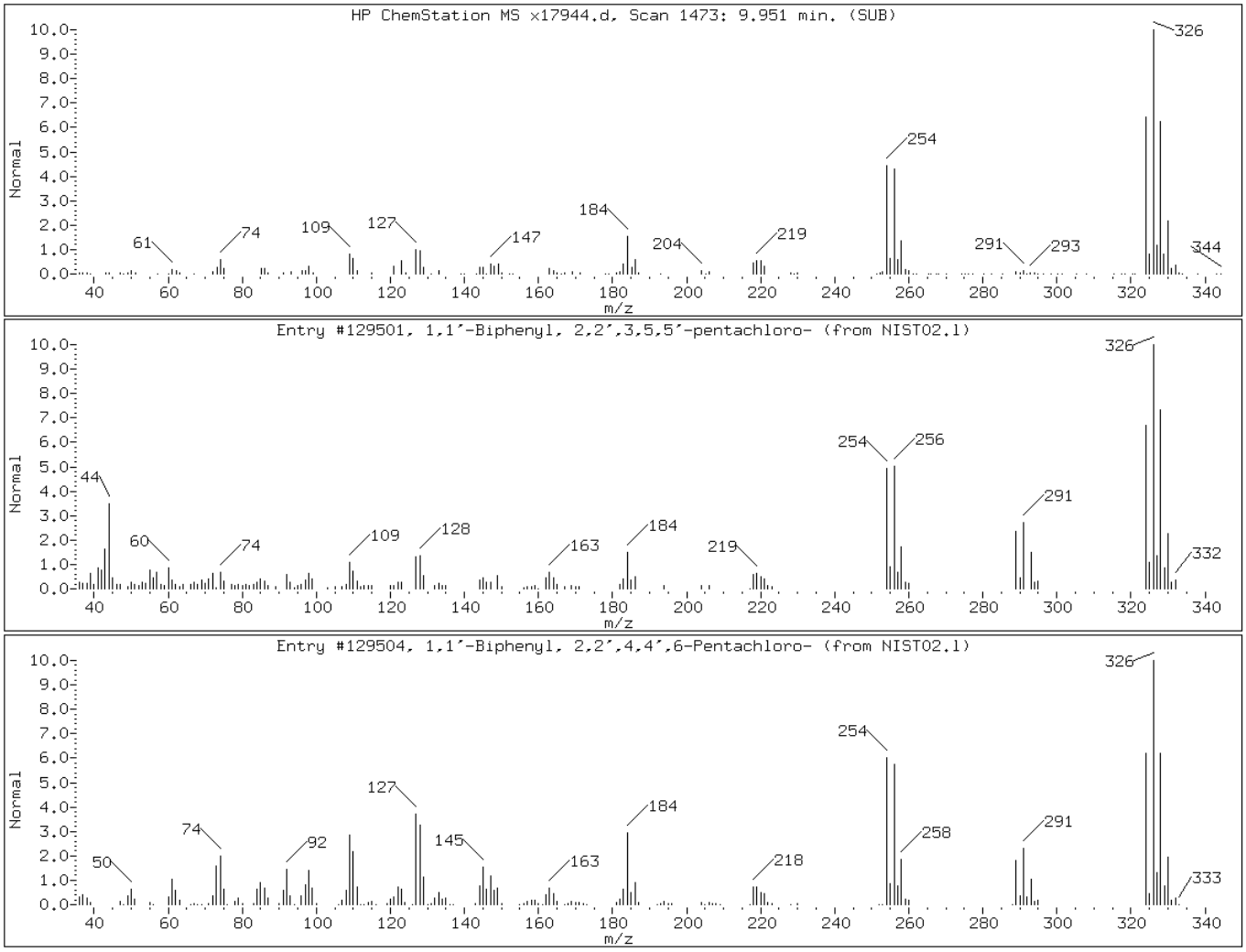
Date: 21-SEP-2011 13:37

Client ID: PMP-4-VS-S (0.5-1.0 Instrument: BNAMS5.i

Sample Info: 460-30837-F-27-C Operator: BNAMS 4

Retention Time: 9.95

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Pentachloro-1,1'-biphenyl isomer-2						
1,1'-Biphenyl, 2,2',3,5,5'-pentach	52663-61-3	NIST02.l	129501	99	C12H5Cl5	324
1,1'-Biphenyl, 2,2',4,4',6-Pentach	39485-83-1	NIST02.l	129504	99	C12H5Cl5	324



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-4-VD-S (2.5-3.0) | Lab Sample ID: 460-30837-28

Matrix: Solid | Lab File ID: u70292.d

Analysis Method: 8270C | Date Collected: 09/09/2011 10:35

Extract. Method: 3541 | Date Extracted: 09/19/2011 12:00

Sample wt/vol: 15.01(g) | Date Analyzed: 09/21/2011 04:32

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86807 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	340	U	340	42
95-57-8	2-Chlorophenol	340	U	340	46
95-48-7	2-Methylphenol	340	U	340	50
106-44-5	4-Methylphenol	340	U	340	56
100-52-7	Benzaldehyde	340	U	340	22
98-86-2	Acetophenone	340	U	340	51
111-44-4	Bis(2-chloroethyl)ether	34	U	34	7.2
108-60-1	2,2'-oxybis[1-chloropropane]	340	U	340	45
621-64-7	N-Nitrosodi-n-propylamine	34	U	34	4.5
98-95-3	Nitrobenzene	34	U	34	7.7
67-72-1	Hexachloroethane	34	U	34	5.8
78-59-1	Isophorone	340	U	340	40
88-75-5	2-Nitrophenol	340	U	340	57
105-67-9	2,4-Dimethylphenol	340	U	340	55
120-83-2	2,4-Dichlorophenol	340	U	340	55
111-91-1	Bis(2-chloroethoxy)methane	340	U	340	49
91-20-3	Naphthalene	340	U	340	50
106-47-8	4-Chloroaniline	340	U	340	43
87-68-3	Hexachlorobutadiene	70	U	70	14
105-60-2	Caprolactam	340	U	340	47
59-50-7	4-Chloro-3-methylphenol	340	U	340	58
91-57-6	2-Methylnaphthalene	340	U	340	50
118-74-1	Hexachlorobenzene	34	U	34	4.8
77-47-4	Hexachlorocyclopentadiene	340	U	340	100
88-06-2	2,4,6-Trichlorophenol	340	U	340	62
95-95-4	2,4,5-Trichlorophenol	340	U	340	66
92-52-4	Diphenyl	340	U	340	57
91-58-7	2-Chloronaphthalene	340	U	340	49
88-74-4	2-Nitroaniline	700	U	700	94
606-20-2	2,6-Dinitrotoluene	70	U	70	8.8
131-11-3	Dimethyl phthalate	340	U	340	47
208-96-8	Acenaphthylene	340	U	340	49
99-09-2	3-Nitroaniline	700	U	700	78
83-32-9	Acenaphthene	340	U	340	49

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-4-VD-S (2.5-3.0) | Lab Sample ID: 460-30837-28

Matrix: Solid | Lab File ID: u70292.d

Analysis Method: 8270C | Date Collected: 09/09/2011 10:35

Extract. Method: 3541 | Date Extracted: 09/19/2011 12:00

Sample wt/vol: 15.01(g) | Date Analyzed: 09/21/2011 04:32

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86807 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1000	U	1000	88
51-28-5	2,4-Dinitrophenol	1000	U	1000	73
132-64-9	Dibenzofuran	340	U	340	52
84-66-2	Diethyl phthalate	340	U	340	46
86-73-7	Fluorene	340	U	340	58
206-44-0	Fluoranthene	340	U	340	57
84-74-2	Di-n-butyl phthalate	340	U	340	53
121-14-2	2,4-Dinitrotoluene	70	U	70	10
7005-72-3	4-Chlorophenyl phenyl ether	340	U	340	59
100-01-6	4-Nitroaniline	700	U	700	71
534-52-1	4,6-Dinitro-2-methylphenol	1000	U	1000	160
101-55-3	4-Bromophenyl phenyl ether	340	U	340	61
1912-24-9	Atrazine	340	U	340	64
120-12-7	Anthracene	340	U	340	61
86-74-8	Carbazole	340	U	340	55
85-01-8	Phenanthrene	340	U	340	60
87-86-5	Pentachlorophenol	1000	U	1000	170
129-00-0	Pyrene	340	U	340	60
218-01-9	Chrysene	340	U	340	50
207-08-9	Benzo[k]fluoranthene	34	U	34	4.8
191-24-2	Benzo[g,h,i]perylene	340	U	340	36
205-99-2	Benzo[b]fluoranthene	34	U	34	5.1
50-32-8	Benzo[a]pyrene	34	U	34	4.2
56-55-3	Benzo[a]anthracene	34	U	34	6.4
86-30-6	N-Nitrosodiphenylamine	340	U	340	56
85-68-7	Butyl benzyl phthalate	340	U	340	40
117-81-7	Bis(2-ethylhexyl) phthalate	340	U	340	46
117-84-0	Di-n-octyl phthalate	340	U	340	41
193-39-5	Indeno[1,2,3-cd]pyrene	34	U	34	5.5
53-70-3	Dibenz(a,h)anthracene	34	U	34	4.1
91-94-1	3,3'-Dichlorobenzidine	700	U	700	76
95-94-3	1,2,4,5-Tetrachlorobenzene	340	U *	340	46
58-90-2	2,3,4,6-Tetrachlorophenol	340	U	340	69

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-4-VD-S (2.5-3.0) Lab Sample ID: 460-30837-28

Matrix: Solid Lab File ID: u70292.d

Analysis Method: 8270C Date Collected: 09/09/2011 10:35

Extract. Method: 3541 Date Extracted: 09/19/2011 12:00

Sample wt/vol: 15.01(g) Date Analyzed: 09/21/2011 04:32

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 4.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86807 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	56		38-105
4165-62-2	Phenol-d5	62		41-118
1718-51-0	Terphenyl-d14	61		16-151
118-79-6	2,4,6-Tribromophenol	55		10-120
367-12-4	2-Fluorophenol	53		37-125
321-60-8	2-Fluorobiphenyl	55		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-4-VD-S (2.5-3.0) Lab Sample ID: 460-30837-28

Matrix: Solid Lab File ID: u70292.d

Analysis Method: 8270C Date Collected: 09/09/2011 10:35

Extract. Method: 3541 Date Extracted: 09/19/2011 12:00

Sample wt/vol: 15.01(g) Date Analyzed: 09/21/2011 04:32

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 4.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86807 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/09-20-11/20sep11a.b/u70292.d
Report Date: 21-Sep-2011 09:40

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/u70292.d
Lab Smp Id: 460-30837-F-28-E Client Smp ID: PMP-4-VD-S (2.5-3.0
Inj Date : 21-SEP-2011 04:32
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-30837-F-28-E
Misc Info : 460-30837-F-28-E
Comment   :
Method   : /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/8270C_08SP.m
Meth Date : 21-Sep-2011 00:28 asfawa Quant Type: ISTD
Cal Date : 20-SEP-2011 14:32 Cal File: u70276.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	15.01000	Weight of sample extracted (g)
M	4.00729	% 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	2.408	2.382	(0.666)	479845	53.3101	3700
$ 17 Phenol-d5 (SUR)	99	3.299	3.312	(0.913)	835989	62.2574	4300
* 79 1,4-Dichlorobenzene-d4	152	3.614	3.622	(1.000)	250089	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.186	4.211	(0.853)	354506	28.2062	2000
* 80 Naphthalene-d8	136	4.907	4.921	(1.000)	830362	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.008	6.019	(0.902)	502157	27.6381	1900
* 82 Acenaphthene-d10	164	6.662	6.671	(1.000)	599787	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.437	7.450	(1.116)	186992	55.3488	3800
* 83 Phenanthrene-d10	188	8.110	8.114	(1.000)	910243	40.0000	
$ 78 Terphenyl-d14	244	9.676	9.680	(0.902)	684260	30.4140	2100
* 81 Chrysene-d12	240	10.727	10.734	(1.000)	683968	40.0000	
* 84 Perylene-d12	264	12.441	12.445	(1.000)	402257	40.0000	

Data File: /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/u70292.d
Report Date: 21-Sep-2011 09:40

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/u70292.d
Lab Smp Id: 460-30837-F-28-E Client Smp ID: PMP-4-VD-S (2.5-3.0
Inj Date : 21-SEP-2011 04:32
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-30837-F-28-E
Misc Info : 460-30837-F-28-E
Comment   :
Method   : /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/8270C_08SP.m
Meth Date : 21-Sep-2011 00:28 asfawa Quant Type: ISTD
Cal Date : 20-SEP-2011 14:32 Cal File: u70276.d
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

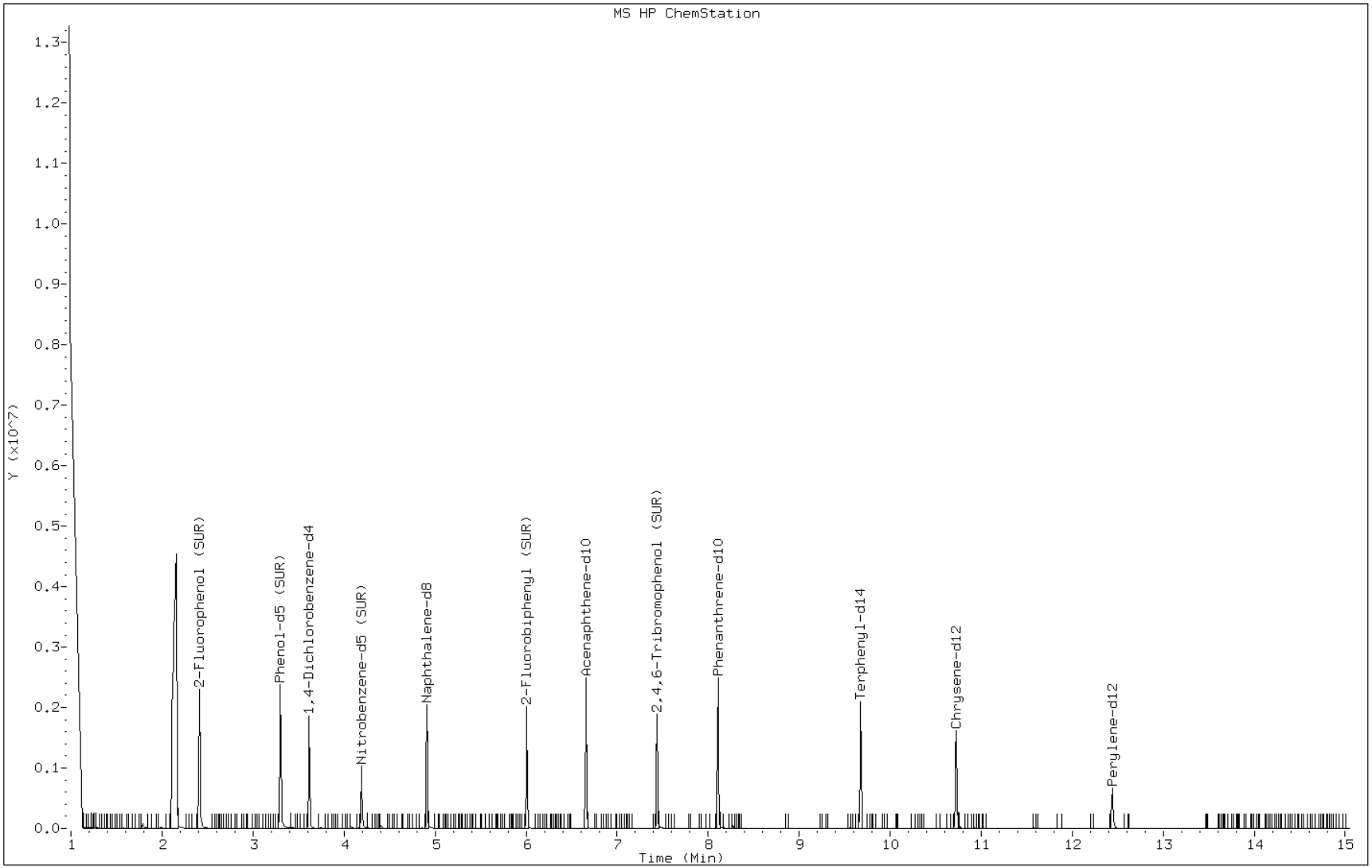
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: u70292.d

Date: 21-SEP-2011 04:32

Client ID: PMP-4-VD-S (2.5-3.0 Instrument: BNAMS4.i

Sample Info: 460-30837-F-28-E Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-4-WT-S (7.0-7.5) | Lab Sample ID: 460-30837-29

Matrix: Solid | Lab File ID: u70293.d

Analysis Method: 8270C | Date Collected: 09/09/2011 10:40

Extract. Method: 3541 | Date Extracted: 09/19/2011 12:00

Sample wt/vol: 15.01(g) | Date Analyzed: 09/21/2011 04:51

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86807 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	380	U	380	46
95-57-8	2-Chlorophenol	380	U	380	51
95-48-7	2-Methylphenol	380	U	380	55
106-44-5	4-Methylphenol	380	U	380	62
100-52-7	Benzaldehyde	380	U	380	24
98-86-2	Acetophenone	380	U	380	56
111-44-4	Bis(2-chloroethyl)ether	38	U	38	7.9
108-60-1	2,2'-oxybis[1-chloropropane]	380	U	380	50
621-64-7	N-Nitrosodi-n-propylamine	38	U	38	5.0
98-95-3	Nitrobenzene	38	U	38	8.5
67-72-1	Hexachloroethane	38	U	38	6.4
78-59-1	Isophorone	380	U	380	44
88-75-5	2-Nitrophenol	380	U	380	62
105-67-9	2,4-Dimethylphenol	380	U	380	61
120-83-2	2,4-Dichlorophenol	380	U	380	61
111-91-1	Bis(2-chloroethoxy)methane	380	U	380	54
91-20-3	Naphthalene	380	U	380	56
106-47-8	4-Chloroaniline	380	U	380	48
87-68-3	Hexachlorobutadiene	77	U	77	15
105-60-2	Caprolactam	380	U	380	52
59-50-7	4-Chloro-3-methylphenol	380	U	380	64
91-57-6	2-Methylnaphthalene	380	U	380	55
118-74-1	Hexachlorobenzene	38	U	38	5.3
77-47-4	Hexachlorocyclopentadiene	380	U	380	110
88-06-2	2,4,6-Trichlorophenol	380	U	380	68
95-95-4	2,4,5-Trichlorophenol	380	U	380	73
92-52-4	Diphenyl	380	U	380	63
91-58-7	2-Chloronaphthalene	380	U	380	54
88-74-4	2-Nitroaniline	770	U	770	100
606-20-2	2,6-Dinitrotoluene	77	U	77	9.6
131-11-3	Dimethyl phthalate	380	U	380	51
208-96-8	Acenaphthylene	380	U	380	54
99-09-2	3-Nitroaniline	770	U	770	86
83-32-9	Acenaphthene	380	U	380	54

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-4-WT-S (7.0-7.5) | Lab Sample ID: 460-30837-29

Matrix: Solid | Lab File ID: u70293.d

Analysis Method: 8270C | Date Collected: 09/09/2011 10:40

Extract. Method: 3541 | Date Extracted: 09/19/2011 12:00

Sample wt/vol: 15.01(g) | Date Analyzed: 09/21/2011 04:51

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86807 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1100	U	1100	98
51-28-5	2,4-Dinitrophenol	1100	U	1100	81
132-64-9	Dibenzofuran	380	U	380	57
84-66-2	Diethyl phthalate	380	U	380	51
86-73-7	Fluorene	380	U	380	64
206-44-0	Fluoranthene	380	U	380	63
84-74-2	Di-n-butyl phthalate	380	U	380	58
121-14-2	2,4-Dinitrotoluene	77	U	77	11
7005-72-3	4-Chlorophenyl phenyl ether	380	U	380	65
100-01-6	4-Nitroaniline	770	U	770	78
534-52-1	4,6-Dinitro-2-methylphenol	1100	U	1100	180
101-55-3	4-Bromophenyl phenyl ether	380	U	380	68
1912-24-9	Atrazine	380	U	380	71
120-12-7	Anthracene	380	U	380	67
86-74-8	Carbazole	380	U	380	60
85-01-8	Phenanthrene	380	U	380	66
87-86-5	Pentachlorophenol	1100	U	1100	190
129-00-0	Pyrene	380	U	380	66
218-01-9	Chrysene	380	U	380	55
207-08-9	Benzo[k]fluoranthene	38	U	38	5.3
191-24-2	Benzo[g,h,i]perylene	380	U	380	40
205-99-2	Benzo[b]fluoranthene	38	U	38	5.6
50-32-8	Benzo[a]pyrene	38	U	38	4.7
56-55-3	Benzo[a]anthracene	38	U	38	7.0
86-30-6	N-Nitrosodiphenylamine	380	U	380	62
85-68-7	Butyl benzyl phthalate	380	U	380	44
117-81-7	Bis(2-ethylhexyl) phthalate	380	U	380	50
117-84-0	Di-n-octyl phthalate	380	U	380	45
193-39-5	Indeno[1,2,3-cd]pyrene	38	U	38	6.1
53-70-3	Dibenz(a,h)anthracene	38	U	38	4.6
91-94-1	3,3'-Dichlorobenzidine	770	U	770	84
95-94-3	1,2,4,5-Tetrachlorobenzene	380	U *	380	51
58-90-2	2,3,4,6-Tetrachlorophenol	380	U	380	76

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-4-WT-S (7.0-7.5) Lab Sample ID: 460-30837-29

Matrix: Solid Lab File ID: u70293.d

Analysis Method: 8270C Date Collected: 09/09/2011 10:40

Extract. Method: 3541 Date Extracted: 09/19/2011 12:00

Sample wt/vol: 15.01(g) Date Analyzed: 09/21/2011 04:51

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 12.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86807 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	52		38-105
4165-62-2	Phenol-d5	60		41-118
1718-51-0	Terphenyl-d14	65		16-151
118-79-6	2,4,6-Tribromophenol	54		10-120
367-12-4	2-Fluorophenol	53		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.: 460-30837-1

SDG No.:

Client Sample ID: PMP-4-WT-S (7.0-7.5) | Lab Sample ID: 460-30837-29

Matrix: Solid | Lab File ID: u70293.d

Analysis Method: 8270C | Date Collected: 09/09/2011 10:40

Extract. Method: 3541 | Date Extracted: 09/19/2011 12:00

Sample wt/vol: 15.01(g) | Date Analyzed: 09/21/2011 04:51

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86807 | 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/09-20-11/20sep11a.b/u70293.d
Report Date: 21-Sep-2011 09:41

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/u70293.d
Lab Smp Id: 460-30837-F-29-E Client Smp ID: PMP-4-WT-S (7.0-7.5
Inj Date : 21-SEP-2011 04:51
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-30837-F-29-E
Misc Info : 460-30837-F-29-E
Comment   :
Method   : /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/8270C_08SP.m
Meth Date : 21-Sep-2011 00:28 asfawa Quant Type: ISTD
Cal Date : 20-SEP-2011 14:32 Cal File: u70276.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	15.01000	Weight of sample extracted (g)
M	12.88014	% 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	2.412	2.382	(0.668)	476661	52.7724	4000
$ 17 Phenol-d5 (SUR)	99	3.296	3.312	(0.913)	806915	59.8834	4600
* 79 1,4-Dichlorobenzene-d4	152	3.612	3.622	(1.000)	250961	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.192	4.211	(0.853)	338456	26.1108	2000
* 80 Naphthalene-d8	136	4.912	4.921	(1.000)	856390	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.008	6.019	(0.903)	476651	24.9663	1900
* 82 Acenaphthene-d10	164	6.657	6.671	(1.000)	630251	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.436	7.450	(1.117)	190307	53.6073	4100
* 83 Phenanthrene-d10	188	8.111	8.114	(1.000)	863985	40.0000	
$ 78 Terphenyl-d14	244	9.677	9.680	(0.902)	701660	32.3683	2500
* 81 Chrysene-d12	240	10.726	10.734	(1.000)	659015	40.0000	
* 84 Perylene-d12	264	12.440	12.445	(1.000)	359341	40.0000	

Data File: /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/u70293.d
Report Date: 21-Sep-2011 09:41

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/u70293.d
Lab Smp Id: 460-30837-F-29-E Client Smp ID: PMP-4-WT-S (7.0-7.5
Inj Date : 21-SEP-2011 04:51
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-30837-F-29-E
Misc Info : 460-30837-F-29-E
Comment   :
Method   : /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/8270C_08SP.m
Meth Date : 21-Sep-2011 00:28 asfawa Quant Type: ISTD
Cal Date : 20-SEP-2011 14:32 Cal File: u70276.d
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

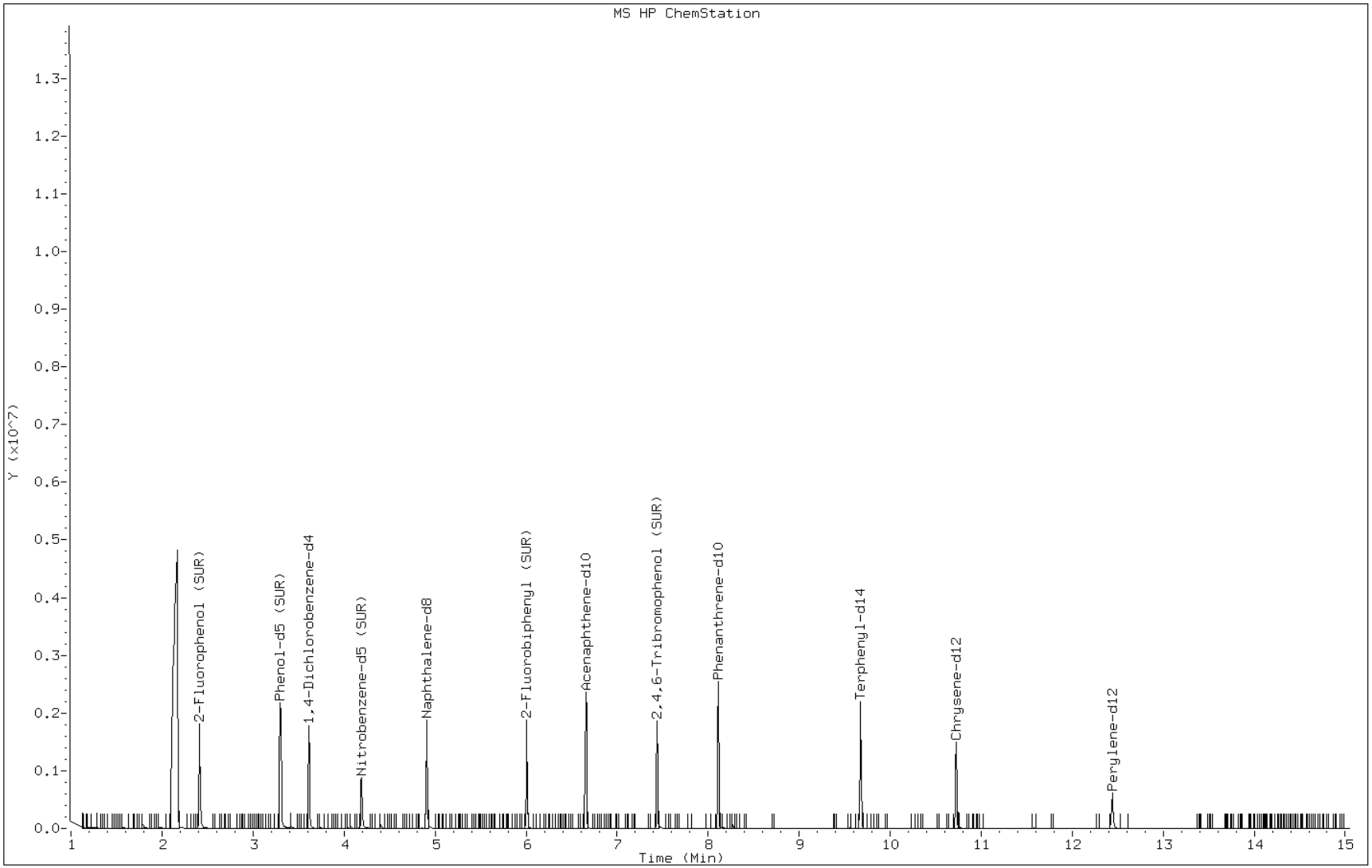
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: u70293.d

Date: 21-SEP-2011 04:51

Client ID: PMP-4-WT-S (7.0-7.5 Instrument: BNAMS4.i

Sample Info: 460-30837-F-29-E Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: FB_090811 | Lab Sample ID: 460-30837-30

Matrix: Water | Lab File ID: z19818.d

Analysis Method: 8270C | Date Collected: 09/08/2011 14:00

Extract. Method: 3510C | Date Extracted: 09/13/2011 07:53

Sample wt/vol: 1000(mL) | Date Analyzed: 09/14/2011 08:25

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.: 86052 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	10	U	10	0.81
95-57-8	2-Chlorophenol	10	U	10	2.2
95-48-7	2-Methylphenol	10	U	10	1.8
106-44-5	4-Methylphenol	10	U	10	1.6
100-52-7	Benzaldehyde	10	U *	10	2.0
98-86-2	Acetophenone	10	U	10	2.7
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.28
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	2.0
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.25
98-95-3	Nitrobenzene	1.0	U	1.0	0.30
67-72-1	Hexachloroethane	1.0	U	1.0	0.25
78-59-1	Isophorone	10	U	10	2.7
88-75-5	2-Nitrophenol	10	U	10	2.4
105-67-9	2,4-Dimethylphenol	10	U	10	3.4
120-83-2	2,4-Dichlorophenol	10	U	10	2.6
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	2.6
91-20-3	Naphthalene	10	U	10	2.7
106-47-8	4-Chloroaniline	10	U	10	2.0
87-68-3	Hexachlorobutadiene	2.0	U	2.0	0.57
105-60-2	Caprolactam	10	U	10	2.5
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.5
91-57-6	2-Methylnaphthalene	10	U	10	3.0
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.29
77-47-4	Hexachlorocyclopentadiene	10	U	10	1.7
88-06-2	2,4,6-Trichlorophenol	10	U	10	2.4
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.6
92-52-4	Diphenyl	10	U	10	2.8
91-58-7	2-Chloronaphthalene	10	U	10	2.7
88-74-4	2-Nitroaniline	20	U	20	4.9
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.61
131-11-3	Dimethyl phthalate	10	U	10	2.8
208-96-8	Acenaphthylene	10	U	10	2.7
99-09-2	3-Nitroaniline	20	U	20	5.0
83-32-9	Acenaphthene	10	U	10	2.7

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: FB_090811 | Lab Sample ID: 460-30837-30

Matrix: Water | Lab File ID: z19818.d

Analysis Method: 8270C | Date Collected: 09/08/2011 14:00

Extract. Method: 3510C | Date Extracted: 09/13/2011 07:53

Sample wt/vol: 1000(mL) | Date Analyzed: 09/14/2011 08:25

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.: 86052 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	30	U	30	6.7
51-28-5	2,4-Dinitrophenol	30	U	30	5.4
132-64-9	Dibenzofuran	10	U	10	2.8
84-66-2	Diethyl phthalate	10	U	10	2.9
86-73-7	Fluorene	10	U	10	2.8
206-44-0	Fluoranthene	10	U	10	3.2
84-74-2	Di-n-butyl phthalate	10	U	10	2.9
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.47
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	2.5
100-01-6	4-Nitroaniline	20	U	20	5.8
534-52-1	4,6-Dinitro-2-methylphenol	30	U	30	4.7
101-55-3	4-Bromophenyl phenyl ether	10	U	10	2.5
1912-24-9	Atrazine	10	U	10	3.0
120-12-7	Anthracene	10	U	10	2.8
86-74-8	Carbazole	10	U	10	3.2
85-01-8	Phenanthrene	10	U	10	3.1
87-86-5	Pentachlorophenol	30	U	30	5.3
129-00-0	Pyrene	10	U	10	2.9
218-01-9	Chrysene	10	U	10	3.1
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.26
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.0
205-99-2	Benzo[b]fluoranthene	1.0	U	1.0	0.26
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.14
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.27
86-30-6	N-Nitrosodiphenylamine	10	U	10	2.9
85-68-7	Butyl benzyl phthalate	10	U	10	2.5
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.0
117-84-0	Di-n-octyl phthalate	10	U	10	1.5
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.15
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.090
91-94-1	3,3'-Dichlorobenzidine	20	U	20	4.9
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U	10	2.6
58-90-2	2,3,4,6-Tetrachlorophenol	10	U	10	2.5

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: FB_090811 | Lab Sample ID: 460-30837-30

Matrix: Water | Lab File ID: z19818.d

Analysis Method: 8270C | Date Collected: 09/08/2011 14:00

Extract. Method: 3510C | Date Extracted: 09/13/2011 07:53

Sample wt/vol: 1000(mL) | Date Analyzed: 09/14/2011 08:25

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.: 86052 | 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/BNAMS11.i/8270/09-13-11/14sep11a.b/z19818.d
Report Date: 14-Sep-2011 12:52

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-13-11/14sep11a.b/z19818.d
Lab Smp Id: 460-30837-E-30-A Client Smp ID: FB_090811
Inj Date : 14-SEP-2011 08:25
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-30837-E-30-A
Misc Info : 460-30837-E-30-A
Comment   :
Method   : /chem/BNAMS11.i/8270/09-13-11/14sep11a.b/8270C_08SP.m
Meth Date : 14-Sep-2011 03:12 asfawa Quant Type: ISTD
Cal Date : 13-SEP-2011 14:23 Cal File: z19792.d
Als bottle: 15
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	2.832	2.832	(0.689)	267507	16.4710	33
110 Benzaldehyde	77	3.661	3.667	(0.891)	805	0.16186	0.32(a)
$ 17 Phenol-d5 (SUR)	99	3.744	3.767	(0.911)	185070	10.8476	22
* 79 1,4-Dichlorobenzene-d4	152	4.108	4.114	(1.000)	428031	40.0000	
104 Acetophenone	105	4.508	4.532	(1.097)	2488	0.14179	0.28(a)
$ 76 Nitrobenzene-d5 (SUR)	82	4.667	4.679	(0.866)	621570	38.6321	77
* 80 Naphthalene-d8	136	5.391	5.396	(1.000)	1485282	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.479	6.485	(0.907)	923127	37.9558	76
* 82 Acenaphthene-d10	164	7.143	7.149	(1.000)	642776	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.920	7.926	(1.109)	133804	47.0488	94
* 83 Phenanthrene-d10	188	8.602	8.602	(1.000)	807657	40.0000	
$ 78 Terphenyl-d14	244	10.167	10.167	(0.900)	510663	44.6452	89
* 81 Chrysene-d12	240	11.302	11.308	(1.000)	399488	40.0000	
* 84 Perylene-d12	264	13.161	13.161	(1.000)	285031	40.0000	

Data File: /chem/BNAMS11.i/8270/09-13-11/14sep11a.b/z19818.d
Report Date: 14-Sep-2011 12:52

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS11.i/8270/09-13-11/14sep11a.b/z19818.d
Report Date: 14-Sep-2011 12:52

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-13-11/14sep11a.b/z19818.d
Lab Smp Id: 460-30837-E-30-A Client Smp ID: FB_090811
Inj Date : 14-SEP-2011 08:25
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-30837-E-30-A
Misc Info : 460-30837-E-30-A
Comment   :
Method   : /chem/BNAMS11.i/8270/09-13-11/14sep11a.b/8270C_08SP.m
Meth Date : 14-Sep-2011 03:12 asfawa Quant Type: ISTD
Cal Date : 13-SEP-2011 14:23 Cal File: z19792.d
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-h20.sub
Target Version: 3.50
Processing Host: hpd1

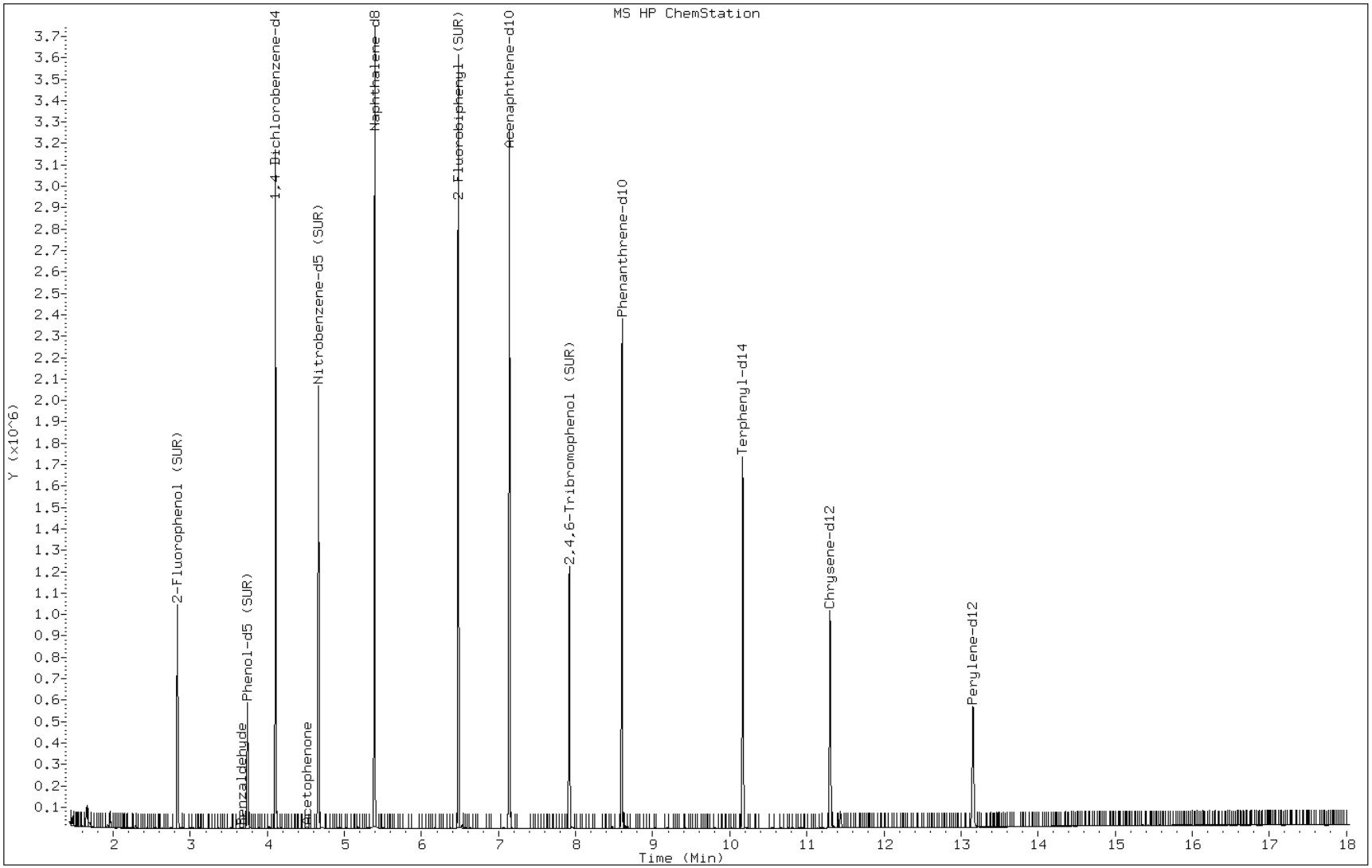
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: z19818.d

Date: 14-SEP-2011 08:25

Client ID: FB_090811 Instrument: BNAMS11.i

Sample Info: 460-30837-E-30-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: FB_090911 | Lab Sample ID: 460-30837-31

Matrix: Water | Lab File ID: z19819.d

Analysis Method: 8270C | Date Collected: 09/09/2011 07:45

Extract. Method: 3510C | Date Extracted: 09/13/2011 07:53

Sample wt/vol: 1000(mL) | Date Analyzed: 09/14/2011 08:50

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.: 86052 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	10	U	10	0.81
95-57-8	2-Chlorophenol	10	U	10	2.2
95-48-7	2-Methylphenol	10	U	10	1.8
106-44-5	4-Methylphenol	10	U	10	1.6
100-52-7	Benzaldehyde	10	U *	10	2.0
98-86-2	Acetophenone	10	U	10	2.7
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.28
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	2.0
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.25
98-95-3	Nitrobenzene	1.0	U	1.0	0.30
67-72-1	Hexachloroethane	1.0	U	1.0	0.25
78-59-1	Isophorone	10	U	10	2.7
88-75-5	2-Nitrophenol	10	U	10	2.4
105-67-9	2,4-Dimethylphenol	10	U	10	3.4
120-83-2	2,4-Dichlorophenol	10	U	10	2.6
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	2.6
91-20-3	Naphthalene	10	U	10	2.7
106-47-8	4-Chloroaniline	10	U	10	2.0
87-68-3	Hexachlorobutadiene	2.0	U	2.0	0.57
105-60-2	Caprolactam	10	U	10	2.5
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.5
91-57-6	2-Methylnaphthalene	10	U	10	3.0
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.29
77-47-4	Hexachlorocyclopentadiene	10	U	10	1.7
88-06-2	2,4,6-Trichlorophenol	10	U	10	2.4
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.6
92-52-4	Diphenyl	10	U	10	2.8
91-58-7	2-Chloronaphthalene	10	U	10	2.7
88-74-4	2-Nitroaniline	20	U	20	4.9
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.61
131-11-3	Dimethyl phthalate	10	U	10	2.8
208-96-8	Acenaphthylene	10	U	10	2.7
99-09-2	3-Nitroaniline	20	U	20	5.0
83-32-9	Acenaphthene	10	U	10	2.7

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: FB_090911 | Lab Sample ID: 460-30837-31

Matrix: Water | Lab File ID: z19819.d

Analysis Method: 8270C | Date Collected: 09/09/2011 07:45

Extract. Method: 3510C | Date Extracted: 09/13/2011 07:53

Sample wt/vol: 1000(mL) | Date Analyzed: 09/14/2011 08:50

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.: 86052 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	30	U	30	6.7
51-28-5	2,4-Dinitrophenol	30	U	30	5.4
132-64-9	Dibenzofuran	10	U	10	2.8
84-66-2	Diethyl phthalate	10	U	10	2.9
86-73-7	Fluorene	10	U	10	2.8
206-44-0	Fluoranthene	10	U	10	3.2
84-74-2	Di-n-butyl phthalate	10	U	10	2.9
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.47
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	2.5
100-01-6	4-Nitroaniline	20	U	20	5.8
534-52-1	4,6-Dinitro-2-methylphenol	30	U	30	4.7
101-55-3	4-Bromophenyl phenyl ether	10	U	10	2.5
1912-24-9	Atrazine	10	U	10	3.0
120-12-7	Anthracene	10	U	10	2.8
86-74-8	Carbazole	10	U	10	3.2
85-01-8	Phenanthrene	10	U	10	3.1
87-86-5	Pentachlorophenol	30	U	30	5.3
129-00-0	Pyrene	10	U	10	2.9
218-01-9	Chrysene	10	U	10	3.1
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.26
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.0
205-99-2	Benzo[b]fluoranthene	1.0	U	1.0	0.26
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.14
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.27
86-30-6	N-Nitrosodiphenylamine	10	U	10	2.9
85-68-7	Butyl benzyl phthalate	10	U	10	2.5
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.0
117-84-0	Di-n-octyl phthalate	10	U	10	1.5
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.15
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.090
91-94-1	3,3'-Dichlorobenzidine	20	U	20	4.9
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U	10	2.6
58-90-2	2,3,4,6-Tetrachlorophenol	10	U	10	2.5

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: FB_090911 | Lab Sample ID: 460-30837-31

Matrix: Water | Lab File ID: z19819.d

Analysis Method: 8270C | Date Collected: 09/09/2011 07:45

Extract. Method: 3510C | Date Extracted: 09/13/2011 07:53

Sample wt/vol: 1000(mL) | Date Analyzed: 09/14/2011 08:50

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.: 86052 | 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/BNAMS11.i/8270/09-13-11/14sep11a.b/z19819.d
Report Date: 14-Sep-2011 12:53

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-13-11/14sep11a.b/z19819.d
Lab Smp Id: 460-30837-E-31-A Client Smp ID: FB_090911
Inj Date : 14-SEP-2011 08:50
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-30837-E-31-A
Misc Info : 460-30837-E-31-A
Comment   :
Method   : /chem/BNAMS11.i/8270/09-13-11/14sep11a.b/8270C_08SP.m
Meth Date : 14-Sep-2011 03:12 asfawa Quant Type: ISTD
Cal Date : 13-SEP-2011 14:23 Cal File: z19792.d
Als bottle: 16
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	2.832	2.832	(0.689)	274264	16.5600	33
110 Benzaldehyde	77	3.667	3.667	(0.893)	604	0.11909	0.24(a)
$ 17 Phenol-d5 (SUR)	99	3.744	3.767	(0.911)	180019	10.3472	21
* 79 1,4-Dichlorobenzene-d4	152	4.108	4.114	(1.000)	436483	40.0000	
104 Acetophenone	105	4.508	4.532	(1.097)	2209	0.12346	0.25(a)
$ 76 Nitrobenzene-d5 (SUR)	82	4.667	4.679	(0.866)	645868	38.4418	77
* 80 Naphthalene-d8	136	5.391	5.396	(1.000)	1550984	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.479	6.485	(0.907)	993073	38.2566	76
* 82 Acenaphthene-d10	164	7.143	7.149	(1.000)	686042	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.920	7.926	(1.109)	143976	47.4328	95
* 83 Phenanthrene-d10	188	8.602	8.602	(1.000)	863440	40.0000	
$ 78 Terphenyl-d14	244	10.173	10.167	(0.900)	516952	45.2851	90
* 81 Chrysene-d12	240	11.308	11.308	(1.000)	398694	40.0000	
* 84 Perylene-d12	264	13.161	13.161	(1.000)	285317	40.0000	

Data File: /chem/BNAMS11.i/8270/09-13-11/14sep11a.b/z19819.d
Report Date: 14-Sep-2011 12:53

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS11.i/8270/09-13-11/14sep11a.b/z19819.d
Report Date: 14-Sep-2011 12:53

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-13-11/14sep11a.b/z19819.d
Lab Smp Id: 460-30837-E-31-A Client Smp ID: FB_090911
Inj Date : 14-SEP-2011 08:50
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-30837-E-31-A
Misc Info : 460-30837-E-31-A
Comment   :
Method   : /chem/BNAMS11.i/8270/09-13-11/14sep11a.b/8270C_08SP.m
Meth Date : 14-Sep-2011 03:12 asfawa Quant Type: ISTD
Cal Date : 13-SEP-2011 14:23 Cal File: z19792.d
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-h20.sub
Target Version: 3.50
Processing Host: hpd1

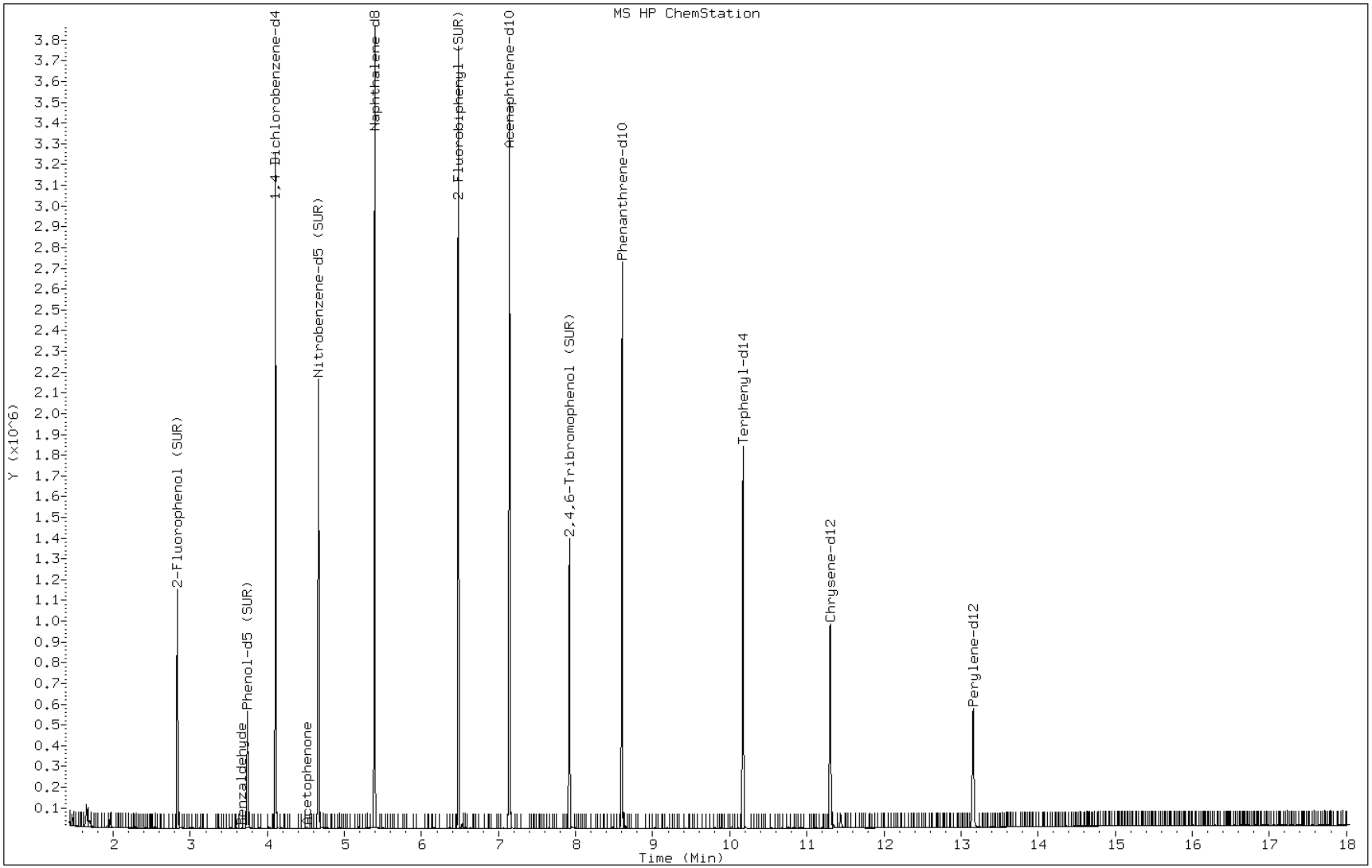
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: z19819.d

Date: 14-SEP-2011 08:50

Client ID: FB_090911 Instrument: BNAMS11.i

Sample Info: 460-30837-E-31-A Operator: BNAMS 4



FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 86513

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/17/2011 02:47 Calibration End Date: 09/17/2011 05:31 Calibration ID: 12264

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-86513/4	p19348.d
Level 2	IC 460-86513/7	p19351.d
Level 3	IC 460-86513/6	p19350.d
Level 4	ICIS 460-86513/2	p19346.d
Level 5	IC 460-86513/5	p19349.d
Level 6	IC 460-86513/3	p19347.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								
1,4-Dioxane	0.7688 +++++	0.7956	0.7428	0.6102	0.6697	Ave		0.7174				10.6		15.0			
N-Nitrosodimethylamine	0.9458 0.7851	0.9407	0.9044	0.8619	0.8563	Ave		0.8824				6.9		15.0			
Pyridine	1.6180 1.3272	1.6255	1.5860	1.4787	1.4552	Ave		1.5151				7.7		15.0			
2,3,7,8-TCDD (Screen)	+++++ +++++	+++++	+++++	0.1586	+++++	Ave		0.1586						15.0			
Benzaldehyde	1.1402 +++++	0.7053	0.5000	0.5428	0.2003	Ave		0.6177				55.7	*	15.0			
Phenol	1.8932 1.5186	1.8247	1.6972	1.7083	1.5382	Ave		1.6967				8.8		30.0			
Aniline	1.9553 1.7075	1.9106	1.7667	1.8618	1.6933	Ave		1.8158				6.0		15.0			
Bis(2-chloroethyl)ether	1.4763 1.2104	1.2033	1.2194	1.2820	1.2006	Ave		1.2653				8.5		15.0			
2-Chlorophenol	1.3880 1.1129	1.3291	1.2822	1.2603	1.1568	Ave		1.2549				8.3		15.0			
n-Decane	1.0055 1.1474	1.0285	1.0230	1.0684	1.0496	Ave		1.0537				4.8		15.0			
1,3-Dichlorobenzene	1.6346 1.5878	1.5489	1.5224	1.6322	1.5345	Ave		1.5767				3.1		15.0			
1,4-Dichlorobenzene	1.6574 1.5934	1.6199	1.5458	1.6179	1.5832	Ave		1.6029				2.4		30.0			
Benzyl alcohol	0.8286 0.7096	0.7680	0.7847	0.8020	0.6998	Ave		0.7655				6.7		15.0			
1,2-Dichlorobenzene	1.5009 1.4632	1.4726	1.3990	1.5005	1.4243	Ave		1.4601				2.8		15.0			
2-Methylphenol	1.2425 0.9767	1.1298	1.1025	1.1164	0.9837	Ave		1.0919				9.1		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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 86513

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/17/2011 02:47 Calibration End Date: 09/17/2011 05:31 Calibration ID: 12264

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								
2,2'-oxybis[1-chloropropane]	1.0668 0.9495	0.9838	0.9363	1.0088	0.9390	Ave		0.9807				5.2		15.0			
o-Toluidine	1.6100 1.4029	1.5571	1.6302	1.5305	1.4139	Ave		1.5241				6.3		15.0			
Acetophenone	1.9611 1.5917	1.7636	1.8159	1.7852	1.6345	Ave		1.7587				7.6		15.0			
N-Nitrosodi-n-propylamine	0.9740 0.8143	1.0057	0.9673	0.9925	0.9059	Ave		0.9433			0.0500	7.6		15.0			
3 & 4 Methylphenol	1.1974 1.1339	1.1181	1.1643	1.2176	1.0564	Ave		1.1480				5.1		15.0			
4-Methylphenol	1.1974 1.1339	1.1181	1.1643	1.2176	0.9864	Ave		1.1363				7.3		15.0			
Hexachloroethane	0.5023 0.6070	0.5983	0.5920	0.6285	0.5951	Ave		0.5872				7.4		15.0			
Nitrobenzene	0.6384 0.6401	0.6604	0.6270	0.6593	0.6266	Ave		0.6420				2.3		15.0			
n,n'-Dimethylaniline	1.7018 1.7538	1.8905	1.7908	1.8983	1.7447	Ave		1.7967				4.5		15.0			
Isophorone	0.7726 0.6448	0.7586	0.7384	0.7194	0.6547	Ave		0.7148				7.5		15.0			
2-Nitrophenol	0.2045 0.2013	0.2127	0.2071	0.2072	0.2011	Ave		0.2056				2.1		30.0			
2,4-Dimethylphenol	0.3489 0.3115	0.3486	0.3286	0.3242	0.3067	Ave		0.3281				5.5		15.0			
Bis(2-chloroethoxy)methane	0.4182 0.3931	0.4007	0.3966	0.4074	0.3868	Ave		0.4005				2.8		15.0			
Benzoic acid	0.1417 0.1589	0.1961	0.2048	0.2028	0.1951	Ave		0.1832				14.4		15.0			
2,4-Dichlorophenol	0.3360 0.2896	0.3435	0.3096	0.3242	0.2898	Ave		0.3154				7.3		30.0			
1,2,4-Trichlorobenzene	0.3846 0.3879	0.3869	0.3706	0.3873	0.3737	Ave		0.3818				2.0		15.0			
Naphthalene	1.0331 0.9867	1.0768	1.0217	1.0563	1.0163	Ave		1.0318				3.1		15.0			
4-Chloroaniline	0.3756 0.3403	0.4002	0.3768	0.3763	0.3513	Ave		0.3701				5.7		15.0			
Hexachlorobutadiene	0.2433 0.2570	0.2446	0.2324	0.2525	0.2464	Ave		0.2460				3.4		30.0			
Caprolactam	0.1090 0.0777	0.1012	0.0969	0.0922	0.0890	Ave		0.0943				11.4		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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 86513

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/17/2011 02:47 Calibration End Date: 09/17/2011 05:31 Calibration ID: 12264

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-Chloro-3-methylphenol	0.3550 0.2713	0.3296	0.3249	0.3074	0.2827	Ave		0.3118				10.0		30.0			
2-Methylnaphthalene	0.6972 0.6538	0.7087	0.6831	0.6966	0.6641	Ave		0.6839				3.1		15.0			
1-Methylnaphthalene	0.7335 0.6592	0.7061	0.7245	0.7050	0.6681	Ave		0.6994				4.3		15.0			
1,2,4,5-Tetrachlorobenzene	0.5954 0.7719	0.6224	0.6602	0.7084	0.6952	Ave		0.6756				9.4		30.0			
Hexachlorocyclopentadiene	0.3493 0.5050	0.3611	0.3777	0.4394	0.4422	Ave		0.4124			0.0500	14.6		15.0			
2-tertbutyl-4-methylphenol	0.5381 0.4566	0.5155	0.5377	0.5086	0.4791	Ave		0.5059				6.4		15.0			
2,4,6-Trichlorophenol	0.3829 0.4045	0.3931	0.3876	0.4048	0.3906	Ave		0.3939				2.3		30.0			
2,4,5-Trichlorophenol	0.4115 0.3971	0.4342	0.3973	0.4041	0.3963	Ave		0.4067				3.6		15.0			
Diphenyl	1.4951 1.5632	1.4191	1.4759	1.5397	1.5026	Ave		1.4993				3.4		15.0			
2-Chloronaphthalene	1.0792 1.2148	1.1118	1.0828	1.1810	1.1589	Ave		1.1381				4.9		15.0			
Diphenyl ether	0.8225 0.9052	0.8365	0.8097	0.8952	0.8576	Ave		0.8545				4.6		15.0			
2-Nitroaniline	0.4336 0.4627	0.4665	0.4568	0.4698	0.4666	Ave		0.4593				2.9		15.0			
1,3-Dimethylnaphthalene	0.9420 1.0310	0.9407	0.9850	1.0106	1.0005	Ave		0.9850				3.7		15.0			
Dimethyl phthalate	1.2388 1.1574	1.2603	1.1950	1.2189	1.1967	Ave		1.2112				3.0		15.0			
Coumarin	0.2416 0.1819	0.2379	0.2307	0.2127	0.2023	Ave		0.2178				10.6		15.0			
2,6-Dinitrotoluene	0.2639 0.2669	0.2905	0.2638	0.2745	0.2737	Ave		0.2722				3.7		15.0			
Acenaphthylene	1.7601 1.6031	1.7280	1.6696	1.7202	1.6155	Ave		1.6827				3.8		15.0			
3-Nitroaniline	0.2862 0.2655	0.2994	0.2683	0.2673	0.2801	Ave		0.2778				4.8		15.0			
Acenaphthene	1.0405 1.1286	1.0812	1.0200	1.1157	1.0801	Ave		1.0777				3.9		30.0			
3,5-di-tert-butyl-4-hydroxytol	1.1953 1.3317	1.1487	1.2323	1.2647	1.2619	Ave		1.2391				5.1		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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 86513

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/17/2011 02:47 Calibration End Date: 09/17/2011 05:31 Calibration ID: 12264

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								
2,4-Dinitrophenol	0.1442 0.1742	0.1750	0.1652	0.1747	0.1869	Ave		0.1700			0.0500	8.5		15.0			
4-Nitrophenol	0.2456 0.2470	0.2672	0.2403	0.2495	0.2549	Ave		0.2507			0.0500	3.7		15.0			
2,4-Dinitrotoluene	0.3402 0.3643	0.3837	0.3460	0.3577	0.3745	Ave		0.3611				4.6		15.0			
Dibenzofuran	1.5794 1.5373	1.5793	1.5239	1.5829	1.5408	Ave		1.5573				1.7		15.0			
1-Naphthylamine	0.9862 0.8765	0.9385	0.9812	0.9010	0.9496	Ave		0.9388				4.6		30.0			
2,3,4,6-Tetrachlorophenol	0.2989 0.2974	0.3013	0.2814	0.3132	0.3113	Ave		0.3006				3.8		30.0			
2-Naphthylamine	0.9878 0.9131	1.0575	0.9737	0.8859	0.9961	Ave		0.9690				6.4		15.0			
Diethyl phthalate	1.2244 1.0813	1.2468	1.1510	1.1322	1.1443	Ave		1.1633				5.3		15.0			
Fluorene	1.2757 1.2768	1.2944	1.2456	1.2980	1.2888	Ave		1.2799				1.5		15.0			
4-Chlorophenyl phenyl ether	0.6438 0.6950	0.6537	0.6394	0.6748	0.6804	Ave		0.6645				3.3		15.0			
4-Nitroaniline	0.2723 0.2690	0.2967	0.2388	0.2713	0.2623	Ave		0.2684				6.9		15.0			
4,6-Dinitro-2-methylphenol	0.1387 0.1656	0.1512	0.1535	0.1616	0.1601	Ave		0.1551				6.2		15.0			
N-Nitrosodiphenylamine	0.6395 0.5979	0.5887	0.5877	0.6164	0.5870	Ave		0.6029				3.5		30.0			
1,2-Diphenylhydrazine	0.9179 1.1009	1.0592	1.1061	1.1264	1.0545	Ave		1.0608				7.1		15.0			
4-Bromophenyl phenyl ether	0.2324 0.2664	0.2381	0.2452	0.2622	0.2452	Ave		0.2483				5.4		15.0			
Hexachlorobenzene	0.2552 0.2668	0.2424	0.2461	0.2647	0.2492	Ave		0.2541				3.9		15.0			
Atrazine	0.2343 0.2410	0.2255	0.2357	0.2346	0.2301	Ave		0.2335				2.3		15.0			
Pentachlorophenol	0.1218 0.1643	0.1372	0.1440	0.1488	0.1536	Ave		0.1449				10.0		30.0			
n-Octadecane	0.3633 0.4929	0.3504	0.3936	0.4204	0.4324	Ave		0.4088				12.7		15.0			
Phenanthrene	1.1370 1.0884	1.1477	1.0909	1.1271	1.0684	Ave		1.1099				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 CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 86513

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/17/2011 02:47 Calibration End Date: 09/17/2011 05:31 Calibration ID: 12264

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								
Anthracene	1.1356 1.1236	1.1324	1.1374	1.1553	1.1185	Ave		1.1338				1.1		15.0			
Carbazole	0.9567 0.9943	0.9599	0.8963	0.9617	0.9667	Ave		0.9560				3.4		15.0			
Di-n-butyl phthalate	1.1792 1.2044	1.2198	1.1458	1.2093	1.1987	Ave		1.1929				2.2		15.0			
Fluoranthene	0.9942 1.1850	1.0634	1.0132	1.0787	1.1500	Ave		1.0807				6.9		30.0			
Benzidine	0.2246 +++++	0.4037	0.2470	0.1764	0.1308	Ave		0.2365				43.8	*	15.0			
Pyrene	1.6854 1.4762	1.7194	1.4341	1.5061	1.4778	Ave		1.5498				7.8		15.0			
Butyl benzyl phthalate	0.6720 0.6513	0.6488	0.5870	0.6199	0.6435	Ave		0.6371				4.7		15.0			
Carbamazepine	0.3950 0.5400	0.4787	0.5182	0.5485	0.5460	Ave		0.5044				11.8		15.0			
3,3'-Dichlorobenzidine	0.4558 0.3603	0.4366	0.3903	0.4051	0.3723	Ave		0.4034				9.2		15.0			
Benzo[a]anthracene	1.3514 1.1413	1.2064	1.1151	1.1609	1.1289	Ave		1.1840				7.4		15.0			
Chrysene	1.1039 1.0818	1.1191	1.0435	1.1106	1.0846	Ave		1.0906				2.5		15.0			
Bis(2-ethylhexyl) phthalate	0.9051 0.9020	0.8996	0.8121	0.8508	0.8805	Ave		0.8750				4.2		15.0			
Di-n-octyl phthalate	1.3724 1.5948	1.3360	1.3206	1.6491	1.4947	Ave		1.4613				9.6		30.0			
Benzo[b]fluoranthene	1.1553 1.2506	1.1520	1.1949	1.3262	1.2144	Ave		1.2156				5.4		15.0			
Benzo[k]fluoranthene	1.1509 1.2724	1.2930	1.2076	1.2631	1.2083	Ave		1.2325				4.3		15.0			
Benzo[a]pyrene	1.0131 1.0604	1.0410	0.9970	1.0832	1.0475	Ave		1.0404				3.0		30.0			
Indeno[1,2,3-cd]pyrene	0.8386 1.0266	0.9322	0.8539	0.9874	1.0582	Ave		0.9495				9.5		15.0			
Dibenz(a,h)anthracene	0.8448 1.0063	0.9600	0.8431	0.9839	1.0656	Ave		0.9506				9.4		15.0			
Benzo[g,h,i]perylene	1.0587 1.0390	1.0184	0.8918	1.0199	1.0882	Ave		1.0193				6.6		15.0			
2-Fluorophenol	1.2825 1.1260	1.2817	1.3108	1.2755	1.1200	Ave		1.2328				7.0		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 CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 86513

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/17/2011 02:47 Calibration End Date: 09/17/2011 05:31 Calibration ID: 12264

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								
Phenol-d5	1.6341 1.4010	1.5738	1.6386	1.5674	1.3864	Ave		1.5336				7.3		15.0			
Nitrobenzene-d5	0.4841 0.4591	0.4611	0.4801	0.4748	0.4564	Ave		0.4693				2.5		15.0			
2-Fluorobiphenyl	1.3033 1.4335	1.3262	1.3783	1.4350	1.3916	Ave		1.3780				3.9		15.0			
2,4,6-Tribromophenol	0.1647 0.1891	0.1802	0.1841	0.1818	0.1852	Ave		0.1809				4.7		15.0			
Terphenyl-d14	1.1414 1.0597	1.1375	1.0128	1.0413	1.0632	Ave		1.0760				4.9		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.: 460-30837-1 Analy Batch No.: 86513

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/17/2011 02:47 Calibration End Date: 09/17/2011 05:31 Calibration ID: 12264

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-86513/4	p19348.d
Level 2	IC 460-86513/7	p19351.d
Level 3	IC 460-86513/6	p19350.d
Level 4	ICIS 460-86513/2	p19346.d
Level 5	IC 460-86513/5	p19349.d
Level 6	IC 460-86513/3	p19347.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
1,4-Dioxane	DCB	Ave	32111 +++++	78261	142726	288176	417301	5.00 +++++	10.0	20.0	50.0	80.0
N-Nitrosodimethylamine	DCB	Ave	39502 857735	92538	173777	407028	533550	5.00 120	10.0	20.0	50.0	80.0
Pyridine	DCB	Ave	67580 1449924	159901	304737	698290	906752	5.00 120	10.0	20.0	50.0	80.0
2,3,7,8-TCDD (Screen)	CRY	Ave	+++++ +++++	+++++	+++++	1252	+++++	+++++ +++++	+++++	+++++	0.500	+++++
Benzaldehyde	DCB	Ave	47624 +++++	69382	96077	256331	124792	5.00 +++++	10.0	20.0	50.0	80.0
Phenol	DCB	Ave	79073 1659026	179497	326092	806715	958431	5.00 120	10.0	20.0	50.0	80.0
Aniline	DCB	Ave	81666 1865424	187952	339440	879187	1055077	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethyl)ether	DCB	Ave	6166 1322390	118369	234293	605396	748069	0.500 120	10.0	20.0	50.0	80.0
2-Chlorophenol	DCB	Ave	57975 1215801	130751	246359	595133	720816	5.00 120	10.0	20.0	50.0	80.0
n-Decane	DCB	Ave	41996 1253495	101173	196558	504525	654011	5.00 120	10.0	20.0	50.0	80.0
1,3-Dichlorobenzene	DCB	Ave	68274 1734647	152368	292509	770756	956157	5.00 120	10.0	20.0	50.0	80.0
1,4-Dichlorobenzene	DCB	Ave	69227 1740815	159353	296999	764039	986501	5.00 120	10.0	20.0	50.0	80.0
Benzyl alcohol	DCB	Ave	34610 775269	75547	150766	378733	436066	5.00 120	10.0	20.0	50.0	80.0
1,2-Dichlorobenzene	DCB	Ave	62689 1598544	144861	268804	708601	887479	5.00 120	10.0	20.0	50.0	80.0
2-Methylphenol	DCB	Ave	51898 1067009	111139	211830	527221	612961	5.00 120	10.0	20.0	50.0	80.0
2,2'-oxybis[1-chloropropane]	DCB	Ave	44557 1037355	96774	179889	476385	585116	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.: 460-30837-1 Analy Batch No.: 86513

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/17/2011 02:47 Calibration End Date: 09/17/2011 05:31 Calibration ID: 12264

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
o-Toluidine	DCB	Ave	67245 1532695	153171	313230	722753	880982	5.00 120	10.0	20.0	50.0	80.0
Acetophenone	DCB	Ave	81911 1738930	173487	348893	843027	1018421	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodi-n-propylamine	DCB	Ave	4068 889587	98936	185845	468685	564443	0.500 120	10.0	20.0	50.0	80.0
3 & 4 Methylphenol	DCB	Ave	50013 1238819	109988	223700	575012	658232	5.00 120	10.0	20.0	50.0	80.0
4-Methylphenol	DCB	Ave	50013 1238819	109988	223700	575012	614627	5.00 120	10.0	20.0	50.0	80.0
Hexachloroethane	DCB	Ave	2098 663194	58856	113738	296818	370813	0.500 120	10.0	20.0	50.0	80.0
Nitrobenzene	NPT	Ave	9171 2067117	209895	389137	995666	1195012	0.500 120	10.0	20.0	50.0	80.0
n,n'-Dimethylaniline	DCB	Ave	7108 1916048	185974	344083	896435	1087134	0.500 120	10.0	20.0	50.0	80.0
Isophorone	NPT	Ave	110999 2082435	241085	458297	1086365	1248545	5.00 120	10.0	20.0	50.0	80.0
2-Nitrophenol	NPT	Ave	29382 650100	67583	128539	312945	383467	5.00 120	10.0	20.0	50.0	80.0
2,4-Dimethylphenol	NPT	Ave	50126 1005814	110786	203919	489520	584961	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethoxy)methane	NPT	Ave	60087 1269484	127361	246150	615206	737709	5.00 120	10.0	20.0	50.0	80.0
Benzoic acid	NPT	Ave	20352 513277	62308	127101	306214	371996	5.00 120	10.0	20.0	50.0	80.0
2,4-Dichlorophenol	NPT	Ave	48272 935229	109170	192151	489528	552656	5.00 120	10.0	20.0	50.0	80.0
1,2,4-Trichlorobenzene	NPT	Ave	5525 1252586	122953	230020	584914	712715	0.500 120	10.0	20.0	50.0	80.0
Naphthalene	NPT	Ave	148415 3186517	342206	634111	1595174	1938101	5.00 120	10.0	20.0	50.0	80.0
4-Chloroaniline	NPT	Ave	53963 1099106	127192	233858	568264	669992	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobutadiene	NPT	Ave	6991 829821	77732	144217	381298	469961	1.00 120	10.0	20.0	50.0	80.0
Caprolactam	NPT	Ave	15655 251048	32148	60126	139208	169738	5.00 120	10.0	20.0	50.0	80.0
4-Chloro-3-methylphenol	NPT	Ave	51000 876239	104764	201659	464206	539202	5.00 120	10.0	20.0	50.0	80.0
2-Methylnaphthalene	NPT	Ave	100161 2111426	225225	423977	1051981	1266550	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.: 460-30837-1 Analy Batch No.: 86513

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/17/2011 02:47 Calibration End Date: 09/17/2011 05:31 Calibration ID: 12264

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-Methylnaphthalene	NPT	Ave	105374 2128973	224406	449672	1064540	1274053	5.00 120	10.0	20.0	50.0	80.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	51537 1194877	116844	239746	577202	685203	5.00 120	10.0	20.0	50.0	80.0
Hexachlorocyclopentadiene	ANT	Ave	30235 781751	67785	137169	358052	435847	5.00 120	10.0	20.0	50.0	80.0
2-tertbutyl-4-methylphenol	NPT	Ave	77302 1474483	163832	333722	768032	913628	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Trichlorophenol	ANT	Ave	33143 626160	73800	140737	329848	384965	5.00 120	10.0	20.0	50.0	80.0
2,4,5-Trichlorophenol	ANT	Ave	35621 614702	81510	144258	329279	390650	5.00 120	10.0	20.0	50.0	80.0
Diphenyl	ANT	Ave	129420 2419907	266398	535947	1254582	1481071	5.00 120	10.0	20.0	50.0	80.0
2-Chloronaphthalene	ANT	Ave	93417 1880605	208709	393192	962342	1142305	5.00 120	10.0	20.0	50.0	80.0
Diphenyl ether	ANT	Ave	71200 1401332	157040	294044	729452	845364	5.00 120	10.0	20.0	50.0	80.0
2-Nitroaniline	ANT	Ave	75071 716222	87568	165885	382770	459873	10.0 120	10.0	20.0	50.0	80.0
1,3-Dimethylnaphthalene	ANT	Ave	81542 1595969	176595	357701	823498	986171	5.00 120	10.0	20.0	50.0	80.0
Dimethyl phthalate	ANT	Ave	107238 1791784	236589	433939	993224	1179538	5.00 120	10.0	20.0	50.0	80.0
Coumarin	NPT	Ave	34708 587496	75602	143169	321270	385764	5.00 120	10.0	20.0	50.0	80.0
2,6-Dinitrotoluene	ANT	Ave	4568 413130	54534	95795	223676	269752	1.00 120	10.0	20.0	50.0	80.0
Acenaphthylene	ANT	Ave	152357 2481613	324396	606293	1401648	1592412	5.00 120	10.0	20.0	50.0	80.0
3-Nitroaniline	ANT	Ave	49550 410940	56203	97430	217843	276068	10.0 120	10.0	20.0	50.0	80.0
Acenaphthene	ANT	Ave	90066 1747136	202962	370379	909085	1064682	5.00 120	10.0	20.0	50.0	80.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	103466 2061571	215639	447472	1030532	1243862	5.00 120	10.0	20.0	50.0	80.0
2,4-Dinitrophenol	ANT	Ave	37439 269723	65710	89991	142369	184225	15.0 120	20.0	30.0	50.0	80.0
4-Nitrophenol	ANT	Ave	63775 382328	100303	130876	203298	251249	15.0 120	20.0	30.0	50.0	80.0
2,4-Dinitrotoluene	ANT	Ave	5889 564025	72025	125645	291468	369106	1.00 120	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.: 460-30837-1 Analy Batch No.: 86513

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/17/2011 02:47 Calibration End Date: 09/17/2011 05:31 Calibration ID: 12264

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	136721 2379764	296466	553376	1289808	1518708	5.00 120	10.0	20.0	50.0	80.0
1-Naphthylamine	ANT	Ave	85367 1356830	176174	356313	734155	936044	5.00 120	10.0	20.0	50.0	80.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	25878 460402	56563	102172	255227	306797	5.00 120	10.0	20.0	50.0	80.0
2-Naphthylamine	ANT	Ave	85507 1413506	198520	353573	721875	981804	5.00 120	10.0	20.0	50.0	80.0
Diethyl phthalate	ANT	Ave	105992 1673835	234064	417959	922564	1127951	5.00 120	10.0	20.0	50.0	80.0
Fluorene	ANT	Ave	110433 1976565	242998	452311	1057644	1270403	5.00 120	10.0	20.0	50.0	80.0
4-Chlorophenyl phenyl ether	ANT	Ave	55728 1075862	122724	232191	549850	670624	5.00 120	10.0	20.0	50.0	80.0
4-Nitroaniline	ANT	Ave	47140 416416	55702	86728	221064	258588	10.0 120	10.0	20.0	50.0	80.0
4,6-Dinitro-2-methylphenol	PHN	Ave	53527 340711	88164	117739	179585	231063	15.0 120	20.0	30.0	50.0	80.0
N-Nitrosodiphenylamine	PHN	Ave	82242 1229863	171621	300450	684923	847051	5.00 120	10.0	20.0	50.0	80.0
1,2-Diphenylhydrazine	PHN	Ave	118045 2264595	308779	565472	1251589	1521731	5.00 120	10.0	20.0	50.0	80.0
4-Bromophenyl phenyl ether	PHN	Ave	29890 548035	69405	125376	291328	353815	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobenzene	PHN	Ave	3282 548780	70663	125824	294136	359542	0.500 120	10.0	20.0	50.0	80.0
Atrazine	PHN	Ave	30137 495696	65726	120480	260704	332061	5.00 120	10.0	20.0	50.0	80.0
Pentachlorophenol	PHN	Ave	46994 337976	79977	110392	165308	221587	15.0 120	20.0	30.0	50.0	80.0
n-Octadecane	PHN	Ave	46727 1013877	102139	201238	467143	623981	5.00 120	10.0	20.0	50.0	80.0
Phenanthrene	PHN	Ave	146217 2238989	334582	557707	1252315	1541664	5.00 120	10.0	20.0	50.0	80.0
Anthracene	PHN	Ave	146036 2311412	330133	581489	1283610	1614016	5.00 120	10.0	20.0	50.0	80.0
Carbazole	PHN	Ave	123034 2045461	279838	458250	1068565	1394990	5.00 120	10.0	20.0	50.0	80.0
Di-n-butyl phthalate	PHN	Ave	151642 2477663	355591	585768	1343676	1729761	5.00 120	10.0	20.0	50.0	80.0
Fluoranthene	PHN	Ave	127853 2437646	310009	518014	1198540	1659466	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.: 460-30837-1 Analy Batch No.: 86513

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/17/2011 02:47 Calibration End Date: 09/17/2011 05:31 Calibration ID: 12264

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
Benzidine	PHN	Ave	28883 +++++	235408	189408	196013	188818	5.00 +++++	20.0	30.0	50.0	80.0
Pyrene	CRY	Ave	123504 2442884	311367	496592	1189013	1612566	5.00 120	10.0	20.0	50.0	80.0
Butyl benzyl phthalate	CRY	Ave	49240 1077841	117484	203277	489355	702137	5.00 120	10.0	20.0	50.0	80.0
Carbamazepine	CRY	Ave	28946 893611	86677	179439	433059	595744	5.00 120	10.0	20.0	50.0	80.0
3,3'-Dichlorobenzidine	CRY	Ave	66802 596285	158122	202706	319807	406292	10.0 120	20.0	30.0	50.0	80.0
Benzo[a]anthracene	CRY	Ave	9903 1888668	218458	386128	916497	1231895	0.500 120	10.0	20.0	50.0	80.0
Chrysene	CRY	Ave	80890 1790119	202653	361333	876794	1183550	5.00 120	10.0	20.0	50.0	80.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	66324 1492688	162908	281202	671670	960797	5.00 120	10.0	20.0	50.0	80.0
Di-n-octyl phthalate	PRY	Ave	98654 2128142	231056	415157	1036327	1427024	5.00 120	10.0	20.0	50.0	80.0
Benzo[b]fluoranthene	PRY	Ave	8305 1668827	199246	375619	833432	1159352	0.500 120	10.0	20.0	50.0	80.0
Benzo[k]fluoranthene	PRY	Ave	8273 1697890	223628	379618	793761	1153586	0.500 120	10.0	20.0	50.0	80.0
Benzo[a]pyrene	PRY	Ave	7283 1414957	180048	313403	680701	1000052	0.500 120	10.0	20.0	50.0	80.0
Indeno[1,2,3-cd]pyrene	PRY	Ave	6028 1369956	161233	268433	620524	1010246	0.500 120	10.0	20.0	50.0	80.0
Dibenz(a,h)anthracene	PRY	Ave	6073 1342871	166027	265021	618313	1017372	0.500 120	10.0	20.0	50.0	80.0
Benzo[g,h,i]perylene	PRY	Ave	76101 1386425	176138	280353	640914	1038938	5.00 120	10.0	20.0	50.0	80.0
2-Fluorophenol	DCB	Ave	53565 1230142	126079	251862	602353	697892	5.00 120	10.0	20.0	50.0	80.0
Phenol-d5	DCB	Ave	68251 1530583	154817	314844	740193	863853	5.00 120	10.0	20.0	50.0	80.0
Nitrobenzene-d5	NPT	Ave	69553 1482773	146552	297976	717023	870481	5.00 120	10.0	20.0	50.0	80.0
2-Fluorobiphenyl	ANT	Ave	112818 2219181	248961	500491	1169248	1371690	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Tribromophenol	ANT	Ave	14257 292766	33825	66865	148146	182571	5.00 120	10.0	20.0	50.0	80.0
Terphenyl-d14	CRY	Ave	83640 1753620	205986	350708	822060	1160113	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.: 460-30837-1 Analy Batch No.: 86513

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/17/2011 02:47 Calibration End Date: 09/17/2011 05:31 Calibration ID: 12264

Curve Type Legend:
Ave = Average ISTD

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 86050

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2011 11:34 Calibration End Date: 09/13/2011 14:23 Calibration ID: 12194

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-86050/6	z19792.d
Level 2	IC 460-86050/5	z19791.d
Level 3	IC 460-86050/4	z19790.d
Level 4	ICIS 460-86050/7	z19786.d
Level 5	IC 460-86050/3	z19789.d
Level 6	IC 460-86050/2	z19787.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								
1,4-Dioxane	0.7402 0.6437	0.7503	0.6253	0.6051	0.7151	Ave		0.6799				9.2		15.0			
N-Nitrosodimethylamine	0.9312 0.8408	0.9514	0.8678	0.7713	0.9144	Ave		0.8795				7.6		15.0			
Pyridine	1.7266 1.4835	1.7793	1.6031	1.4505	1.6077	Ave		1.6084				8.0		15.0			
2,3,7,8-TCDD (Screen)	+++++ +++++	+++++	+++++	0.2024	+++++	Ave		0.2024						15.0			
Benzaldehyde	1.0789 0.0634	0.7145	0.5046	0.2107	0.2167	Ave		0.4648				82.1	*	15.0			
Phenol	2.0434 1.6255	1.9266	1.7668	1.6303	1.6293	Ave		1.7703				10.1		30.0			
Aniline	2.0056 +++++	2.0523	1.9240	1.8776	1.8374	Ave		1.9394				4.6		15.0			
Bis(2-chloroethyl)ether	1.4674 1.3373	1.4013	1.3169	1.3065	1.3508	Ave		1.3634				4.5		15.0			
2-Chlorophenol	1.6526 1.2719	1.5623	1.4655	1.3614	1.3007	Ave		1.4357				10.5		15.0			
Decane	1.7144 1.2701	1.6914	1.5272	1.4863	1.3551	Ave		1.5074				11.8		15.0			
1,3-Dichlorobenzene	1.6691 1.6697	1.7082	1.5960	1.6324	1.6208	Ave		1.6494				2.5		15.0			
1,4-Dichlorobenzene	1.6668 1.6905	1.6591	1.5525	1.6311	1.6519	Ave		1.6420				2.9		30.0			
Benzyl alcohol	0.7524 0.7574	0.7727	0.6815	0.7677	0.7510	Ave		0.7471				4.5		15.0			
1,2-Dichlorobenzene	1.5296 1.4928	1.5220	1.4120	1.5019	1.4846	Ave		1.4905				2.8		15.0			
2-Methylphenol	1.1947 1.0348	1.1427	1.0165	1.0590	1.0203	Ave		1.0780				6.8		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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 86050

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2011 11:34 Calibration End Date: 09/13/2011 14:23 Calibration ID: 12194

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								
2,2'-oxybis[1-chloropropane]	1.7591 1.2730	1.7034	1.4882	1.5626	1.3811	Ave		1.5279				12.2		15.0			
o-Toluidine	1.5556 +++++	1.4444	1.5512	1.4230	1.3906	Ave		1.4730				5.2		15.0			
Acetophenone	1.7448 1.6171	1.6106	1.5808	1.6554	1.6298	Ave		1.6398				3.5		15.0			
N-Nitrosodi-n-propylamine	0.8210 0.7855	0.8094	0.7503	0.8365	0.8062	Ave		0.8015			0.0500	3.8		15.0			
3 & 4 Methylphenol	1.2823 1.1738	1.2004	1.0554	1.1319	1.0608	Ave		1.1508				7.6		15.0			
4-Methylphenol	1.2823 1.1678	1.1980	1.0528	1.1315	1.0591	Ave		1.1486				7.6		15.0			
Hexachloroethane	0.7552 0.6195	0.6646	0.6224	0.6490	0.6246	Ave		0.6559				7.9		15.0			
Nitrobenzene	0.6336 0.5696	0.5979	0.5811	0.5886	0.5675	Ave		0.5897				4.1		15.0			
n,n'-Dimethylaniline	1.4906 1.8504	1.8200	1.7216	1.8401	1.8117	Ave		1.7558				7.8		15.0			
Isophorone	0.6239 0.5827	0.6421	0.5833	0.6340	0.5827	Ave		0.6081				4.6		15.0			
2-Nitrophenol	0.2046 0.1953	0.2035	0.1939	0.1980	0.1926	Ave		0.1980				2.6		30.0			
2,4-Dimethylphenol	0.3363 0.2987	0.3275	0.3011	0.3059	0.2903	Ave		0.3100				5.8		15.0			
Bis(2-chloroethoxy)methane	0.3763 0.3797	0.3813	0.3603	0.3837	0.3723	Ave		0.3756				2.3		15.0			
Benzoic acid	0.0672 0.1420	0.1143	0.1351	0.1597	0.1296	LinF		0.1408							0.9905		0.9900
2,4-Dichlorophenol	0.2880 0.2615	0.2778	0.2631	0.2637	0.2506	Ave		0.2674				5.0		30.0			
1,2,4-Trichlorobenzene	0.3164 0.3253	0.3396	0.3197	0.3248	0.3231	Ave		0.3248				2.5		15.0			
Naphthalene	1.0695 1.1412	1.0770	1.0445	1.0938	1.1060	Ave		1.0887				3.1		15.0			
4-Chloroaniline	0.3691 0.3705	0.3848	0.3556	0.3859	0.3632	Ave		0.3715				3.2		15.0			
Hexachlorobutadiene	0.2146 0.2012	0.2085	0.2027	0.2048	0.2028	Ave		0.2058				2.4		30.0			
Caprolactam	0.0742 0.0699	0.0790	0.0626	0.0861	0.0699	Ave		0.0736				11.1		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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 86050

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2011 11:34 Calibration End Date: 09/13/2011 14:23 Calibration ID: 12194

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-Chloro-3-methylphenol	0.2806 0.2623	0.2705	0.2341	0.2675	0.2578	Ave		0.2621				6.0		30.0			
2-Methylnaphthalene	0.6174 0.6608	0.6316	0.5870	0.6378	0.6459	Ave		0.6301				4.1		15.0			
1-Methylnaphthalene	0.6121 0.6709	0.6093	0.6066	0.6496	0.6481	Ave		0.6328				4.3		15.0			
Hexachlorocyclopentadiene	0.3495 0.4192	0.3670	0.4537	0.4247	0.4114	Ave		0.4043			0.0500	9.6		15.0			
1,2,4,5-Tetrachlorobenzene	0.6574 0.6776	0.6524	0.7358	0.6610	0.6615	Ave		0.6743				4.6		30.0			
2-tertbutyl-4-methylphenol	0.4395 0.4614	0.4267	0.4238	0.4620	0.4638	Ave		0.4462				4.2		15.0			
2,4,6-Trichlorophenol	0.3663 0.3901	0.3747	0.3885	0.3885	0.3734	Ave		0.3803				2.6		30.0			
2,4,5-Trichlorophenol	0.3909 0.3698	0.3845	0.3882	0.3866	0.3639	Ave		0.3807				2.9		15.0			
Diphenyl	1.7978 1.7979	1.6737	1.7901	1.7395	1.7405	Ave		1.7566				2.8		15.0			
2-Chloronaphthalene	1.2913 1.2546	1.2811	1.2617	1.2744	1.2267	Ave		1.2650				1.8		15.0			
Diphenyl ether	0.8885 0.8916	0.8963	0.8830	0.9001	0.8649	Ave		0.8874				1.4		15.0			
2-Nitroaniline	0.4228 0.3420	0.4865	0.4367	0.4838	0.3502	Ave		0.4203				14.9		15.0			
Dimethylnaphthalene, total	1.0819 1.1191	1.0643	1.1276	1.0961	1.0860	Ave		1.0958				2.2		15.0			
Dimethyl phthalate	1.2427 1.2116	1.2580	1.1171	1.2548	1.1934	Ave		1.2130				4.4		15.0			
Coumarin	0.1653 0.1698	0.1732	0.1409	0.1784	0.1685	Ave		0.1660				7.9		15.0			
2,6-Dinitrotoluene	0.2533 0.2752	0.2732	0.2496	0.2835	0.2716	Ave		0.2677				5.0		15.0			
Acenaphthylene	1.9584 1.9108	1.9925	1.8484	1.9483	1.8550	Ave		1.9189				3.0		15.0			
3-Nitroaniline	0.2891 0.2768	0.2926	0.2522	0.3031	0.2758	Ave		0.2816				6.3		15.0			
Acenaphthene	1.1443 1.2130	1.1411	1.1260	1.2018	1.2133	Ave		1.1733				3.4		30.0			
3,5-di-tert-butyl-4-hydroxytol	1.1023 1.1383	1.1140	1.1890	1.1670	1.1560	Ave		1.1445				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 CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 86050

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2011 11:34 Calibration End Date: 09/13/2011 14:23 Calibration ID: 12194

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								
2,4-Dinitrophenol	0.0945 0.1655	0.1178	0.1203	0.1643	0.1535	QuaF		7.3007	-2.604		0.0500				0.9930		0.9900
4-Nitrophenol	0.2149 0.2167	0.2284	0.1890	0.2501	0.2140	Ave		0.2189			0.0500	9.1		15.0			
2,4-Dinitrotoluene	0.3221 0.3578	0.3545	0.2969	0.3770	0.3524	Ave		0.3435				8.4		15.0			
Dibenzofuran	1.5755 1.6249	1.5876	1.4638	1.6232	1.5840	Ave		1.5765				3.7		15.0			
1-Naphthylamine	0.9075 0.9097	0.9754	0.8393	0.9806	0.9435	Ave		0.9260				5.7		30.0			
2,3,4,6-Tetrachlorophenol	0.2339 0.2810	0.2719	0.2333	0.2987	0.2762	Ave		0.2658				10.0		30.0			
2-Naphthylamine	0.9717 0.9784	1.0072	0.8930	1.0543	0.9886	Ave		0.9822				5.4		15.0			
Diethyl phthalate	1.2415 1.2187	1.2899	1.0810	1.2842	1.2258	Ave		1.2235				6.2		15.0			
Fluorene	1.2467 1.3396	1.2874	1.1512	1.3172	1.3115	Ave		1.2756				5.4		15.0			
4-Chlorophenyl phenyl ether	0.5689 0.6013	0.5867	0.5285	0.5888	0.5912	Ave		0.5776				4.5		15.0			
4-Nitroaniline	0.2601 0.2301	0.2868	0.2197	0.2962	0.2331	Ave		0.2543				12.5		15.0			
4,6-Dinitro-2-methylphenol	0.1174 0.1451	0.1274	0.1264	0.1445	0.1427	Ave		0.1339				8.8		15.0			
N-Nitrosodiphenylamine	0.6275 0.6354	0.6143	0.5781	0.5881	0.6286	Ave		0.6120				3.9		30.0			
1,2-Diphenylhydrazine	0.9488 1.1786	1.1192	1.1686	1.1040	1.1524	Ave		1.1119				7.6		15.0			
4-Bromophenyl phenyl ether	0.2457 0.2603	0.2368	0.2495	0.2448	0.2548	Ave		0.2487				3.3		15.0			
Hexachlorobenzene	0.2900 0.2788	0.2710	0.2751	0.2662	0.2806	Ave		0.2769				3.0		15.0			
Atrazine	0.2185 0.2115	0.2138	0.2106	0.2189	0.2118	Ave		0.2142				1.7		15.0			
Pentachlorophenol	0.0864 0.1501	0.1082	0.1191	0.1370	0.1460	QuaF		8.0463	-3.232						0.9968		0.9900
n-Octadecane	0.5455 0.6443	0.5365	0.6559	0.5636	0.6460	Ave		0.5986				9.3		15.0			
Phenanthrene	1.1569 1.1978	1.1497	1.1132	1.1764	1.1681	Ave		1.1603				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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 86050

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2011 11:34 Calibration End Date: 09/13/2011 14:23 Calibration ID: 12194

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								
Anthracene	1.1292 1.2160	1.1782	1.1246	1.2024	1.1938	Ave		1.1740				3.3		15.0			
Carbazole	0.9708 0.9405	0.9976	0.8594	0.9984	0.9515	Ave		0.9530				5.4		15.0			
Di-n-butyl phthalate	1.3126 1.3618	1.3748	1.2109	1.3937	1.3682	Ave		1.3370				5.0		15.0			
Fluoranthene	1.0390 0.9731	1.0894	0.8803	1.1061	1.0082	Ave		1.0160				8.2		30.0			
Benzidine	0.3526 +++++	0.4109	0.1553	0.1093	0.0493	Ave		0.2155				73.2	*	15.0			
Pyrene	1.4781 1.8666	1.4476	1.6800	1.4706	1.7309	Ave		1.6123				10.7		15.0			
Butyl benzyl phthalate	0.6873 0.8200	0.7052	0.7487	0.7259	0.7940	Ave		0.7468				6.9		15.0			
Carbamazepine	0.2604 0.4700	0.3168	0.3941	0.4562	0.4330	LinF		0.4575							0.9951		0.9900
3,3'-Dichlorobenzidine	0.4278 0.2847	0.4122	0.3686	0.3518	0.2969	QuaF		2.3324	1.4312						0.9968		0.9900
Benzo[a]anthracene	1.5444 1.1996	1.1927	1.1763	1.2005	1.1901	Ave		1.2506				11.5		15.0			
Chrysene	1.1475 1.1555	1.1640	1.1077	1.1519	1.1196	Ave		1.1410				1.9		15.0			
Bis(2-ethylhexyl) phthalate	0.9533 1.1483	0.9721	0.9948	0.9965	1.1229	Ave		1.0313				8.0		15.0			
Di-n-octyl phthalate	1.5515 2.1423	1.5909	1.7340	1.7734	2.1865	Ave		1.8298				14.9		30.0			
Benzo[b]fluoranthene	1.1829 1.2397	1.1586	1.1278	1.2016	1.2594	Ave		1.1950				4.1		15.0			
Benzo[k]fluoranthene	1.1718 1.2690	1.2343	1.2371	1.2271	1.2364	Ave		1.2293				2.6		15.0			
Benzo[a]pyrene	1.0626 0.9932	0.9856	0.9816	0.9953	0.9743	Ave		0.9987				3.2		30.0			
Indeno[1,2,3-cd]pyrene	0.9884 0.9749	0.8996	0.9588	1.0068	0.9058	Ave		0.9557				4.6		15.0			
Dibenz(a,h)anthracene	0.9267 0.9420	0.7894	0.9153	0.9759	0.9123	Ave		0.9103				7.0		15.0			
Benzo[g,h,i]perylene	0.9774 0.9507	0.9790	0.9744	0.9798	0.8910	Ave		0.9587				3.6		15.0			
2-Fluorophenol	1.6581 1.3578	1.6197	1.6711	1.3852	1.4146	Ave		1.5178				9.7		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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 86050

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2011 11:34 Calibration End Date: 09/13/2011 14:23 Calibration ID: 12194

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								
Phenol-d5	1.7344 1.5185	1.6400	1.6850	1.5058	1.4824	Ave		1.5944				6.6		15.0			
Nitrobenzene-d5	0.4461 0.4153	0.4398	0.4432	0.4373	0.4181	Ave		0.4333				3.1		15.0			
2-Fluorobiphenyl	1.4751 1.5230	1.5039	1.5798	1.5075	1.4918	Ave		1.5135				2.4		15.0			
2,4,6-Tribromophenol	0.1666 0.1929	0.1639	0.1655	0.1968	0.1761	Ave		0.1770				8.2		15.0			
Terphenyl-d14	1.0537 1.3183	1.0098	1.2357	1.0215	1.2327	Ave		1.1453				11.6		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 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 86050

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2011 11:34 Calibration End Date: 09/13/2011 14:23 Calibration ID: 12194

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-86050/6	z19792.d
Level 2	IC 460-86050/5	z19791.d
Level 3	IC 460-86050/4	z19790.d
Level 4	ICIS 460-86050/7	z19786.d
Level 5	IC 460-86050/3	z19789.d
Level 6	IC 460-86050/2	z19787.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
1,4-Dioxane	DCB	Ave	32250 956114	57655	163929	244534	678382	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodimethylamine	DCB	Ave	40570 1248933	73112	227491	311723	867427	5.00 120	10.0	20.0	50.0	80.0
Pyridine	DCB	Ave	75220 2203563	136735	420274	586211	1525180	5.00 120	10.0	20.0	50.0	80.0
2,3,7,8-TCDD (Screen)	CRY	Ave	+++++ +++++	+++++	+++++	1118	+++++	+++++ +++++	+++++	+++++	0.500	+++++
Benzaldehyde	DCB	Ave	47006 94125	54903	132275	85141	205585	5.00 120	10.0	20.0	50.0	80.0
Phenol	DCB	Ave	89026 2414530	148053	463189	658876	1545627	5.00 120	10.0	20.0	50.0	80.0
Aniline	DCB	Ave	87378 +++++	157714	504406	758826	1743094	5.00 +++++	10.0	20.0	50.0	80.0
Bis(2-chloroethyl)ether	DCB	Ave	6393 1986440	107681	345242	528009	1281495	0.500 120	10.0	20.0	50.0	80.0
2-Chlorophenol	DCB	Ave	72000 1889329	120055	384197	550191	1233971	5.00 120	10.0	20.0	50.0	80.0
Decane	DCB	Ave	74692 1886599	129978	400380	600690	1285555	5.00 120	10.0	20.0	50.0	80.0
1,3-Dichlorobenzene	DCB	Ave	72715 2480146	131269	418415	659741	1537646	5.00 120	10.0	20.0	50.0	80.0
1,4-Dichlorobenzene	DCB	Ave	72616 2511102	127499	407006	659190	1567147	5.00 120	10.0	20.0	50.0	80.0
Benzyl alcohol	DCB	Ave	32779 1125127	59377	178661	310259	712485	5.00 120	10.0	20.0	50.0	80.0
1,2-Dichlorobenzene	DCB	Ave	66641 2217392	116958	370159	607007	1408381	5.00 120	10.0	20.0	50.0	80.0
2-Methylphenol	DCB	Ave	52048 1537142	87814	266478	427998	967934	5.00 120	10.0	20.0	50.0	80.0
2,2'-oxybis[1-chloropropane]	DCB	Ave	76640 1891001	130899	390136	631503	1310203	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.: 460-30837-1 Analy Batch No.: 86050

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2011 11:34 Calibration End Date: 09/13/2011 14:23 Calibration ID: 12194

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
o-Toluidine	DCB	Ave	67771 +++++	110996	406673	575092	1319239	5.00 +++++	10.0	20.0	50.0	80.0
Acetophenone	DCB	Ave	76016 2402072	123772	414424	669007	1546159	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodi-n-propylamine	DCB	Ave	3577 1166824	62200	196711	338079	764852	0.500 120	10.0	20.0	50.0	80.0
3 & 4 Methylphenol	DCB	Ave	55866 1743592	92246	276689	457442	1006304	5.00 120	10.0	20.0	50.0	80.0
4-Methylphenol	DCB	Ave	55866 1734663	92058	276003	457299	1004777	5.00 120	10.0	20.0	50.0	80.0
Hexachloroethane	DCB	Ave	3290 920182	51073	163180	262295	592539	0.500 120	10.0	20.0	50.0	80.0
Nitrobenzene	NPT	Ave	8598 2558505	141873	453144	736199	1633738	0.500 120	10.0	20.0	50.0	80.0
n,n'-Dimethylaniline	DCB	Ave	6494 2748645	139862	451346	743678	1718740	0.500 120	10.0	20.0	50.0	80.0
Isophorone	NPT	Ave	84655 2617356	152365	454826	792968	1677377	5.00 120	10.0	20.0	50.0	80.0
2-Nitrophenol	NPT	Ave	27766 877256	48286	151184	247591	554344	5.00 120	10.0	20.0	50.0	80.0
2,4-Dimethylphenol	NPT	Ave	45634 1341528	77721	234795	382540	835692	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethoxy)methane	NPT	Ave	51065 1705476	90479	280972	479921	1071635	5.00 120	10.0	20.0	50.0	80.0
Benzoic acid	NPT	LinF	9115 637696	27131	105344	199715	373070	5.00 120	10.0	20.0	50.0	80.0
2,4-Dichlorophenol	NPT	Ave	39080 1174445	65926	205164	329766	721478	5.00 120	10.0	20.0	50.0	80.0
1,2,4-Trichlorobenzene	NPT	Ave	4293 1461026	80581	249315	406243	930200	0.500 120	10.0	20.0	50.0	80.0
Naphthalene	NPT	Ave	145125 5126118	255555	814516	1367988	3183748	5.00 120	10.0	20.0	50.0	80.0
4-Chloroaniline	NPT	Ave	50085 1664185	91316	277291	482654	1045520	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobutadiene	NPT	Ave	5823 903997	49487	158060	256132	583769	1.00 120	10.0	20.0	50.0	80.0
Caprolactam	NPT	Ave	10069 313834	18741	48799	107698	201120	5.00 120	10.0	20.0	50.0	80.0
4-Chloro-3-methylphenol	NPT	Ave	38071 1178108	64196	182563	334556	742116	5.00 120	10.0	20.0	50.0	80.0
2-Methylnaphthalene	NPT	Ave	83774 2968424	149876	457757	797727	1859275	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.: 460-30837-1 Analy Batch No.: 86050

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2011 11:34 Calibration End Date: 09/13/2011 14:23 Calibration ID: 12194

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-Methylnaphthalene	NPT	Ave	83061 3013760	144587	473018	812454	1865698	5.00 120	10.0	20.0	50.0	80.0
Hexachlorocyclopentadiene	ANT	Ave	19380 818883	36056	132600	224638	512815	5.00 120	10.0	20.0	50.0	80.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	36458 1323581	64090	215053	349613	824541	5.00 120	10.0	20.0	50.0	80.0
2-tertbutyl-4-methylphenol	NPT	Ave	59633 2072480	101250	330487	577853	1335208	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Trichlorophenol	ANT	Ave	20316 762057	36807	113540	205472	465447	5.00 120	10.0	20.0	50.0	80.0
2,4,5-Trichlorophenol	ANT	Ave	21680 722445	37775	113467	204472	453566	5.00 120	10.0	20.0	50.0	80.0
Diphenyl	ANT	Ave	99703 3511845	164412	523219	919993	2169455	5.00 120	10.0	20.0	50.0	80.0
2-Chloronaphthalene	ANT	Ave	71610 2450599	125845	368770	674039	1528991	5.00 120	10.0	20.0	50.0	80.0
Diphenyl ether	ANT	Ave	49276 1741605	88043	258071	476085	1078051	5.00 120	10.0	20.0	50.0	80.0
2-Nitroaniline	ANT	Ave	46891 668024	47794	127648	255866	436479	10.0 120	10.0	20.0	50.0	80.0
Dimethylnaphthalene, total	ANT	Ave	59999 2185927	104546	329586	579704	1353598	5.00 120	10.0	20.0	50.0	80.0
Dimethyl phthalate	ANT	Ave	68919 2366724	123580	326509	663667	1487483	5.00 120	10.0	20.0	50.0	80.0
Coumarin	NPT	Ave	22430 762744	41092	109868	223133	484949	5.00 120	10.0	20.0	50.0	80.0
2,6-Dinitrotoluene	ANT	Ave	2810 537467	26833	72953	149953	338589	1.00 120	10.0	20.0	50.0	80.0
Acenaphthylene	ANT	Ave	108609 3732506	195728	540243	1030432	2312134	5.00 120	10.0	20.0	50.0	80.0
3-Nitroaniline	ANT	Ave	32060 540592	28746	73718	160331	343757	10.0 120	10.0	20.0	50.0	80.0
Acenaphthene	ANT	Ave	63462 2369447	112095	329101	635623	1512295	5.00 120	10.0	20.0	50.0	80.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	61129 2223578	109434	347519	617231	1440918	5.00 120	10.0	20.0	50.0	80.0
2,4-Dinitrophenol	ANT	QuaF	15716 323320	23149	52756	86922	191287	15.0 120	20.0	30.0	50.0	80.0
4-Nitrophenol	ANT	Ave	35748 423335	44866	82863	132299	266768	15.0 120	20.0	30.0	50.0	80.0
2,4-Dinitrotoluene	ANT	Ave	3573 698820	34828	86782	199403	439184	1.00 120	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.: 460-30837-1 Analy Batch No.: 86050

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2011 11:34 Calibration End Date: 09/13/2011 14:23 Calibration ID: 12194

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	87372 3173995	155953	427833	858514	1974279	5.00 120	10.0	20.0	50.0	80.0
1-Naphthylamine	ANT	Ave	50328 1776920	95811	245305	518639	1176002	5.00 120	10.0	20.0	50.0	80.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	12972 548862	26709	68198	157980	344308	5.00 120	10.0	20.0	50.0	80.0
2-Naphthylamine	ANT	Ave	53890 1911166	98942	261003	557639	1232265	5.00 120	10.0	20.0	50.0	80.0
Diethyl phthalate	ANT	Ave	68849 2380623	126707	315951	679202	1527902	5.00 120	10.0	20.0	50.0	80.0
Fluorene	ANT	Ave	69138 2616627	126461	336458	696643	1634659	5.00 120	10.0	20.0	50.0	80.0
4-Chlorophenyl phenyl ether	ANT	Ave	31550 1174586	57633	154459	311404	736868	5.00 120	10.0	20.0	50.0	80.0
4-Nitroaniline	ANT	Ave	28844 449371	28170	64216	156671	290515	10.0 120	10.0	20.0	50.0	80.0
4,6-Dinitro-2-methylphenol	PHN	Ave	25806 358231	34725	63770	107804	224608	15.0 120	20.0	30.0	50.0	80.0
N-Nitrosodiphenylamine	PHN	Ave	45985 1569160	83755	194447	438804	989114	5.00 120	10.0	20.0	50.0	80.0
1,2-Diphenylhydrazine	PHN	Ave	69532 2910658	152588	393069	823806	1813493	5.00 120	10.0	20.0	50.0	80.0
4-Bromophenyl phenyl ether	PHN	Ave	18010 642816	32283	83921	182675	400974	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobenzene	PHN	Ave	2125 688560	36940	92526	198624	441499	0.500 120	10.0	20.0	50.0	80.0
Atrazine	PHN	Ave	16016 522429	29153	70837	163309	333346	5.00 120	10.0	20.0	50.0	80.0
Pentachlorophenol	PHN	QuaF	18994 370706	29503	60111	102259	229739	15.0 120	20.0	30.0	50.0	80.0
n-Octadecane	PHN	Ave	39980 1591040	73143	220639	420567	1016493	5.00 120	10.0	20.0	50.0	80.0
Phenanthrene	PHN	Ave	84788 2958059	156739	374444	877805	1838162	5.00 120	10.0	20.0	50.0	80.0
Anthracene	PHN	Ave	82758 3002959	160625	378278	897205	1878627	5.00 120	10.0	20.0	50.0	80.0
Carbazole	PHN	Ave	71147 2322633	136007	289065	745022	1497350	5.00 120	10.0	20.0	50.0	80.0
Di-n-butyl phthalate	PHN	Ave	96195 3363199	187426	407319	1039983	2152986	5.00 120	10.0	20.0	50.0	80.0
Fluoranthene	PHN	Ave	76149 2403211	148517	296091	825341	1586557	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.: 460-30837-1 Analy Batch No.: 86050

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2011 11:34 Calibration End Date: 09/13/2011 14:23 Calibration ID: 12194

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
Benzidine	PHN	Ave	25840 +++++	112048	78371	81589	77655	5.00 +++++	20.0	30.0	50.0	80.0
Pyrene	CRY	Ave	75156 2304851	150247	285154	812304	1548135	5.00 120	10.0	20.0	50.0	80.0
Butyl benzyl phthalate	CRY	Ave	34947 1012533	73194	127074	400972	710129	5.00 120	10.0	20.0	50.0	80.0
Carbamazepine	CRY	LinF	13241 580378	32880	66900	252014	387300	5.00 120	10.0	20.0	50.0	80.0
3,3'-Dichlorobenzidine	CRY	QuaF	43501 351558	85574	93840	194337	265550	10.0 120	20.0	30.0	50.0	80.0
Benzo[a]anthracene	CRY	Ave	7853 1481269	123789	199654	663090	1064399	0.500 120	10.0	20.0	50.0	80.0
Chrysene	CRY	Ave	58349 1426808	120811	188019	636277	1001392	5.00 120	10.0	20.0	50.0	80.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	48475 1417953	100897	168853	550424	1004284	5.00 120	10.0	20.0	50.0	80.0
Di-n-octyl phthalate	PRY	Ave	72177 1931868	148709	245668	860327	1394907	5.00 120	10.0	20.0	50.0	80.0
Benzo[b]fluoranthene	PRY	Ave	5503 1117914	108303	159792	582929	803457	0.500 120	10.0	20.0	50.0	80.0
Benzo[k]fluoranthene	PRY	Ave	5451 1144367	115376	175277	595327	788791	0.500 120	10.0	20.0	50.0	80.0
Benzo[a]pyrene	PRY	Ave	4943 895590	92131	139067	482836	621602	0.500 120	10.0	20.0	50.0	80.0
Indeno[1,2,3-cd]pyrene	PRY	Ave	4598 879157	84096	135843	488459	577887	0.500 120	10.0	20.0	50.0	80.0
Dibenz(a,h)anthracene	PRY	Ave	4311 849484	73787	129675	473430	582041	0.500 120	10.0	20.0	50.0	80.0
Benzo[g,h,i]perylene	PRY	Ave	45467 857258	91517	138045	475332	568457	5.00 120	10.0	20.0	50.0	80.0
2-Fluorophenol	DCB	Ave	72237 2016980	124466	438099	559839	1341968	5.00 120	10.0	20.0	50.0	80.0
Phenol-d5	DCB	Ave	75564 2255674	126027	441743	608547	1406343	5.00 120	10.0	20.0	50.0	80.0
Nitrobenzene-d5	NPT	Ave	60535 1865479	104367	345597	546965	1203512	5.00 120	10.0	20.0	50.0	80.0
2-Fluorobiphenyl	ANT	Ave	81804 2975022	147727	461743	797289	1859412	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Tribromophenol	ANT	Ave	9240 376814	16099	48382	104108	219483	5.00 120	10.0	20.0	50.0	80.0
Terphenyl-d14	CRY	Ave	53580 1627828	104811	209739	564227	1102543	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.: 460-30837-1 Analy Batch No.: 86050

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2011 11:34 Calibration End Date: 09/13/2011 14:23 Calibration ID: 12194

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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 85302

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/06/2011 16:22 Calibration End Date: 09/06/2011 18:34 Calibration ID: 12133

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-85302/7	u69912.d
Level 2	IC 460-85302/6	u69911.d
Level 3	IC 460-85302/5	u69910.d
Level 4	ICIS 460-85302/2	u69906.d
Level 5	IC 460-85302/4	u69909.d
Level 6	IC 460-85302/3	u69907.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								
1,4-Dioxane	0.8365 0.7564	0.8997	0.8006	0.8257	0.7995	Ave		0.8197				5.9		15.0			
N-Nitrosodimethylamine	0.9967 1.1483	1.2182	1.1743	1.2148	1.1840	Ave		1.1561				7.1		15.0			
Pyridine	1.6754 1.8512	1.8938	1.7925	1.8816	1.8249	Ave		1.8199				4.4		15.0			
2,3,7,8-TCDD (Screen)	+++++ +++++	+++++	+++++	0.1904	+++++	Ave		0.1904						15.0			
Benzaldehyde	1.7336 0.2517	1.2464	0.8794	1.0392	0.4449	Ave		0.9326				57.9	*	15.0			
Aniline	2.7405 1.8387	2.7854	2.5491	2.4397	2.1610	Ave		2.4191				15.0		15.0			
Phenol	2.5356 2.2695	2.5107	2.3473	2.1960	2.2632	Ave		2.3537				5.9		30.0			
Bis(2-chloroethyl)ether	2.0884 2.0072	2.0491	1.8692	1.6797	1.8412	Ave		1.9224				8.0		15.0			
2-Chlorophenol	1.4243 1.2033	1.3926	1.3104	1.2552	1.1698	Ave		1.2926				7.9		15.0			
Decane	2.2608 1.4490	2.2038	1.9013	1.8868	1.4908	QuaF		0.4538	0.0560						0.9936		0.9900
1,3-Dichlorobenzene	1.7578 1.3310	1.6804	1.6103	1.4689	1.3649	Ave		1.5355				11.3		15.0			
1,4-Dichlorobenzene	1.5222 1.3213	1.4912	1.3991	1.4870	1.3150	Ave		1.4226				6.4		30.0			
Benzyl alcohol	1.0467 0.9546	1.1110	1.0811	1.0731	0.9874	Ave		1.0423				5.7		15.0			
1,2-Dichlorobenzene	1.6208 1.3830	1.5760	1.4333	1.3518	1.3358	Ave		1.4501				8.3		15.0			
2,2'-oxybis[1-chloropropane]	3.1510 2.2718	3.2046	2.8113	2.6852	2.3625	Ave		2.7477				14.1		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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 85302

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/06/2011 16:22 Calibration End Date: 09/06/2011 18:34 Calibration ID: 12133

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-Methylphenol	1.4725 1.3519	1.6393	1.4118	1.4548	1.3291	Ave		1.4432				7.7		15.0			
o-Toluidine	1.8532 1.5185	1.9036	1.7767	1.7410	1.6018	Ave		1.7324				8.5		15.0			
Acetophenone	2.7848 2.0410	2.5855	2.1949	2.1503	2.1438	Ave		2.3167				12.8		15.0			
N-Nitrosodi-n-propylamine	1.4363 1.1822	1.6423	1.5191	1.1785	1.2776	Ave		1.3727			0.0500	13.9		15.0			
3 & 4 Methylphenol	1.5875 1.6100	1.6950	1.4534	1.5036	1.5100	Ave		1.5599				5.6		15.0			
4-Methylphenol	1.5875 1.5678	1.5938	1.3795	1.4623	1.4761	Ave		1.5112				5.7		15.0			
Hexachloroethane	0.7268 0.6103	0.8139	0.7287	0.6876	0.6166	Ave		0.6973				11.0		15.0			
n,n'-Dimethylaniline	1.5987 1.6557	1.9397	1.6249	1.6151	1.6302	Ave		1.6774				7.7		15.0			
Nitrobenzene	0.7566 0.6672	0.9594	0.8181	0.7947	0.6569	Ave		0.7755				14.4		15.0			
Isophorone	1.3343 1.0877	1.3948	1.3604	1.2926	1.1039	Ave		1.2623				10.6		15.0			
2-Nitrophenol	0.2666 0.2417	0.2666	0.2626	0.2732	0.2245	Ave		0.2559				7.3		30.0			
2,4-Dimethylphenol	0.3483 0.3353	0.3934	0.3995	0.3714	0.3219	Ave		0.3616				8.7		15.0			
Bis(2-chloroethoxy)methane	0.7020 0.5440	0.7200	0.7144	0.6430	0.5266	Ave		0.6417				13.6		15.0			
2,4-Dichlorophenol	0.3851 0.3557	0.4402	0.4243	0.4324	0.3549	Ave		0.3988				9.7		30.0			
Benzoic acid	0.0585 0.1533	0.1266	0.1362	0.1855	0.1512	QuaF		5.7179	1.7779						0.9921		0.9900
1,2,4-Trichlorobenzene	0.4477 0.3431	0.4165	0.3877	0.3710	0.3278	Ave		0.3823				11.8		15.0			
Naphthalene	0.9532 0.8851	1.0498	0.9944	0.9683	0.8363	Ave		0.9479				8.1		15.0			
4-Chloroaniline	0.4488 0.4109	0.5122	0.4671	0.4258	0.4060	Ave		0.4451				9.0		15.0			
Hexachlorobutadiene	0.2837 0.2394	0.3136	0.2818	0.2744	0.2226	Ave		0.2693				12.2		30.0			
Caprolactam	0.1432 0.1426	0.1367	0.1359	0.1508	0.1301	Ave		0.1399				5.1		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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 85302

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/06/2011 16:22 Calibration End Date: 09/06/2011 18:34 Calibration ID: 12133

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-Chloro-3-methylphenol	0.4811 0.4442	0.5801	0.5361	0.5083	0.4207	Ave		0.4951				11.9		30.0			
2-Methylnaphthalene	0.8468 0.7131	0.8676	0.8442	0.7869	0.6682	Ave		0.7878				10.3		15.0			
1-Methylnaphthalene	0.8491 0.7846	0.8103	0.7652	0.8151	0.6991	Ave		0.7872				6.6		15.0			
Hexachlorocyclopentadiene	0.1940 0.3500	0.2113	0.2612	0.3269	0.3206	QuaF		3.4503	-0.566		0.0500				0.9986		0.9900
1,2,4,5-Tetrachlorobenzene	0.6931 0.6077	0.6795	0.6137	0.6367	0.5866	Ave		0.6362				6.6		30.0			
2-tertbutyl-4-methylphenol	0.6295 0.5699	0.6300	0.6001	0.6203	0.5147	Ave		0.5941				7.6		15.0			
2,4,6-Trichlorophenol	0.3943 0.4008	0.4132	0.4064	0.3948	0.3667	Ave		0.3960				4.1		30.0			
2,4,5-Trichlorophenol	0.4159 0.4598	0.3831	0.4232	0.4128	0.4494	Ave		0.4240				6.5		15.0			
Diphenyl	1.6025 1.3971	1.5498	1.5150	1.3543	1.3881	Ave		1.4678				6.9		15.0			
2-Chloronaphthalene	1.2248 1.1340	1.1927	1.1648	1.0438	1.0625	Ave		1.1371				6.3		15.0			
Diphenyl ether	0.8610 0.7046	0.8076	0.8507	0.7116	0.7521	Ave		0.7813				8.8		15.0			
2-Nitroaniline	0.6158 0.4813	0.6355	0.6437	0.5229	0.4895	Ave		0.5648				13.3		15.0			
Dimethylnaphthalene, total	0.9869 0.9879	0.9804	0.9911	0.9239	0.9062	Ave		0.9627				3.9		15.0			
Dimethyl phthalate	1.7802 1.2922	1.5878	1.6513	1.3888	1.3352	Ave		1.5059				13.0		15.0			
Coumarin	0.3125 0.2668	0.3366	0.3020	0.3021	0.2457	Ave		0.2943				11.1		15.0			
2,6-Dinitrotoluene	0.3427 0.3263	0.3682	0.3616	0.3370	0.3312	Ave		0.3445				4.9		15.0			
Acenaphthylene	1.9766 1.5089	1.9001	1.7874	1.5747	1.6089	Ave		1.7261				11.0		15.0			
3-Nitroaniline	0.3837 0.3267	0.4202	0.4305	0.3529	0.3439	Ave		0.3763				11.3		15.0			
3,5-di-tert-butyl-4-hydroxytol	0.9306 0.9668	0.9188	0.9350	0.9406	0.9482	Ave		0.9400				1.7		15.0			
Acenaphthene	1.0055 1.0961	1.0581	1.0244	0.9814	1.0716	Ave		1.0395				4.2		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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 85302

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/06/2011 16:22 Calibration End Date: 09/06/2011 18:34 Calibration ID: 12133

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								
2,4-Dinitrophenol	0.0906 0.1844	0.1147	0.1507	0.1719	0.1757	QuaF		6.5949	-2.199		0.0500				0.9952		0.9900
4-Nitrophenol	0.3653 0.2975	0.3934	0.4310	0.3666	0.3348	Ave		0.3648			0.0500	12.6		15.0			
Dibenzofuran	1.6097 1.5600	1.6893	1.6233	1.5575	1.5195	Ave		1.5932				3.8		15.0			
2,4-Dinitrotoluene	0.5213 0.4226	0.4939	0.5154	0.4362	0.4570	Ave		0.4744				8.8		15.0			
1-Naphthylamine	1.1751 0.9152	1.1484	1.1030	0.9849	0.9435	Ave		1.0450				10.6		30.0			
2,3,4,6-Tetrachlorophenol	0.3647 0.3695	0.3339	0.3685	0.3749	0.3802	Ave		0.3653				4.5		30.0			
2-Naphthylamine	1.1259 0.8467	1.1017	1.1373	0.9892	0.8652	Ave		1.0110				13.0		15.0			
Diethyl phthalate	1.7382 1.3210	1.6987	1.6139	1.3722	1.3243	Ave		1.5114				12.8		15.0			
4-Chlorophenyl phenyl ether	0.6631 0.6685	0.6662	0.6766	0.7029	0.6486	Ave		0.6710				2.7		15.0			
Fluorene	1.3666 1.2454	1.3075	1.3080	1.2839	1.2731	Ave		1.2974				3.2		15.0			
4-Nitroaniline	0.3873 0.2975	0.3443	0.3776	0.3079	0.2882	Ave		0.3338				12.7		15.0			
4,6-Dinitro-2-methylphenol	0.1284 0.1811	0.1463	0.1624	0.1697	0.1626	Ave		0.1584				11.7		15.0			
N-Nitrosodiphenylamine	0.6634 0.5878	0.6398	0.5702	0.5779	0.5588	Ave		0.5997				7.0		30.0			
1,2-Diphenylhydrazine	1.3344 1.3678	1.5682	1.5155	1.3935	1.3206	Ave		1.4167				7.2		15.0			
4-Bromophenyl phenyl ether	0.3127 0.3281	0.3290	0.3308	0.3302	0.3168	Ave		0.3246				2.4		15.0			
Hexachlorobenzene	0.3404 0.3617	0.3559	0.3484	0.3613	0.3254	Ave		0.3488				4.0		15.0			
Atrazine	0.3027 0.2405	0.2877	0.2889	0.2741	0.2390	Ave		0.2721				9.8		15.0			
Pentachlorophenol	0.1282 0.1990	0.1459	0.1697	0.2009	0.1958	QuaF		5.5705	-0.981						0.9960		0.9900
n-Octadecane	0.8248 0.6647	0.8085	0.7299	0.7332	0.6173	Ave		0.7297				11.0		15.0			
Phenanthrene	1.0754 1.0981	1.1032	1.0841	1.0797	1.0055	Ave		1.0744				3.3		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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 85302

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/06/2011 16:22 Calibration End Date: 09/06/2011 18:34 Calibration ID: 12133

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								
Anthracene	1.1874 1.1294	1.2136	1.1067	1.0382	1.0432	Ave		1.1197				6.5		15.0			
Carbazole	1.2088 0.9732	1.2118	1.1937	0.9719	0.8854	Ave		1.0741				13.7		15.0			
Di-n-butyl phthalate	2.0400 1.4722	1.9403	1.8333	1.6208	1.4840	Ave		1.7318				13.9		15.0			
Fluoranthene	1.5000 1.1613	1.4730	1.5189	1.3107	1.1466	Ave		1.3518				12.6		30.0			
Benzidine	0.3578 0.0725	0.4066	0.2438	0.1497	0.0841	Ave		0.2191				64.4	*	15.0			
Pyrene	1.5308 1.4584	1.4715	1.5517	1.5604	1.5072	Ave		1.5133				2.8		15.0			
Butyl benzyl phthalate	0.9140 0.8080	0.9691	0.9079	0.8759	0.8615	Ave		0.8894				6.1		15.0			
Carbamazepine	0.3614 0.4196	0.4261	0.4104	0.4148	0.4215	Ave		0.4090				5.9		15.0			
3,3'-Dichlorobenzidine	0.4460 0.3579	0.4629	0.4182	0.4203	0.3719	Ave		0.4129				9.9		15.0			
Benzo[a]anthracene	1.4731 1.0619	1.2458	1.1725	1.0823	1.0764	Ave		1.1853				13.3		15.0			
Bis(2-ethylhexyl) phthalate	0.9493 1.0122	0.9777	0.9528	0.9594	0.9541	Ave		0.9676				2.5		15.0			
Chrysene	0.9691 0.9364	1.0171	0.9829	0.9092	0.8935	Ave		0.9514				4.9		15.0			
Di-n-octyl phthalate	2.7997 2.3765	2.7901	3.1382	2.3949	2.4597	Ave		2.6599				11.4		30.0			
Benzo[b]fluoranthene	1.4792 1.4281	1.5983	1.6456	1.3051	1.4486	Ave		1.4841				8.3		15.0			
Benzo[k]fluoranthene	1.7761 1.2722	1.5953	1.5676	1.3671	1.3619	Ave		1.4900				12.7		15.0			
Benzo[a]pyrene	1.2197 1.0672	1.2268	1.1683	1.1741	1.1126	Ave		1.1615				5.3		30.0			
Dibenz(a,h)anthracene	0.6479 0.9489	0.7846	0.7967	0.8256	0.8662	Ave		0.8116				12.3		15.0			
Indeno[1,2,3-cd]pyrene	0.8255 1.0658	0.9720	1.0096	1.0516	0.9530	Ave		0.9796				8.9		15.0			
Benzo[g,h,i]perylene	0.7648 1.0764	0.8311	0.8385	0.9083	0.9530	Ave		0.8954				12.3		15.0			
2-Fluorophenol	1.1892 1.5574	1.4035	1.4212	1.6146	1.5639	Ave		1.4583				10.7		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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 85302

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/06/2011 16:22 Calibration End Date: 09/06/2011 18:34 Calibration ID: 12133

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								
Phenol-d5	2.4617 2.1495	2.4543	2.2909	2.2764	2.1656	Ave		2.2997				5.9		15.0			
Nitrobenzene-d5	0.6802 0.5922	0.6992	0.6953	0.6902	0.5593	Ave		0.6527				9.3		15.0			
2-Fluorobiphenyl	1.3218 1.3354	1.2107	1.2218	1.2095	1.2228	Ave		1.2537				4.7		15.0			
2,4,6-Tribromophenol	0.2578 0.2981	0.2590	0.2885	0.2942	0.2766	Ave		0.2790				6.3		15.0			
Terphenyl-d14	1.2061 1.3310	1.2297	1.2039	1.3691	1.2725	Ave		1.2687				5.4		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.: 460-30837-1 Analy Batch No.: 85302

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/06/2011 16:22 Calibration End Date: 09/06/2011 18:34 Calibration ID: 12133

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-85302/7	u69912.d
Level 2	IC 460-85302/6	u69911.d
Level 3	IC 460-85302/5	u69910.d
Level 4	ICIS 460-85302/2	u69906.d
Level 5	IC 460-85302/4	u69909.d
Level 6	IC 460-85302/3	u69907.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
1,4-Dioxane	DCB	Ave	44769 754915	83524	158179	364032	599945	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodimethylamine	DCB	Ave	53343 1146085	113100	232027	535589	888495	5.00 120	10.0	20.0	50.0	80.0
Pyridine	DCB	Ave	89667 1847681	175821	354174	829574	1369455	5.00 120	10.0	20.0	50.0	80.0
2,3,7,8-TCDD (Screen)	CRY	Ave	+++++ +++++	+++++	+++++	1706	+++++	+++++ +++++	+++++	+++++	0.500	+++++
Benzaldehyde	DCB	Ave	92782 251238	115714	173763	458189	333880	5.00 120	10.0	20.0	50.0	80.0
Aniline	DCB	Ave	146670 1835165	258592	503659	1075656	1621654	5.00 120	10.0	20.0	50.0	80.0
Phenol	DCB	Ave	135702 2265192	233090	463786	968192	1698355	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethyl)ether	DCB	Ave	11177 2003349	190233	369320	740558	1381646	0.500 120	10.0	20.0	50.0	80.0
2-Chlorophenol	DCB	Ave	76227 1200971	129292	258910	553407	877866	5.00 120	10.0	20.0	50.0	80.0
Decane	DCB	QuaF	120995 1446292	204602	375670	831881	1118740	5.00 120	10.0	20.0	50.0	80.0
1,3-Dichlorobenzene	DCB	Ave	94075 1328427	156008	318156	647630	1024238	5.00 120	10.0	20.0	50.0	80.0
1,4-Dichlorobenzene	DCB	Ave	81469 1318766	138439	276444	655624	986798	5.00 120	10.0	20.0	50.0	80.0
Benzyl alcohol	DCB	Ave	56021 952786	103145	213599	473115	740994	5.00 120	10.0	20.0	50.0	80.0
1,2-Dichlorobenzene	DCB	Ave	86744 1380368	146312	283202	596017	1002373	5.00 120	10.0	20.0	50.0	80.0
2,2'-oxybis[1-chloropropane]	DCB	Ave	168639 2267510	297515	555454	1183882	1772865	5.00 120	10.0	20.0	50.0	80.0
2-Methylphenol	DCB	Ave	78805 1349334	152188	278937	641391	997380	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.: 460-30837-1 Analy Batch No.: 85302

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/06/2011 16:22 Calibration End Date: 09/06/2011 18:34 Calibration ID: 12133

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
o-Toluidine	DCB	Ave	99183 1515588	176726	351039	767571	1202004	5.00 120	10.0	20.0	50.0	80.0
Acetophenone	DCB	Ave	149039 2037128	240039	433662	948070	1608745	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodi-n-propylamine	DCB	Ave	7687 1179970	152467	300154	519587	958721	0.500 120	10.0	20.0	50.0	80.0
3 & 4 Methylphenol	DCB	Ave	84962 1606934	157367	287172	662927	1133116	5.00 120	10.0	20.0	50.0	80.0
4-Methylphenol	DCB	Ave	84962 1564791	147968	272570	644696	1107670	5.00 120	10.0	20.0	50.0	80.0
Hexachloroethane	DCB	Ave	3890 609121	75566	143983	303175	462690	0.500 120	10.0	20.0	50.0	80.0
n,n'-Dimethylaniline	DCB	Ave	8556 1652542	180083	321048	712085	1223352	0.500 120	10.0	20.0	50.0	80.0
Nitrobenzene	NPT	Ave	13476 2115466	280947	501833	1082860	1673467	0.500 120	10.0	20.0	50.0	80.0
Isophorone	NPT	Ave	237661 3448671	408449	834496	1761372	2812426	5.00 120	10.0	20.0	50.0	80.0
2-Nitrophenol	NPT	Ave	47482 766344	78062	161106	372265	572015	5.00 120	10.0	20.0	50.0	80.0
2,4-Dimethylphenol	NPT	Ave	62042 1063091	115199	245048	506098	820085	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethoxy)methane	NPT	Ave	125032 1724823	210853	438225	876218	1341571	5.00 120	10.0	20.0	50.0	80.0
2,4-Dichlorophenol	NPT	Ave	68593 1127926	128919	260266	589184	904131	5.00 120	10.0	20.0	50.0	80.0
Benzoic acid	NPT	QuaF	10419 486075	37087	83578	252801	385209	5.00 120	10.0	20.0	50.0	80.0
1,2,4-Trichlorobenzene	NPT	Ave	7974 1087786	121955	237826	505559	835157	0.500 120	10.0	20.0	50.0	80.0
Naphthalene	NPT	Ave	169792 2806421	307412	609974	1319432	2130717	5.00 120	10.0	20.0	50.0	80.0
4-Chloroaniline	NPT	Ave	79943 1302930	149977	286523	580211	1034231	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobutadiene	NPT	Ave	10108 759035	91834	172836	373886	567220	1.00 120	10.0	20.0	50.0	80.0
Caprolactam	NPT	Ave	25498 452184	40039	83342	205457	331493	5.00 120	10.0	20.0	50.0	80.0
4-Chloro-3-methylphenol	NPT	Ave	85698 1408465	169883	328846	692653	1071882	5.00 120	10.0	20.0	50.0	80.0
2-Methylnaphthalene	NPT	Ave	150827 2260972	254075	517888	1072264	1702250	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.: 460-30837-1 Analy Batch No.: 85302

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/06/2011 16:22 Calibration End Date: 09/06/2011 18:34 Calibration ID: 12133

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-Methylnaphthalene	NPT	Ave	151236 2487837	237272	469399	1110751	1781021	5.00 120	10.0	20.0	50.0	80.0
Hexachlorocyclopentadiene	ANT	QuaF	21465 712095	41545	102464	304712	490383	5.00 120	10.0	20.0	50.0	80.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	76677 1236565	133624	240755	593433	897378	5.00 120	10.0	20.0	50.0	80.0
2-tertbutyl-4-methylphenol	NPT	Ave	112123 1806911	184493	368098	845200	1311372	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Trichlorophenol	ANT	Ave	43615 815458	81265	159416	367958	560964	5.00 120	10.0	20.0	50.0	80.0
2,4,5-Trichlorophenol	ANT	Ave	46003 935492	75344	166025	384745	687520	5.00 120	10.0	20.0	50.0	80.0
Diphenyl	ANT	Ave	177280 2842738	304763	594322	1262373	2123492	5.00 120	10.0	20.0	50.0	80.0
2-Chloronaphthalene	ANT	Ave	135489 2307344	234546	456954	972927	1625334	5.00 120	10.0	20.0	50.0	80.0
Diphenyl ether	ANT	Ave	95249 1433599	158815	333742	663271	1150470	5.00 120	10.0	20.0	50.0	80.0
2-Nitroaniline	ANT	Ave	136251 979213	124969	252519	487405	748817	10.0 120	10.0	20.0	50.0	80.0
Dimethylnaphthalene, total	ANT	Ave	109171 2010186	192794	388809	861207	1386292	5.00 120	10.0	20.0	50.0	80.0
Dimethyl phthalate	ANT	Ave	196936 2629303	312245	647793	1294479	2042494	5.00 120	10.0	20.0	50.0	80.0
Coumarin	NPT	Ave	55654 846024	98554	185277	411702	625873	5.00 120	10.0	20.0	50.0	80.0
2,6-Dinitrotoluene	ANT	Ave	7583 663908	72408	141840	314119	506729	1.00 120	10.0	20.0	50.0	80.0
Acenaphthylene	ANT	Ave	218654 3070261	373653	701171	1467815	2461294	5.00 120	10.0	20.0	50.0	80.0
3-Nitroaniline	ANT	Ave	84890 664829	82639	168901	328941	526138	10.0 120	10.0	20.0	50.0	80.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	102947 1967178	180677	366785	876774	1450589	5.00 120	10.0	20.0	50.0	80.0
Acenaphthene	ANT	Ave	111233 2230297	208081	401867	914744	1639327	5.00 120	10.0	20.0	50.0	80.0
2,4-Dinitrophenol	ANT	QuaF	30068 375139	45116	88683	160226	268736	15.0 120	20.0	30.0	50.0	80.0
4-Nitrophenol	ANT	Ave	121244 605418	154730	253605	341715	512220	15.0 120	20.0	30.0	50.0	80.0
Dibenzofuran	ANT	Ave	178075 3174128	332199	636801	1451723	2324510	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.: 460-30837-1 Analy Batch No.: 85302

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/06/2011 16:22 Calibration End Date: 09/06/2011 18:34 Calibration ID: 12133

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
2,4-Dinitrotoluene	ANT	Ave	11533 859807	97116	202182	406576	699094	1.00 120	10.0	20.0	50.0	80.0
1-Naphthylamine	ANT	Ave	129995 1862094	225826	432695	918016	1443405	5.00 120	10.0	20.0	50.0	80.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	40342 751900	65666	144563	349429	581590	5.00 120	10.0	20.0	50.0	80.0
2-Naphthylamine	ANT	Ave	124552 1722696	216657	446150	922023	1323590	5.00 120	10.0	20.0	50.0	80.0
Diethyl phthalate	ANT	Ave	192290 2687923	334041	633130	1279056	2025863	5.00 120	10.0	20.0	50.0	80.0
4-Chlorophenyl phenyl ether	ANT	Ave	73351 1360206	131013	265421	655208	992265	5.00 120	10.0	20.0	50.0	80.0
Fluorene	ANT	Ave	151174 2533943	257120	513107	1196707	1947486	5.00 120	10.0	20.0	50.0	80.0
4-Nitroaniline	ANT	Ave	85685 605380	67702	148127	286983	440819	10.0 120	10.0	20.0	50.0	80.0
4,6-Dinitro-2-methylphenol	PHN	Ave	64257 517785	85438	146014	220415	357653	15.0 120	20.0	30.0	50.0	80.0
N-Nitrosodiphenylamine	PHN	Ave	110669 1680752	186823	341815	750413	1229474	5.00 120	10.0	20.0	50.0	80.0
1,2-Diphenylhydrazine	PHN	Ave	222601 3910940	457892	908530	1809483	2905418	5.00 120	10.0	20.0	50.0	80.0
4-Bromophenyl phenyl ether	PHN	Ave	52170 938101	96063	198312	428775	697038	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobenzene	PHN	Ave	5678 1034064	103909	208851	469204	715844	0.500 120	10.0	20.0	50.0	80.0
Atrazine	PHN	Ave	50494 687688	84006	173200	355861	525759	5.00 120	10.0	20.0	50.0	80.0
Pentachlorophenol	PHN	QuaF	64171 568979	85178	152596	260921	430770	15.0 120	20.0	30.0	50.0	80.0
n-Octadecane	PHN	Ave	137589 1900476	236063	437539	952064	1358185	5.00 120	10.0	20.0	50.0	80.0
Phenanthrene	PHN	Ave	179397 3139824	322128	649922	1402004	2212135	5.00 120	10.0	20.0	50.0	80.0
Anthracene	PHN	Ave	198071 3229275	354357	663478	1348060	2295093	5.00 120	10.0	20.0	50.0	80.0
Carbazole	PHN	Ave	201634 2782571	353827	715589	1261987	1947871	5.00 120	10.0	20.0	50.0	80.0
Di-n-butyl phthalate	PHN	Ave	340304 4209403	566546	1099047	2104590	3265021	5.00 120	10.0	20.0	50.0	80.0
Fluoranthene	PHN	Ave	250216 3320389	430102	910581	1701879	2522756	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.: 460-30837-1 Analy Batch No.: 85302

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/06/2011 16:22 Calibration End Date: 09/06/2011 18:34 Calibration ID: 12133

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
Benzidine	PHN	Ave	59691 207397	237443	219214	194445	185001	5.00 120	20.0	30.0	50.0	80.0
Pyrene	CRY	Ave	251548 2961195	403520	817275	1397952	2228506	5.00 120	10.0	20.0	50.0	80.0
Butyl benzyl phthalate	CRY	Ave	150200 1640624	265751	478214	784697	1273823	5.00 120	10.0	20.0	50.0	80.0
Carbamazepine	CRY	Ave	59380 852009	116847	216169	371574	623270	5.00 120	10.0	20.0	50.0	80.0
3,3'-Dichlorobenzidine	CRY	Ave	146567 726717	253877	330381	376515	549849	10.0 120	20.0	30.0	50.0	80.0
Benzo[a]anthracene	CRY	Ave	24207 2156086	341623	617544	969607	1591617	0.500 120	10.0	20.0	50.0	80.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	155999 2055234	268095	501850	859496	1410812	5.00 120	10.0	20.0	50.0	80.0
Chrysene	CRY	Ave	159246 1901313	278915	517709	814516	1321106	5.00 120	10.0	20.0	50.0	80.0
Di-n-octyl phthalate	PRY	Ave	300186 3085710	498277	944776	1393745	2213185	5.00 120	10.0	20.0	50.0	80.0
Benzo[b]fluoranthene	PRY	Ave	15860 1854312	285435	495415	759479	1303371	0.500 120	10.0	20.0	50.0	80.0
Benzo[k]fluoranthene	PRY	Ave	19044 1651790	284894	471926	795587	1225402	0.500 120	10.0	20.0	50.0	80.0
Benzo[a]pyrene	PRY	Ave	13078 1385615	219088	351728	683272	1001102	0.500 120	10.0	20.0	50.0	80.0
Dibenz(a,h)anthracene	PRY	Ave	6947 1232032	140115	239845	480485	779372	0.500 120	10.0	20.0	50.0	80.0
Indeno[1,2,3-cd]pyrene	PRY	Ave	8851 1383858	173585	303945	612002	857516	0.500 120	10.0	20.0	50.0	80.0
Benzo[g,h,i]perylene	PRY	Ave	82004 1397664	148430	252428	528602	857516	5.00 120	10.0	20.0	50.0	80.0
2-Fluorophenol	DCB	Ave	63647 1554407	130298	280809	711851	1173601	5.00 120	10.0	20.0	50.0	80.0
Phenol-d5	DCB	Ave	131748 2145423	227858	452640	1003623	1625107	5.00 120	10.0	20.0	50.0	80.0
Nitrobenzene-d5	NPT	Ave	121155 1877794	204758	426551	940479	1424792	5.00 120	10.0	20.0	50.0	80.0
2-Fluorobiphenyl	ANT	Ave	146221 2717188	238077	479321	1127408	1870588	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Tribromophenol	ANT	Ave	28519 606613	50938	113158	274202	423115	5.00 120	10.0	20.0	50.0	80.0
Terphenyl-d14	CRY	Ave	198201 2702533	337217	634078	1226591	1881539	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.: 460-30837-1 Analy Batch No.: 85302

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/06/2011 16:22 Calibration End Date: 09/06/2011 18:34 Calibration ID: 12133

Curve Type Legend:

Ave = Average ISTD
QuaF = Quadratic ISTD forced zero

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 86806

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/20/2011 13:28 Calibration End Date: 09/20/2011 15:10 Calibration ID: 12313

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-86806/4	u70275.d
Level 2	IC 460-86806/7	u70278.d
Level 3	IC 460-86806/6	u70277.d
Level 4	ICIS 460-86806/2	u70273.d
Level 5	IC 460-86806/5	u70276.d
Level 6	IC 460-86806/3	u70274.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								
1,4-Dioxane	0.5999 0.5806	0.5851	0.6386	0.6452	0.5830	Ave		0.6054				4.8		15.0			
N-Nitrosodimethylamine	0.9906 0.9726	1.1302	1.1022	1.0112	1.0373	Ave		1.0407				6.0		15.0			
Pyridine	1.5487 1.6038	1.5966	1.7127	1.5933	1.5389	Ave		1.5990				3.9		15.0			
2,3,7,8-TCDD (Screen)	+++++ +++++	+++++	+++++	0.1848	+++++	Ave		0.1848						15.0			
Benzaldehyde	1.5583 0.0774	1.0484	0.7660	0.5911	0.2878	Ave		0.7215				74.1	*	15.0			
Aniline	2.8701 2.1272	2.8957	2.8192	2.5342	2.4306	Ave		2.6128				11.7		15.0			
Phenol	2.6732 2.0164	2.4198	2.1968	1.9297	1.8470	Ave		2.1805				14.5		30.0			
Bis(2-chloroethyl)ether	1.5954 1.6941	1.8859	1.8051	1.6390	1.5915	Ave		1.7019				7.1		15.0			
2-Chlorophenol	1.5207 1.1582	1.4160	1.3081	1.1735	1.2131	Ave		1.2983				11.2		15.0			
Decane	2.1145 1.4628	2.0783	2.0398	1.8860	1.6044	Ave		1.8643				14.6		15.0			
1,3-Dichlorobenzene	1.6703 1.3220	1.6466	1.5438	1.4600	1.4232	Ave		1.5110				8.9		15.0			
1,4-Dichlorobenzene	1.4395 1.3214	1.5617	1.5334	1.3755	1.3251	Ave		1.4261				7.3		30.0			
1,2-Dichlorobenzene	1.5184 1.3270	1.5369	1.4816	1.4620	1.4136	Ave		1.4566				5.3		15.0			
Benzyl alcohol	0.9249 0.8761	1.0063	0.9928	0.9075	0.9106	Ave		0.9364				5.5		15.0			
2,2'-oxybis[1-chloropropane]	3.2214 2.3750	3.1246	3.1529	2.7130	2.5552	Ave		2.8570				12.5		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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 86806

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/20/2011 13:28 Calibration End Date: 09/20/2011 15:10 Calibration ID: 12313

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-Methylphenol	1.5425 1.1553	1.4581	1.3665	1.2358	1.1829	Ave		1.3235				11.9		15.0			
o-Toluidine	1.7789 1.4755	1.8777	1.7518	1.5107	1.4841	Ave		1.6464				10.7		15.0			
Acetophenone	2.5448 1.7654	2.1842	2.2498	1.8943	1.7897	Ave		2.0714				14.8		15.0			
N-Nitrosodi-n-propylamine	1.4213 1.0324	1.4397	1.3490	1.0821	0.9710	LinF		1.0317							0.9924		0.9900
3 & 4 Methylphenol	1.6904 1.2078	1.5875	1.4722	1.3592	1.2737	Ave		1.4318				13.0		15.0			
4-Methylphenol	1.5977 1.2078	1.5158	1.4371	1.3312	1.2737	Ave		1.3939				10.7		15.0			
Hexachloroethane	0.6410 0.5899	0.6807	0.6814	0.6344	0.5867	Ave		0.6357				6.5		15.0			
n,n'-Dimethylaniline	1.6173 1.5150	1.7231	1.6696	1.5587	1.5545	Ave		1.6064				4.9		15.0			
Nitrobenzene	0.8007 0.6220	0.8061	0.7119	0.6960	0.6286	Ave		0.7109				11.3		15.0			
Isophorone	1.2990 0.9851	1.2513	1.2032	1.0815	1.0603	Ave		1.1468				10.7		15.0			
2-Nitrophenol	0.2881 0.2274	0.2789	0.2812	0.2623	0.2320	Ave		0.2617				10.0		30.0			
2,4-Dimethylphenol	0.3901 0.3188	0.3994	0.3656	0.3259	0.3331	Ave		0.3555				9.7		15.0			
Bis(2-chloroethoxy)methane	0.7226 0.5452	0.6691	0.6367	0.5741	0.5476	Ave		0.6159				11.7		15.0			
2,4-Dichlorophenol	0.4190 0.3440	0.4208	0.3872	0.3598	0.3571	Ave		0.3813				8.7		30.0			
Benzoic acid	0.0524 0.1449	0.1060	0.1474	0.1517	0.1488	LinF		0.1466							0.9976		0.9900
1,2,4-Trichlorobenzene	0.3916 0.3432	0.3809	0.3629	0.3433	0.3387	Ave		0.3601				6.2		15.0			
Naphthalene	0.9879 0.9043	1.0368	0.9414	0.8699	0.9579	Ave		0.9497				6.2		15.0			
4-Chloroaniline	0.4533 0.3622	0.4623	0.4156	0.3853	0.3826	Ave		0.4102				9.9		15.0			
Hexachlorobutadiene	0.2680 0.2222	0.2580	0.2450	0.2431	0.2224	Ave		0.2431				7.6		30.0			
Caprolactam	0.1238 0.0978	0.0856	0.0932	0.1271	0.1027	QuaF		7.3816	9.6083						0.9921		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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 86806

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/20/2011 13:28 Calibration End Date: 09/20/2011 15:10 Calibration ID: 12313

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-Chloro-3-methylphenol	0.5223 0.3814	0.5042	0.4608	0.4355	0.3787	Ave		0.4471				13.5		30.0			
2-Methylnaphthalene	0.8661 0.6570	0.7708	0.7193	0.6889	0.6713	Ave		0.7289				10.8		15.0			
1-Methylnaphthalene	0.8148 0.6686	0.7551	0.7416	0.6995	0.6893	Ave		0.7281				7.3		15.0			
Hexachlorocyclopentadiene	0.2053 0.3367	0.2644	0.2788	0.3142	0.2955	LinF		0.3230							0.9914		0.9900
1,2,4,5-Tetrachlorobenzene	0.7144 0.6429	0.6418	0.6767	0.6001	0.5492	Ave		0.6375				9.1		30.0			
2-tertbutyl-4-methylphenol	0.6507 0.4976	0.5718	0.5604	0.5223	0.4802	Ave		0.5472				11.3		15.0			
2,4,6-Trichlorophenol	0.4476 0.3725	0.4098	0.4229	0.3877	0.3455	Ave		0.3977				9.2		30.0			
2,4,5-Trichlorophenol	0.4600 0.3975	0.4224	0.4123	0.4025	0.3529	Ave		0.4079				8.6		15.0			
Diphenyl	1.6293 1.4684	1.4888	1.4444	1.3684	1.3376	Ave		1.4562				7.1		15.0			
2-Chloronaphthalene	1.2403 1.1191	1.1754	1.0831	1.0862	1.0306	Ave		1.1225				6.7		15.0			
Diphenyl ether	0.8094 0.7620	0.8333	0.7617	0.7783	0.7349	Ave		0.7799				4.6		15.0			
2-Nitroaniline	0.5574 0.4094	0.5347	0.4837	0.4598	0.4199	Ave		0.4775				12.6		15.0			
Dimethylnaphthalene, total	1.0473 0.9154	0.9987	0.9621	0.9129	0.8794	Ave		0.9526				6.6		15.0			
Dimethyl phthalate	1.4425 1.1339	1.4139	1.2494	1.3339	1.1279	Ave		1.2836				10.6		15.0			
Coumarin	0.2841 0.1999	0.2649	0.2412	0.2490	0.2137	Ave		0.2421				13.0		15.0			
2,6-Dinitrotoluene	0.2790 0.2928	0.3291	0.3066	0.3397	0.2839	Ave		0.3052				8.1		15.0			
Acenaphthylene	2.0027 1.4980	1.9018	1.6792	1.5819	1.5009	Ave		1.6941				12.6		15.0			
3-Nitroaniline	0.3478 0.2448	0.3332	0.3066	0.3209	0.2797	Ave		0.3055				12.4		15.0			
Acenaphthene	1.0051 0.9419	1.0623	0.9328	1.0402	0.9689	Ave		0.9918				5.3		30.0			
3,5-di-tert-butyl-4-hydroxytol	0.9488 0.8399	0.8842	0.8924	0.8116	0.7622	Ave		0.8565				7.7		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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 86806

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/20/2011 13:28 Calibration End Date: 09/20/2011 15:10 Calibration ID: 12313

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								
2,4-Dinitrophenol	0.1028 0.1433	0.1169	0.1262	0.1563	0.1328	QuaF		7.5464	-1.311		0.0500				0.9911		0.9900
Dibenzofuran	1.8195 1.3325	1.6734	1.4670	1.5059	1.2957	Ave		1.5157				13.2		15.0			
4-Nitrophenol	0.2880 0.2138	0.2879	0.2405	0.2939	0.2240	Ave		0.2580			0.0500	14.0		15.0			
2,4-Dinitrotoluene	0.3886 0.3335	0.4039	0.3643	0.4047	0.3369	Ave		0.3720				8.6		15.0			
1-Naphthylamine	1.0408 0.7456	0.9839	0.9336	0.9722	0.7965	Ave		0.9121				12.7		30.0			
2,3,4,6-Tetrachlorophenol	0.3247 0.2981	0.3377	0.3010	0.3505	0.2972	Ave		0.3182				7.2		30.0			
2-Naphthylamine	0.9668 0.7319	0.9782	0.8578	0.8847	0.7572	Ave		0.8628				11.9		15.0			
Diethyl phthalate	1.5220 1.0644	1.4096	1.2535	1.3032	1.0812	Ave		1.2723				14.2		15.0			
Fluorene	1.3585 1.0405	1.2124	1.0723	1.2450	1.0432	Ave		1.1620				11.2		15.0			
4-Chlorophenyl phenyl ether	0.6324 0.4919	0.6237	0.5356	0.5808	0.5052	Ave		0.5616				10.7		15.0			
4-Nitroaniline	0.3034 0.2252	0.2722	0.2370	0.3041	0.2315	Ave		0.2622				13.8		15.0			
4,6-Dinitro-2-methylphenol	0.1308 0.1859	0.1477	0.1471	0.1723	0.1665	Ave		0.1584				12.7		15.0			
N-Nitrosodiphenylamine	0.6821 0.7152	0.6609	0.5926	0.6248	0.6299	Ave		0.6509				6.8		30.0			
1,2-Diphenylhydrazine	1.4197 1.5282	1.6541	1.4602	1.3923	1.3528	Ave		1.4679				7.4		15.0			
4-Bromophenyl phenyl ether	0.3483 0.3499	0.3336	0.3184	0.3254	0.3007	Ave		0.3294				5.7		15.0			
Hexachlorobenzene	0.4081 0.3701	0.3397	0.3200	0.3397	0.3175	Ave		0.3492				9.9		15.0			
Atrazine	0.2824 0.2468	0.2476	0.2472	0.2631	0.2357	Ave		0.2538				6.5		15.0			
Pentachlorophenol	0.1608 0.2026	0.1581	0.1674	0.1984	0.1731	Ave		0.1767				10.8		30.0			
n-Octadecane	0.8502 0.8498	0.8422	0.8249	0.6668	0.7643	Ave		0.7997				9.1		15.0			
Phenanthrene	1.0831 1.0180	1.0805	1.0109	1.0653	0.9826	Ave		1.0401				4.0		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 CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 86806

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/20/2011 13:28 Calibration End Date: 09/20/2011 15:10 Calibration ID: 12313

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								
Anthracene	1.2436 1.0871	1.1620	1.0576	1.0786	1.0182	Ave		1.1078				7.4		15.0			
Carbazole	1.1331 0.9554	1.1320	0.9834	1.0149	0.8796	Ave		1.0164				9.9		15.0			
Di-n-butyl phthalate	1.8180 1.4438	1.7699	1.5168	1.5616	1.3414	Ave		1.5752				11.8		15.0			
Fluoranthene	1.2225 1.1055	1.3019	1.0899	1.2336	1.1273	Ave		1.1801				7.2		30.0			
Benzidine	0.2260 0.0358	0.3776	0.1847	0.0966	0.0517	Ave		0.1621				79.7	*	15.0			
Pyrene	2.0277 1.7246	1.7206	1.6433	1.7239	1.6468	Ave		1.7478				8.1		15.0			
Butyl benzyl phthalate	0.9660 0.7898	0.9018	0.8774	0.8910	0.8394	Ave		0.8776				6.8		15.0			
Carbamazepine	0.3155 0.3617	0.3696	0.3897	0.3826	0.4014	Ave		0.3701				8.2		15.0			
3,3'-Dichlorobenzidine	0.4271 0.3326	0.4262	0.3779	0.3986	0.3367	Ave		0.3832				10.9		15.0			
Benzo[a]anthracene	1.2853 1.0659	1.1574	1.0990	1.1238	1.0982	Ave		1.1383				6.9		15.0			
Chrysene	1.0750 0.9782	1.0673	1.0231	1.0022	0.9143	Ave		1.0100				5.9		15.0			
Bis(2-ethylhexyl) phthalate	1.0580 0.8241	1.0207	0.9239	0.8400	0.8349	Ave		0.9169				11.1		15.0			
Di-n-octyl phthalate	2.4388 2.1236	2.5552	2.3205	2.4012	2.2100	Ave		2.3416				6.7		30.0			
Benzo[b]fluoranthene	1.3581 1.4331	1.3666	1.3618	1.3834	1.4093	Ave		1.3854				2.2		15.0			
Benzo[k]fluoranthene	1.5198 1.2230	1.4505	1.2718	1.3678	1.2037	Ave		1.3394				9.6		15.0			
Benzo[a]pyrene	1.1184 1.0876	1.1651	1.0749	1.1447	1.1097	Ave		1.1167				3.0		30.0			
Indeno[1,2,3-cd]pyrene	0.8530 1.2202	0.9318	0.9433	1.0041	1.0869	Ave		1.0066				13.0		15.0			
Dibenz(a,h)anthracene	0.5479 0.9505	0.7950	0.7462	0.8022	0.8508	LinF		0.9080							0.9902		0.9900
Benzo[g,h,i]perylene	0.8222 1.0502	0.8002	0.8194	0.8094	0.9431	Ave		0.8741				11.6		15.0			
2-Fluorophenol	1.1942 1.4713	1.4315	1.5564	1.5087	1.4758	Ave		1.4396				8.8		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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 86806

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/20/2011 13:28 Calibration End Date: 09/20/2011 15:10 Calibration ID: 12313

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								
Phenol-d5	2.3403 1.9782	2.2993	2.3799	1.9338	1.9548	Ave		2.1477				9.9		15.0			
Nitrobenzene-d5	0.6717 0.5195	0.6447	0.6193	0.6104	0.5670	Ave		0.6054				9.1		15.0			
2-Fluorobiphenyl	1.3255 1.2145	1.2500	1.2310	1.1375	1.1118	Ave		1.2117				6.4		15.0			
2,4,6-Tribromophenol	0.2466 0.2008	0.2273	0.2290	0.2448	0.2033	Ave		0.2253				8.7		15.0			
Terphenyl-d14	1.5058 1.2702	1.1839	1.3413	1.3553	1.2380	Ave		1.3157				8.6		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 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 86806

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/20/2011 13:28 Calibration End Date: 09/20/2011 15:10 Calibration ID: 12313

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-86806/4	u70275.d
Level 2	IC 460-86806/7	u70278.d
Level 3	IC 460-86806/6	u70277.d
Level 4	ICIS 460-86806/2	u70273.d
Level 5	IC 460-86806/5	u70276.d
Level 6	IC 460-86806/3	u70274.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
1,4-Dioxane	DCB	Ave	27387 484542	50258	105067	249428	312609	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodimethylamine	DCB	Ave	45220 811641	97071	181333	390890	556245	5.00 120	10.0	20.0	50.0	80.0
Pyridine	DCB	Ave	70695 1338334	137135	281781	615899	825241	5.00 120	10.0	20.0	50.0	80.0
2,3,7,8-TCDD (Screen)	CRY	Ave	+++++ +++++	+++++	+++++	1124	+++++	+++++ +++++	+++++	+++++	0.500	+++++
Benzaldehyde	DCB	Ave	71137 64561	90044	126028	228496	154322	5.00 120	10.0	20.0	50.0	80.0
Aniline	DCB	Ave	131017 1775132	248710	463823	979626	1303414	5.00 120	10.0	20.0	50.0	80.0
Phenol	DCB	Ave	122029 1682719	207839	361418	745950	990434	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethyl)ether	DCB	Ave	7283 1413734	161984	296984	633598	853451	0.500 120	10.0	20.0	50.0	80.0
2-Chlorophenol	DCB	Ave	69420 966480	121617	215215	453652	650540	5.00 120	10.0	20.0	50.0	80.0
Decane	DCB	Ave	96526 1220711	178509	335598	729067	860363	5.00 120	10.0	20.0	50.0	80.0
1,3-Dichlorobenzene	DCB	Ave	76248 1103230	141426	253989	564376	763199	5.00 120	10.0	20.0	50.0	80.0
1,4-Dichlorobenzene	DCB	Ave	65712 1102698	134136	252279	531732	710569	5.00 120	10.0	20.0	50.0	80.0
1,2-Dichlorobenzene	DCB	Ave	69315 1107398	132006	243753	565145	758051	5.00 120	10.0	20.0	50.0	80.0
Benzyl alcohol	DCB	Ave	42222 731134	86432	163333	350798	488309	5.00 120	10.0	20.0	50.0	80.0
2,2'-oxybis[1-chloropropane]	DCB	Ave	147054 1981918	268372	518726	1048771	1370248	5.00 120	10.0	20.0	50.0	80.0
2-Methylphenol	DCB	Ave	70412 964114	125235	224818	477705	634319	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.: 460-30837-1 Analy Batch No.: 86806

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/20/2011 13:28 Calibration End Date: 09/20/2011 15:10 Calibration ID: 12313

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
o-Toluidine	DCB	Ave	81204 1231276	161279	288206	583986	795860	5.00 120	10.0	20.0	50.0	80.0
Acetophenone	DCB	Ave	116166 1473237	187604	370139	732266	959747	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodi-n-propylamine	DCB	LinF	6488 861550	123659	221940	418319	520706	0.500 120	10.0	20.0	50.0	80.0
3 & 4 Methylphenol	DCB	Ave	77164 1007882	136350	242201	525435	682999	5.00 120	10.0	20.0	50.0	80.0
4-Methylphenol	DCB	Ave	72932 1007882	130195	236438	514597	682999	5.00 120	10.0	20.0	50.0	80.0
Hexachloroethane	DCB	Ave	2926 492301	58463	112111	245230	314632	0.500 120	10.0	20.0	50.0	80.0
n,n'-Dimethylaniline	DCB	Ave	7383 1264301	147995	274684	602551	833619	0.500 120	10.0	20.0	50.0	80.0
Nitrobenzene	NPT	Ave	11666 1551807	220236	381385	809516	1043080	0.500 120	10.0	20.0	50.0	80.0
Isophorone	NPT	Ave	189267 2457777	341898	644619	1257835	1759399	5.00 120	10.0	20.0	50.0	80.0
2-Nitrophenol	NPT	Ave	41983 567465	76206	150640	305061	384982	5.00 120	10.0	20.0	50.0	80.0
2,4-Dimethylphenol	NPT	Ave	56833 795453	109118	195881	379033	552692	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethoxy)methane	NPT	Ave	105285 1360334	182819	341084	667657	908644	5.00 120	10.0	20.0	50.0	80.0
2,4-Dichlorophenol	NPT	Ave	61043 858202	114969	207436	418441	592578	5.00 120	10.0	20.0	50.0	80.0
Benzoic acid	NPT	LinF	7631 361485	28951	78947	176379	246919	5.00 120	10.0	20.0	50.0	80.0
1,2,4-Trichlorobenzene	NPT	Ave	5705 856164	104062	194419	399329	562073	0.500 120	10.0	20.0	50.0	80.0
Naphthalene	NPT	Ave	143937 2256252	283292	504361	1011744	1589384	5.00 120	10.0	20.0	50.0	80.0
4-Chloroaniline	NPT	Ave	66043 903670	126324	222677	448103	634889	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobutadiene	NPT	Ave	7810 554391	70504	131251	282766	369090	1.00 120	10.0	20.0	50.0	80.0
Caprolactam	NPT	QuaF	18037 244083	23380	49927	147788	170393	5.00 120	10.0	20.0	50.0	80.0
4-Chloro-3-methylphenol	NPT	Ave	76092 951679	137761	246841	506492	628454	5.00 120	10.0	20.0	50.0	80.0
2-Methylnaphthalene	NPT	Ave	126193 1639057	210607	385329	801187	1113879	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.: 460-30837-1 Analy Batch No.: 86806

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/20/2011 13:28 Calibration End Date: 09/20/2011 15:10 Calibration ID: 12313

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-Methylnaphthalene	NPT	Ave	118717 1667999	206319	397318	813565	1143675	5.00 120	10.0	20.0	50.0	80.0
Hexachlorocyclopentadiene	ANT	LinF	18780 481060	43739	91833	219910	301992	5.00 120	10.0	20.0	50.0	80.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	65362 918626	106184	222863	420029	561360	5.00 120	10.0	20.0	50.0	80.0
2-tertbutyl-4-methylphenol	NPT	Ave	94813 1241447	156240	300220	607479	796817	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Trichlorophenol	ANT	Ave	40948 532282	67796	139292	271327	353144	5.00 120	10.0	20.0	50.0	80.0
2,4,5-Trichlorophenol	ANT	Ave	42081 567937	69882	135796	281746	360692	5.00 120	10.0	20.0	50.0	80.0
Diphenyl	ANT	Ave	149068 2097980	246306	475709	957771	1367151	5.00 120	10.0	20.0	50.0	80.0
2-Chloronaphthalene	ANT	Ave	113478 1598954	194459	356718	760265	1053366	5.00 120	10.0	20.0	50.0	80.0
Diphenyl ether	ANT	Ave	74055 1088676	137855	250847	544777	751128	5.00 120	10.0	20.0	50.0	80.0
2-Nitroaniline	ANT	Ave	102000 584953	88461	159311	321811	429221	10.0 120	10.0	20.0	50.0	80.0
Dimethylnaphthalene, total	ANT	Ave	95820 1307875	165219	316866	638938	898832	5.00 120	10.0	20.0	50.0	80.0
Dimethyl phthalate	ANT	Ave	131978 1620141	233913	411485	933634	1152793	5.00 120	10.0	20.0	50.0	80.0
Coumarin	NPT	Ave	41398 498809	72380	129201	289631	354593	5.00 120	10.0	20.0	50.0	80.0
2,6-Dinitrotoluene	ANT	Ave	5106 418362	54440	100972	237748	290128	1.00 120	10.0	20.0	50.0	80.0
Acenaphthylene	ANT	Ave	183226 2140274	314624	553026	1107183	1534037	5.00 120	10.0	20.0	50.0	80.0
3-Nitroaniline	ANT	Ave	63635 349697	55123	100968	224584	285844	10.0 120	10.0	20.0	50.0	80.0
Acenaphthene	ANT	Ave	91953 1345737	175738	307202	728058	990298	5.00 120	10.0	20.0	50.0	80.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	86803 1200094	146286	293891	568071	779047	5.00 120	10.0	20.0	50.0	80.0
2,4-Dinitrophenol	ANT	QuaF	28216 204719	38693	62330	109423	135779	15.0 120	20.0	30.0	50.0	80.0
Dibenzofuran	ANT	Ave	166463 1903864	276844	483153	1053976	1324298	5.00 120	10.0	20.0	50.0	80.0
4-Nitrophenol	ANT	Ave	79052 305419	95268	118806	205693	228974	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.: 460-30837-1 Analy Batch No.: 86806

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/20/2011 13:28 Calibration End Date: 09/20/2011 15:10 Calibration ID: 12313

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
2,4-Dinitrotoluene	ANT	Ave	7111 476424	66825	119975	283228	344368	1.00 120	10.0	20.0	50.0	80.0
1-Naphthylamine	ANT	Ave	95221 1065242	162770	307463	680472	814045	5.00 120	10.0	20.0	50.0	80.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	29703 425898	55864	99141	245317	303788	5.00 120	10.0	20.0	50.0	80.0
2-Naphthylamine	ANT	Ave	88456 1045693	161836	282523	619238	773888	5.00 120	10.0	20.0	50.0	80.0
Diethyl phthalate	ANT	Ave	139250 1520777	233202	412826	912163	1105093	5.00 120	10.0	20.0	50.0	80.0
Fluorene	ANT	Ave	124294 1486581	200583	353154	871420	1066213	5.00 120	10.0	20.0	50.0	80.0
4-Chlorophenyl phenyl ether	ANT	Ave	57861 702742	103184	176389	406521	516356	5.00 120	10.0	20.0	50.0	80.0
4-Nitroaniline	ANT	Ave	55518 321718	45031	78065	212854	236626	10.0 120	10.0	20.0	50.0	80.0
4,6-Dinitro-2-methylphenol	PHN	Ave	46569 263195	61778	87427	156135	190024	15.0 120	20.0	30.0	50.0	80.0
N-Nitrosodiphenylamine	PHN	Ave	80963 1012532	138184	234772	566064	719038	5.00 120	10.0	20.0	50.0	80.0
1,2-Diphenylhydrazine	PHN	Ave	168525 2163520	345849	578458	1261454	1544391	5.00 120	10.0	20.0	50.0	80.0
4-Bromophenyl phenyl ether	PHN	Ave	41340 495355	69741	126140	294847	343272	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobenzene	PHN	Ave	4844 523949	71015	126776	307804	362438	0.500 120	10.0	20.0	50.0	80.0
Atrazine	PHN	Ave	33516 349397	51775	97931	238391	269031	5.00 120	10.0	20.0	50.0	80.0
Pentachlorophenol	PHN	Ave	57266 286791	66115	99488	179719	197568	15.0 120	20.0	30.0	50.0	80.0
n-Octadecane	PHN	Ave	100922 1203047	176086	326779	604109	872526	5.00 120	10.0	20.0	50.0	80.0
Phenanthrene	PHN	Ave	128564 1441137	225921	400463	965180	1121717	5.00 120	10.0	20.0	50.0	80.0
Anthracene	PHN	Ave	147616 1539012	242957	418941	977269	1162375	5.00 120	10.0	20.0	50.0	80.0
Carbazole	PHN	Ave	134507 1352629	236680	389547	919503	1004130	5.00 120	10.0	20.0	50.0	80.0
Di-n-butyl phthalate	PHN	Ave	215795 2043937	370061	600848	1414883	1531340	5.00 120	10.0	20.0	50.0	80.0
Fluoranthene	PHN	Ave	145111 1565114	272210	431759	1117706	1286925	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.: 460-30837-1 Analy Batch No.: 86806

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/20/2011 13:28 Calibration End Date: 09/20/2011 15:10 Calibration ID: 12313

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
Benzidine	PHN	Ave	26822 50742	157900	109750	87543	58994	5.00 120	20.0	30.0	50.0	80.0
Pyrene	CRY	Ave	139491 1494233	249035	404832	1048437	1158845	5.00 120	10.0	20.0	50.0	80.0
Butyl benzyl phthalate	CRY	Ave	66457 684302	130528	216169	541896	590687	5.00 120	10.0	20.0	50.0	80.0
Carbamazepine	CRY	Ave	21703 313424	53493	96013	232710	282441	5.00 120	10.0	20.0	50.0	80.0
3,3'-Dichlorobenzidine	CRY	Ave	58758 288153	123378	139634	242436	236968	10.0 120	20.0	30.0	50.0	80.0
Benzo[a]anthracene	CRY	Ave	8842 923524	167521	270745	683461	772771	0.500 120	10.0	20.0	50.0	80.0
Chrysene	CRY	Ave	73954 847486	154474	252059	609533	643422	5.00 120	10.0	20.0	50.0	80.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	72784 714031	147727	227611	510868	587480	5.00 120	10.0	20.0	50.0	80.0
Di-n-octyl phthalate	PRY	Ave	114044 1166319	230859	368131	917275	986858	5.00 120	10.0	20.0	50.0	80.0
Benzo[b]fluoranthene	PRY	Ave	6351 787082	123471	216043	528440	629328	0.500 120	10.0	20.0	50.0	80.0
Benzo[k]fluoranthene	PRY	Ave	7107 671686	131048	201762	522501	537500	0.500 120	10.0	20.0	50.0	80.0
Benzo[a]pyrene	PRY	Ave	5230 597311	105262	170528	437289	495524	0.500 120	10.0	20.0	50.0	80.0
Indeno[1,2,3-cd]pyrene	PRY	Ave	3989 670149	84190	149643	383584	485332	0.500 120	10.0	20.0	50.0	80.0
Dibenz(a,h)anthracene	PRY	LinF	2562 522025	71822	118383	306452	379911	0.500 120	10.0	20.0	50.0	80.0
Benzo[g,h,i]perylene	PRY	Ave	38448 576790	72297	129986	309185	421126	5.00 120	10.0	20.0	50.0	80.0
2-Fluorophenol	DCB	Ave	54516 1227839	122949	256058	583205	791390	5.00 120	10.0	20.0	50.0	80.0
Phenol-d5	DCB	Ave	106835 1650783	197490	391536	747523	1048262	5.00 120	10.0	20.0	50.0	80.0
Nitrobenzene-d5	NPT	Ave	97869 1296132	176156	331800	709916	940748	5.00 120	10.0	20.0	50.0	80.0
2-Fluorobiphenyl	ANT	Ave	121269 1735257	206792	405407	796149	1136319	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Tribromophenol	ANT	Ave	22565 286962	37603	75409	171336	207801	5.00 120	10.0	20.0	50.0	80.0
Terphenyl-d14	CRY	Ave	103587 1100505	171348	330446	824273	871180	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.: 460-30837-1 Analy Batch No.: 86806

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/20/2011 13:28 Calibration End Date: 09/20/2011 15:10 Calibration ID: 12313

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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 85901

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/12/2011 11:23 Calibration End Date: 09/12/2011 14:45 Calibration ID: 12175

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-85901/7	x17717.d
Level 2	IC 460-85901/6	x17716.d
Level 3	IC 460-85901/5	x17715.d
Level 4	ICIS 460-85901/2	x17711.d
Level 5	IC 460-85901/4	x17714.d
Level 6	IC 460-85901/3	x17712.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								
1,4-Dioxane	0.6335 0.6222	0.6592	0.6196	0.5541	0.4848	Ave		0.5956				10.8		15.0			
N-Nitrosodimethylamine	0.8400 0.7087	0.8122	0.7786	0.7496	0.7282	Ave		0.7696				6.5		15.0			
Pyridine	1.5959 1.2443	1.5769	1.4596	1.3451	1.2991	Ave		1.4201				10.4		15.0			
2,3,7,8-TCDD (Screen)	+++++ +++++	+++++	+++++	0.2389	+++++	Ave		0.2389						15.0			
Benzaldehyde	1.2033 0.0542	0.7639	0.5215	0.2300	0.2087	Ave		0.4969				86.4	*	15.0			
Aniline	2.3620 +++++	2.2522	2.0174	1.8308	1.8087	Ave		2.0542				12.1		15.0			
Phenol	2.1964 +++++	2.0223	1.8124	1.5908	1.6520	Ave		1.8548				13.7		30.0			
Bis(2-chloroethyl)ether	1.7648 1.1551	1.4941	1.3752	1.3169	1.3351	Ave		1.4069				14.7		15.0			
2-Chlorophenol	1.7768 1.0953	1.6688	1.5466	1.4016	1.3481	QuaF		0.4698	0.1253						0.9927		0.9900
Decane	2.0622 1.3920	1.9763	1.8466	1.5200	1.2768	QuaF		0.6592	0.0174						0.9905		0.9900
1,3-Dichlorobenzene	2.0004 1.4923	1.9391	1.7469	1.6600	1.5590	Ave		1.7330				11.8		15.0			
1,4-Dichlorobenzene	1.9394 1.4517	1.8557	1.6952	1.6220	1.5266	Ave		1.6818				11.2		30.0			
Benzyl alcohol	0.9575 0.6809	0.8962	0.8652	0.8603	0.8788	Ave		0.8565				10.9		15.0			
1,2-Dichlorobenzene	1.8445 1.3295	1.7809	1.6205	1.5154	1.3913	Ave		1.5803				13.1		15.0			
2-Methylphenol	1.5114 0.8764	1.3774	1.2478	1.1252	1.0597	QuaF		0.5838	0.2007						0.9955		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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 85901

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/12/2011 11:23 Calibration End Date: 09/12/2011 14:45 Calibration ID: 12175

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								
2,2'-oxybis[1-chloropropane]	2.4594 1.3760	2.3074	2.0538	1.7443	1.4858	QuaF		0.4273	0.0742						0.9988		0.9900
o-Toluidine	1.7946 1.2326	1.7079	1.5874	1.5023	1.5840	Ave		1.5681				12.4		15.0			
Acetophenone	2.1659 1.3929	1.8965	1.8530	1.6706	1.7825	Ave		1.7936				14.3		15.0			
N-Nitrosodi-n-propylamine	1.0572 +++++	0.9983	0.9125	0.8360	0.8730	Ave		0.9354			0.0500	9.7		15.0			
3 & 4 Methylphenol	1.6532 +++++	1.5391	1.3736	1.2374	1.2392	Ave		1.4085				13.1		15.0			
4-Methylphenol	1.6670 +++++	1.5182	1.3799	1.2360	1.2076	Ave		1.4017				13.8		15.0			
Hexachloroethane	0.8155 0.5731	0.7254	0.6694	0.6505	0.6102	Ave		0.6740				12.8		15.0			
Nitrobenzene	0.6115 0.4605	0.6016	0.5455	0.5321	0.4697	Ave		0.5368				11.8		15.0			
n,n'-Dimethylaniline	2.0605 1.5758	2.2873	2.0533	1.8943	1.8465	Ave		1.9530				12.3		15.0			
Isophorone	0.7298 0.5622	0.7018	0.6574	0.6322	0.6299	Ave		0.6522				9.1		15.0			
2-Nitrophenol	0.2435 0.1857	0.2332	0.2106	0.2106	0.1891	Ave		0.2121				10.9		30.0			
2,4-Dimethylphenol	0.4020 0.2646	0.3751	0.3391	0.3098	0.2931	QuaF		2.6161	1.4474						0.9997		0.9900
Bis(2-chloroethoxy)methane	0.4406 0.3443	0.4320	0.4000	0.3870	0.3700	Ave		0.3956				9.3		15.0			
Benzoic acid	0.1651 0.1742	0.1825	0.1805	0.1995	0.1789	Ave		0.1801				6.3		15.0			
2,4-Dichlorophenol	0.3598 0.2334	0.3301	0.3003	0.2757	0.2533	QuaF		3.0039	1.8357						0.9999		0.9900
1,2,4-Trichlorobenzene	0.3710 0.2897	0.3739	0.3363	0.3235	0.2967	Ave		0.3319				10.8		15.0			
Naphthalene	1.2628 0.9431	1.2146	1.1166	1.0647	0.9867	Ave		1.0981				11.4		15.0			
4-Chloroaniline	0.4599 0.3295	0.4479	0.4108	0.3853	0.3660	Ave		0.3999				12.4		15.0			
Hexachlorobutadiene	0.2357 0.1830	0.2331	0.2157	0.2035	0.1803	Ave		0.2085				11.5		30.0			
Caprolactam	0.0986 0.0791	0.0879	0.0937	0.0857	0.0897	Ave		0.0891				7.5		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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 85901

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/12/2011 11:23 Calibration End Date: 09/12/2011 14:45 Calibration ID: 12175

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-Chloro-3-methylphenol	0.3331 0.2442	0.3142	0.2907	0.2691	0.2704	Ave		0.2870				11.4		30.0			
2-Methylnaphthalene	0.7700 0.5687	0.7556	0.6877	0.6341	0.6157	Ave		0.6720				11.9		15.0			
1-Methylnaphthalene	0.7794 0.5644	0.7318	0.7063	0.6395	0.6243	Ave		0.6743				11.7		15.0			
Hexachlorocyclopentadiene	0.3547 0.3041	0.3473	0.3347	0.3598	0.3074	Ave		0.3347			0.0500	7.2		15.0			
1,2,4,5-Tetrachlorobenzene	0.6950 0.4992	0.6444	0.6270	0.5576	0.5134	Ave		0.5894				13.3		30.0			
2-tertbutyl-4-methylphenol	0.5319 0.3666	0.4998	0.4813	0.4245	0.4212	Ave		0.4542				13.4		15.0			
2,4,6-Trichlorophenol	0.4589 0.3291	0.4278	0.3997	0.3685	0.3730	Ave		0.3928				11.8		30.0			
2,4,5-Trichlorophenol	0.4909 0.3434	0.4574	0.3991	0.3718	0.3675	Ave		0.4050				14.2		15.0			
Diphenyl	1.9632 1.3383	1.7370	1.6655	1.4998	1.3766	Ave		1.5967				14.9		15.0			
2-Chloronaphthalene	1.4143 1.0056	1.3412	1.2216	1.1510	1.0518	Ave		1.1976				13.4		15.0			
Diphenyl ether	1.0103 0.7393	0.9690	0.8683	0.8374	0.7618	Ave		0.8644				12.6		15.0			
2-Nitroaniline	0.4623 0.3591	0.4966	0.4722	0.4553	0.3716	Ave		0.4362				13.0		15.0			
Dimethylnaphthalene, total	1.2151 0.8559	1.1316	1.0790	0.9634	0.9176	Ave		1.0271				13.4		15.0			
Dimethyl phthalate	1.3953 1.0451	1.2903	1.2274	1.1458	1.1476	Ave		1.2086				10.2		15.0			
Coumarin	0.2177 0.1639	0.1988	0.2036	0.1769	0.1868	Ave		0.1913				10.1		15.0			
2,6-Dinitrotoluene	0.3098 0.2532	0.2996	0.2899	0.2790	0.2765	Ave		0.2847				7.0		15.0			
Acenaphthylene	2.2337 1.5819	2.1352	1.9399	1.7976	1.6879	Ave		1.8960				13.4		15.0			
3-Nitroaniline	0.3366 0.2737	0.3233	0.3173	0.2944	0.2947	Ave		0.3067				7.5		15.0			
Acenaphthene	1.2747 0.8791	1.2039	1.0857	0.9946	0.9161	Ave		1.0590				14.9		30.0			
3,5-di-tert-butyl-4-hydroxytol	1.3096 0.8698	1.2005	1.1358	0.9622	0.9153	LinF		0.9008							0.9928		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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 85901

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/12/2011 11:23 Calibration End Date: 09/12/2011 14:45 Calibration ID: 12175

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								
2,4-Dinitrophenol	0.1227 0.1548	0.1315	0.1478	0.1569	0.1675	Ave		0.1469			0.0500	11.4		15.0			
4-Nitrophenol	0.2327 0.2153	0.2167	0.2273	0.2167	0.2294	Ave		0.2230			0.0500	3.4		15.0			
2,4-Dinitrotoluene	0.3736 0.2938	0.3476	0.3430	0.3095	0.3331	Ave		0.3334				8.5		15.0			
Dibenzofuran	1.8541 1.2889	1.7208	1.5933	1.4489	1.4050	Ave		1.5518				13.6		15.0			
1-Naphthylamine	1.2443 0.8350	1.0552	1.0929	0.8829	0.9400	LinF		0.8776							0.9904		0.9900
2,3,4,6-Tetrachlorophenol	0.3164 0.2569	0.3021	0.2839	0.2854	0.2800	Ave		0.2874				7.1		30.0			
2-Naphthylamine	1.2734 0.8693	1.1062	1.1110	0.9117	0.9542	Ave		1.0376				14.7		15.0			
Diethyl phthalate	1.3110 1.0605	1.2394	1.2132	1.1180	1.1448	Ave		1.1812				7.7		15.0			
Fluorene	1.4085 1.0010	1.3282	1.2450	1.0969	1.0940	Ave		1.1956				13.1		15.0			
4-Chlorophenyl phenyl ether	0.6939 0.4686	0.6415	0.5823	0.5216	0.5083	LinF		0.4892							0.9927		0.9900
4-Nitroaniline	0.2884 0.2476	0.2814	0.2819	0.2445	0.2693	Ave		0.2688				7.0		15.0			
4,6-Dinitro-2-methylphenol	0.1345 0.1430	0.1430	0.1486	0.1498	0.1458	Ave		0.1441				3.8		15.0			
N-Nitrosodiphenylamine	0.7542 0.5318	0.6964	0.6215	0.5975	0.5980	Ave		0.6332				12.6		30.0			
1,2-Diphenylhydrazine	1.0590 0.9718	1.2355	1.1195	1.1035	1.0993	Ave		1.0981				7.8		15.0			
4-Bromophenyl phenyl ether	0.2877 0.2210	0.2804	0.2555	0.2490	0.2367	Ave		0.2551				10.0		15.0			
Hexachlorobenzene	0.3599 0.2618	0.3417	0.3088	0.2975	0.2836	Ave		0.3089				11.8		15.0			
Atrazine	0.2638 0.1953	0.2304	0.2312	0.2090	0.2069	Ave		0.2227				11.0		15.0			
Pentachlorophenol	0.1508 0.1504	0.1552	0.1601	0.1642	0.1547	Ave		0.1559				3.4		30.0			
n-Octadecane	0.7487 0.6030	0.7635	0.7102	0.6472	0.5988	Ave		0.6786				10.7		15.0			
Phenanthrene	1.3249 0.9874	1.2924	1.1898	1.1135	1.0438	Ave		1.1586				11.6		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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 85901

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/12/2011 11:23 Calibration End Date: 09/12/2011 14:45 Calibration ID: 12175

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								
Anthracene	1.3426 0.9989	1.3115	1.2271	1.1304	1.0464	Ave		1.1761				12.0		15.0			
Carbazole	1.1525 0.8680	1.0568	1.0200	0.9285	0.8738	Ave		0.9833				11.5		15.0			
Di-n-butyl phthalate	1.4116 1.1395	1.3495	1.3312	1.2059	1.1739	Ave		1.2686				8.7		15.0			
Fluoranthene	1.1807 0.9123	1.1144	1.0894	0.9669	0.9040	Ave		1.0280				11.3		30.0			
Benzidine	0.4021 +++++	0.3682	0.2428	0.0986	0.0717	Ave		0.2367				63.7	*	15.0			
Pyrene	1.8684 1.4223	1.8000	1.5933	1.6124	1.6890	Ave		1.6642				9.6		15.0			
Butyl benzyl phthalate	0.7615 0.6514	0.7390	0.6972	0.7048	0.7330	Ave		0.7145				5.4		15.0			
Carbamazepine	0.4463 0.5281	0.4684	0.5124	0.5271	0.5146	Ave		0.4995				6.8		15.0			
3,3'-Dichlorobenzidine	0.5022 0.3712	0.4618	0.3995	0.3871	0.3520	Ave		0.4123				14.0		15.0			
Benzo[a]anthracene	1.7051 1.1411	1.2840	1.1995	1.2110	1.1790	LinF		1.1608							0.9989		0.9900
Chrysene	1.2720 1.0676	1.2651	1.1844	1.1415	1.0597	Ave		1.1650				8.0		15.0			
Bis(2-ethylhexyl) phthalate	0.9576 0.8704	0.9706	0.9305	0.9206	0.9613	Ave		0.9352				4.0		15.0			
Di-n-octyl phthalate	1.6895 1.4375	1.6976	1.5943	1.5712	1.6772	Ave		1.6112				6.2		30.0			
Benzo[b]fluoranthene	1.5264 1.1513	1.2470	1.2841	1.2292	1.2650	Ave		1.2838				9.9		15.0			
Benzo[k]fluoranthene	1.5711 1.1732	1.4285	1.2453	1.2219	1.1753	Ave		1.3026				12.4		15.0			
Benzo[a]pyrene	1.2456 0.9716	1.0304	1.0140	0.9993	0.9687	Ave		1.0383				10.0		30.0			
Indeno[1,2,3-cd]pyrene	1.0147 0.9521	0.9337	0.8903	0.9089	0.9209	Ave		0.9367				4.7		15.0			
Dibenz(a,h)anthracene	0.9244 0.9419	0.9415	0.9005	0.9197	0.8819	Ave		0.9183				2.6		15.0			
Benzo[g,h,i]perylene	0.9063 0.9453	0.9196	0.8786	0.9096	0.8681	Ave		0.9046				3.1		15.0			
2-Fluorophenol	1.5656 1.0837	1.5064	1.4968	1.3348	1.2842	Ave		1.3786				13.1		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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 85901

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/12/2011 11:23 Calibration End Date: 09/12/2011 14:45 Calibration ID: 12175

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								
Phenol-d5	1.9597 1.1799	1.7597	1.7347	1.4830	1.4250	QuaF		0.4489	0.1065						0.9953		0.9900
Nitrobenzene-d5	0.4435 0.3671	0.4358	0.4293	0.4113	0.3822	Ave		0.4115				7.5		15.0			
2-Fluorobiphenyl	1.6800 1.2165	1.5889	1.5241	1.3861	1.2641	Ave		1.4433				12.8		15.0			
2,4,6-Tribromophenol	0.2211 0.1945	0.2111	0.2324	0.2028	0.2073	Ave		0.2115				6.4		15.0			
Terphenyl-d14	1.3180 1.0171	1.2545	1.2130	1.1680	1.2301	Ave		1.2001				8.5		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 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 85901

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/12/2011 11:23 Calibration End Date: 09/12/2011 14:45 Calibration ID: 12175

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-85901/7	x17717.d
Level 2	IC 460-85901/6	x17716.d
Level 3	IC 460-85901/5	x17715.d
Level 4	ICIS 460-85901/2	x17711.d
Level 5	IC 460-85901/4	x17714.d
Level 6	IC 460-85901/3	x17712.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
1,4-Dioxane	DCB	Ave	48678 653041	94245	151447	360098	619087	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodimethylamine	DCB	Ave	64543 743807	116115	190302	487162	929952	5.00 120	10.0	20.0	50.0	80.0
Pyridine	DCB	Ave	122621 1305951	225432	356747	874164	1658978	5.00 120	10.0	20.0	50.0	80.0
2,3,7,8-TCDD (Screen)	CRY	Ave	+++++ +++++	+++++	+++++	1866	+++++	+++++ +++++	+++++	+++++	0.500	+++++
Benzaldehyde	DCB	Ave	92451 56909	109201	127474	149466	266521	5.00 120	10.0	20.0	50.0	80.0
Aniline	DCB	Ave	181486 +++++	321968	493081	1189824	2309711	5.00 +++++	10.0	20.0	50.0	80.0
Phenol	DCB	Ave	168755 +++++	289101	442975	1033851	2109620	5.00 +++++	10.0	20.0	50.0	80.0
Bis(2-chloroethyl)ether	DCB	Ave	13560 1212308	213595	336123	855863	1704849	0.500 120	10.0	20.0	50.0	80.0
2-Chlorophenol	DCB	QuaF	136520 1149573	238573	378023	910875	1721515	5.00 120	10.0	20.0	50.0	80.0
Decane	DCB	QuaF	158450 1461025	282537	451351	987833	1630400	5.00 120	10.0	20.0	50.0	80.0
1,3-Dichlorobenzene	DCB	Ave	153700 1566273	277210	426964	1078868	1990841	5.00 120	10.0	20.0	50.0	80.0
1,4-Dichlorobenzene	DCB	Ave	149015 1523661	265298	414337	1054153	1949376	5.00 120	10.0	20.0	50.0	80.0
Benzyl alcohol	DCB	Ave	73569 714598	128126	211470	559112	1122210	5.00 120	10.0	20.0	50.0	80.0
1,2-Dichlorobenzene	DCB	Ave	141720 1395341	254594	396078	984894	1776638	5.00 120	10.0	20.0	50.0	80.0
2-Methylphenol	DCB	QuaF	116130 919854	196909	304993	731250	1353151	5.00 120	10.0	20.0	50.0	80.0
2,2'-oxybis[1-chloropropane]	DCB	QuaF	188963 1444190	329863	501983	1133629	1897306	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.: 460-30837-1 Analy Batch No.: 85901

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/12/2011 11:23 Calibration End Date: 09/12/2011 14:45 Calibration ID: 12175

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
o-Toluidine	DCB	Ave	137890 1293654	244162	387997	976321	2022731	5.00 120	10.0	20.0	50.0	80.0
Acetophenone	DCB	Ave	166419 1461942	271117	452902	1085743	2276221	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodi-n-propylamine	DCB	Ave	8123 +++++	142722	223026	543323	1114778	0.500 +++++	10.0	20.0	50.0	80.0
3 & 4 Methylphenol	DCB	Ave	127023 +++++	220029	335742	804189	1582473	5.00 +++++	10.0	20.0	50.0	80.0
4-Methylphenol	DCB	Ave	128081 +++++	217037	337270	803298	1542049	5.00 +++++	10.0	20.0	50.0	80.0
Hexachloroethane	DCB	Ave	6266 601524	103699	163608	422736	779168	0.500 120	10.0	20.0	50.0	80.0
Nitrobenzene	NPT	Ave	17298 1605805	308801	478912	1208488	2323609	0.500 120	10.0	20.0	50.0	80.0
n,n'-Dimethylaniline	DCB	Ave	15832 1653882	326987	501869	1231131	2357903	0.500 120	10.0	20.0	50.0	80.0
Isophorone	NPT	Ave	206445 1960422	360256	577148	1435877	3116100	5.00 120	10.0	20.0	50.0	80.0
2-Nitrophenol	NPT	Ave	68876 647591	119720	184887	478293	935413	5.00 120	10.0	20.0	50.0	80.0
2,4-Dimethylphenol	NPT	QuaF	113719 922521	192528	297720	703665	1449876	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethoxy)methane	NPT	Ave	124629 1200507	221730	351161	879000	1830210	5.00 120	10.0	20.0	50.0	80.0
Benzoic acid	NPT	Ave	46710 607549	93700	158440	453017	884730	5.00 120	10.0	20.0	50.0	80.0
2,4-Dichlorophenol	NPT	QuaF	101791 813762	169433	263602	626117	1253010	5.00 120	10.0	20.0	50.0	80.0
1,2,4-Trichlorobenzene	NPT	Ave	10496 1009982	191915	295264	734628	1467908	0.500 120	10.0	20.0	50.0	80.0
Naphthalene	NPT	Ave	357207 3288252	623498	980299	2417950	4880835	5.00 120	10.0	20.0	50.0	80.0
4-Chloroaniline	NPT	Ave	130108 1148719	229913	360681	875010	1810284	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobutadiene	NPT	Ave	13337 638208	119644	189337	462204	891708	1.00 120	10.0	20.0	50.0	80.0
Caprolactam	NPT	Ave	27885 275865	45128	82259	194598	443761	5.00 120	10.0	20.0	50.0	80.0
4-Chloro-3-methylphenol	NPT	Ave	94225 851526	161300	255214	611085	1337620	5.00 120	10.0	20.0	50.0	80.0
2-Methylnaphthalene	NPT	Ave	217802 1982860	387861	603728	1440114	3045920	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.: 460-30837-1 Analy Batch No.: 85901

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/12/2011 11:23 Calibration End Date: 09/12/2011 14:45 Calibration ID: 12175

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-Methylnaphthalene	NPT	Ave	220473 1967823	375673	620100	1452456	3088361	5.00 120	10.0	20.0	50.0	80.0
Hexachlorocyclopentadiene	ANT	Ave	47251 495642	83950	140383	380226	757008	5.00 120	10.0	20.0	50.0	80.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	92596 813603	155778	262948	589258	1264197	5.00 120	10.0	20.0	50.0	80.0
2-tertbutyl-4-methylphenol	NPT	Ave	150462 1278162	256542	422526	964129	2083734	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Trichlorophenol	ANT	Ave	61134 536397	103413	167625	389379	918381	5.00 120	10.0	20.0	50.0	80.0
2,4,5-Trichlorophenol	ANT	Ave	65396 559653	110564	167358	392840	904995	5.00 120	10.0	20.0	50.0	80.0
Diphenyl	ANT	Ave	261545 2181344	419905	698497	1584831	3389564	5.00 120	10.0	20.0	50.0	80.0
2-Chloronaphthalene	ANT	Ave	188415 1639035	324231	512320	1216290	2589869	5.00 120	10.0	20.0	50.0	80.0
Diphenyl ether	ANT	Ave	134602 1205105	234252	364168	884883	1875764	5.00 120	10.0	20.0	50.0	80.0
2-Nitroaniline	ANT	Ave	123186 585262	120058	198041	481082	915116	10.0 120	10.0	20.0	50.0	80.0
Dimethylnaphthalene, total	ANT	Ave	161880 1395153	273543	452512	1018047	2259518	5.00 120	10.0	20.0	50.0	80.0
Dimethyl phthalate	ANT	Ave	185885 1703447	311907	514767	1210825	2825839	5.00 120	10.0	20.0	50.0	80.0
Coumarin	NPT	Ave	61595 571551	102066	178715	401862	924053	5.00 120	10.0	20.0	50.0	80.0
2,6-Dinitrotoluene	ANT	Ave	8254 412769	72428	121568	294848	680818	1.00 120	10.0	20.0	50.0	80.0
Acenaphthylene	ANT	Ave	297577 2578361	516177	813582	1899539	4156148	5.00 120	10.0	20.0	50.0	80.0
3-Nitroaniline	ANT	Ave	89675 446069	78150	133074	311121	725722	10.0 120	10.0	20.0	50.0	80.0
Acenaphthene	ANT	Ave	169818 1432967	291030	455343	1050966	2255729	5.00 120	10.0	20.0	50.0	80.0
3,5-di-tert-butyl-4-hydroxytol	ANT	LinF	174471 1417686	290201	476343	1016744	2253695	5.00 120	10.0	20.0	50.0	80.0
2,4-Dinitrophenol	ANT	Ave	49048 252387	63555	92987	165771	412422	15.0 120	20.0	30.0	50.0	80.0
4-Nitrophenol	ANT	Ave	93008 350991	104783	143017	228992	564920	15.0 120	20.0	30.0	50.0	80.0
2,4-Dinitrotoluene	ANT	Ave	9955 478907	84022	143854	327088	820321	1.00 120	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.: 460-30837-1 Analy Batch No.: 85901

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/12/2011 11:23 Calibration End Date: 09/12/2011 14:45 Calibration ID: 12175

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	247005 2100821	415996	668215	1531125	3459516	5.00 120	10.0	20.0	50.0	80.0
1-Naphthylamine	ANT	LinF	165771 1361087	255083	458364	932961	2314683	5.00 120	10.0	20.0	50.0	80.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	42153 418717	73027	119053	301619	689357	5.00 120	10.0	20.0	50.0	80.0
2-Naphthylamine	ANT	Ave	169644 1416903	267408	465916	963391	2349598	5.00 120	10.0	20.0	50.0	80.0
Diethyl phthalate	ANT	Ave	174662 1728646	299615	508813	1181376	2819006	5.00 120	10.0	20.0	50.0	80.0
Fluorene	ANT	Ave	187641 1631556	321087	522138	1159147	2693688	5.00 120	10.0	20.0	50.0	80.0
4-Chlorophenyl phenyl ether	ANT	LinF	92447 763805	155078	244196	551135	1251546	5.00 120	10.0	20.0	50.0	80.0
4-Nitroaniline	ANT	Ave	76853 403529	68014	118226	258331	663049	10.0 120	10.0	20.0	50.0	80.0
4,6-Dinitro-2-methylphenol	PHN	Ave	70899 308440	87958	125664	200341	480504	15.0 120	20.0	30.0	50.0	80.0
N-Nitrosodiphenylamine	PHN	Ave	132500 1146684	214123	350455	798924	1970411	5.00 120	10.0	20.0	50.0	80.0
1,2-Diphenylhydrazine	PHN	Ave	186032 2095473	379854	631273	1475684	3622061	5.00 120	10.0	20.0	50.0	80.0
4-Bromophenyl phenyl ether	PHN	Ave	50537 476617	86215	144061	333032	780042	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobenzene	PHN	Ave	6322 564403	105066	174120	397808	934429	0.500 120	10.0	20.0	50.0	80.0
Atrazine	PHN	Ave	46336 421049	70824	130375	279420	681564	5.00 120	10.0	20.0	50.0	80.0
Pentachlorophenol	PHN	Ave	79475 324352	95436	135450	219543	509547	15.0 120	20.0	30.0	50.0	80.0
n-Octadecane	PHN	Ave	131518 1300272	234743	400496	865447	1972976	5.00 120	10.0	20.0	50.0	80.0
Phenanthrene	PHN	Ave	232754 2128987	397372	670948	1488979	3439308	5.00 120	10.0	20.0	50.0	80.0
Anthracene	PHN	Ave	235852 2153910	403222	691953	1511569	3447602	5.00 120	10.0	20.0	50.0	80.0
Carbazole	PHN	Ave	202462 1871582	324914	575189	1241635	2878936	5.00 120	10.0	20.0	50.0	80.0
Di-n-butyl phthalate	PHN	Ave	247976 2457088	414907	750663	1612609	3867899	5.00 120	10.0	20.0	50.0	80.0
Fluoranthene	PHN	Ave	207425 1967101	342639	614296	1293017	2978560	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.: 460-30837-1 Analy Batch No.: 85901

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/12/2011 11:23 Calibration End Date: 09/12/2011 14:45 Calibration ID: 12175

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
Benzidine	PHN	Ave	70637 +++++	226427	205361	131902	236340	5.00 +++++	20.0	30.0	50.0	80.0
Pyrene	CRY	Ave	202810 1944713	335833	592924	1259311	2897933	5.00 120	10.0	20.0	50.0	80.0
Butyl benzyl phthalate	CRY	Ave	82660 890607	137889	259466	550467	1257716	5.00 120	10.0	20.0	50.0	80.0
Carbamazepine	CRY	Ave	48449 722113	87400	190668	411623	882984	5.00 120	10.0	20.0	50.0	80.0
3,3'-Dichlorobenzidine	CRY	Ave	109027 507529	172327	223018	302289	603879	10.0 120	20.0	30.0	50.0	80.0
Benzo[a]anthracene	CRY	LinF	18509 1560238	239566	446361	945781	2022880	0.500 120	10.0	20.0	50.0	80.0
Chrysene	CRY	Ave	138073 1459714	236044	440739	891514	1818220	5.00 120	10.0	20.0	50.0	80.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	103952 1190058	181100	346260	719007	1649306	5.00 120	10.0	20.0	50.0	80.0
Di-n-octyl phthalate	PRY	Ave	140580 1783390	249195	487881	1069052	2275325	5.00 120	10.0	20.0	50.0	80.0
Benzo[b]fluoranthene	PRY	Ave	12701 1428269	183051	392938	836343	1716179	0.500 120	10.0	20.0	50.0	80.0
Benzo[k]fluoranthene	PRY	Ave	13073 1455493	209687	381088	831379	1594461	0.500 120	10.0	20.0	50.0	80.0
Benzo[a]pyrene	PRY	Ave	10364 1205391	151259	310283	679947	1314177	0.500 120	10.0	20.0	50.0	80.0
Indeno[1,2,3-cd]pyrene	PRY	Ave	8443 1181156	137055	272426	618399	1249298	0.500 120	10.0	20.0	50.0	80.0
Dibenz(a,h)anthracene	PRY	Ave	7692 1168507	138197	275576	625773	1196380	0.500 120	10.0	20.0	50.0	80.0
Benzo[g,h,i]perylene	PRY	Ave	75411 1172721	134982	268859	618907	1177701	5.00 120	10.0	20.0	50.0	80.0
2-Fluorophenol	DCB	Ave	120293 1137359	215351	365835	867514	1639842	5.00 120	10.0	20.0	50.0	80.0
Phenol-d5	DCB	QuaF	150570 1238347	251572	423979	963812	1819633	5.00 120	10.0	20.0	50.0	80.0
Nitrobenzene-d5	NPT	Ave	125455 1279991	223684	376901	934187	1890571	5.00 120	10.0	20.0	50.0	80.0
2-Fluorobiphenyl	ANT	Ave	223810 1982778	384103	639202	1464680	3112633	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Tribromophenol	ANT	Ave	29454 317043	51025	97473	214325	510560	5.00 120	10.0	20.0	50.0	80.0
Terphenyl-d14	CRY	Ave	143073 1390662	234060	451393	912163	2110524	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.: 460-30837-1 Analy Batch No.: 85901

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/12/2011 11:23 Calibration End Date: 09/12/2011 14:45 Calibration ID: 12175

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.: 460-30837-1

SDG No.:

Lab Sample ID: CCVIS 460-86671/2 Calibration Date: 09/18/2011 03:06

Instrument ID: BNAMS10 Calib Start Date: 09/17/2011 02:47

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/17/2011 05:31

Lab File ID: p19374.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.7174	0.8712		60700	50000	21.4*	20.0
N-Nitrosodimethylamine	Ave	0.8824	1.026		58100	50000	16.2	20.0
Pyridine	Ave	1.515	1.752		57800	50000	15.7	20.0
Benzaldehyde	Ave	0.6177	0.5057		40900	50000	-18.1	20.0
Phenol	Ave	1.697	1.730		51000	50000	2.0	20.0
Aniline	Ave	1.816	1.886		51900	50000	3.9	20.0
Bis(2-chloroethyl)ether	Ave	1.265	1.273		50300	50000	0.6	20.0
2-Chlorophenol	Ave	1.255	1.236		49300	50000	-1.5	20.0
n-Decane	Ave	1.054	1.107		52500	50000	5.1	20.0
1,3-Dichlorobenzene	Ave	1.577	1.626		51600	50000	3.1	20.0
1,4-Dichlorobenzene	Ave	1.603	1.651		51500	50000	3.0	20.0
Benzyl alcohol	Ave	0.7655	0.7672		50100	50000	0.2	20.0
1,2-Dichlorobenzene	Ave	1.460	1.498		51300	50000	2.6	20.0
2-Methylphenol	Ave	1.092	1.074		49200	50000	-1.6	20.0
2,2'-oxybis[1-chloropropane]	Ave	0.9807	1.016		51800	50000	3.6	20.0
o-Toluidine	Ave	1.524	1.573		51600	50000	3.2	20.0
Acetophenone	Ave	1.759	1.771		50300	50000	0.7	20.0
N-Nitrosodi-n-propylamine	Ave	0.9433	0.9731	0.0500	51600	50000	3.2	20.0
3 & 4 Methylphenol	Ave	1.148	1.151		50100	50000	0.3	20.0
4-Methylphenol	Ave	1.136	1.152		50700	50000	1.4	20.0
Hexachloroethane	Ave	0.5872	0.6236		53100	50000	6.2	20.0
Nitrobenzene	Ave	0.6420	0.6547		51000	50000	2.0	20.0
n,n'-Dimethylaniline	Ave	1.797	1.879		52300	50000	4.6	20.0
Isophorone	Ave	0.7148	0.7163		50100	50000	0.2	20.0
2-Nitrophenol	Ave	0.2056	0.2083		50700	50000	1.3	20.0
2,4-Dimethylphenol	Ave	0.3281	0.3260		49700	50000	-0.6	20.0
Bis(2-chloroethoxy)methane	Ave	0.4005	0.3990		49800	50000	-0.4	20.0
Benzoic acid	Ave	0.1832	0.1851		50500	50000	1.0	20.0
2,4-Dichlorophenol	Ave	0.3154	0.3110		49300	50000	-1.4	20.0
1,2,4-Trichlorobenzene	Ave	0.3818	0.3827		50100	50000	0.2	20.0
Naphthalene	Ave	1.032	1.053		51000	50000	2.1	20.0
4-Chloroaniline	Ave	0.3701	0.3699		50000	50000	-0.0	20.0
Hexachlorobutadiene	Ave	0.2460	0.2430		49400	50000	-1.2	20.0
Caprolactam	Ave	0.0943	0.0798		42300	50000	-15.4	20.0
4-Chloro-3-methylphenol	Ave	0.3118	0.2907		46600	50000	-6.8	20.0
2-Methylnaphthalene	Ave	0.6839	0.6778		49500	50000	-0.9	20.0
1-Methylnaphthalene	Ave	0.6994	0.6883		49200	50000	-1.6	20.0
Hexachlorocyclopentadiene	Ave	0.4124	0.4326	0.0500	52400	50000	4.9	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6756	0.6917		51200	50000	2.4	20.0
2-tertbutyl-4-methylphenol	Ave	0.5059	0.4926		48700	50000	-2.6	20.0
2,4,6-Trichlorophenol	Ave	0.3939	0.4071		51700	50000	3.4	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVIS 460-86671/2 Calibration Date: 09/18/2011 03:06

Instrument ID: BNAMS10 Calib Start Date: 09/17/2011 02:47

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/17/2011 05:31

Lab File ID: p19374.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	0.4067	0.4014		49300	50000	-1.3	20.0
Diphenyl	Ave	1.499	1.520		50700	50000	1.4	20.0
2-Chloronaphthalene	Ave	1.138	1.182		51900	50000	3.8	20.0
Diphenyl ether	Ave	0.8545	0.8822		51600	50000	3.2	20.0
2-Nitroaniline	Ave	0.4593	0.4674		50900	50000	1.8	20.0
1,3-Dimethylnaphthalene	Ave	0.9850	1.011		51300	50000	2.7	20.0
Dimethyl phthalate	Ave	1.211	1.154		47700	50000	-4.7	20.0
Coumarin	Ave	0.2178	0.1931		44300	50000	-11.4	20.0
2,6-Dinitrotoluene	Ave	0.2722	0.2705		49700	50000	-0.6	20.0
Acenaphthylene	Ave	1.683	1.699		50500	50000	1.0	20.0
3-Nitroaniline	Ave	0.2778	0.2597		46700	50000	-6.5	20.0
Acenaphthene	Ave	1.078	1.082		50200	50000	0.4	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.239	1.238		49900	50000	-0.1	20.0
2,4-Dinitrophenol	Ave	0.1700	0.1606	0.0500	47200	50000	-5.5	20.0
4-Nitrophenol	Ave	0.2507	0.2264	0.0500	45100	50000	-9.7	20.0
2,4-Dinitrotoluene	Ave	0.3611	0.3259		45100	50000	-9.7	20.0
Dibenzofuran	Ave	1.557	1.559		50100	50000	0.1	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.3006	0.3018		50200	50000	0.4	20.0
2-Naphthylamine	Ave	0.9690	0.8787		45300	50000	-9.3	20.0
Diethyl phthalate	Ave	1.163	1.054		45300	50000	-9.4	20.0
Fluorene	Ave	1.280	1.265		49400	50000	-1.2	20.0
4-Chlorophenyl phenyl ether	Ave	0.6645	0.6515		49000	50000	-2.0	20.0
4-Nitroaniline	Ave	0.2684	0.2270		42300	50000	-15.4	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1551	0.1578		50900	50000	1.7	20.0
N-Nitrosodiphenylamine	Ave	0.6029	0.6072		50400	50000	0.7	20.0
1,2-Diphenylhydrazine	Ave	1.061	1.174		55300	50000	10.7	20.0
4-Bromophenyl phenyl ether	Ave	0.2483	0.2596		52300	50000	4.6	20.0
Hexachlorobenzene	Ave	0.2541	0.2618		51500	50000	3.0	20.0
Atrazine	Ave	0.2335	0.2237		47900	50000	-4.2	20.0
Pentachlorophenol	Ave	0.1449	0.1477		51000	50000	1.9	20.0
n-Octadecane	Ave	0.4088	0.4282		52400	50000	4.7	20.0
Phenanthrene	Ave	1.110	1.126		50700	50000	1.4	20.0
Anthracene	Ave	1.134	1.134		50000	50000	0.0	20.0
Carbazole	Ave	0.9560	0.9269		48500	50000	-3.0	20.0
Di-n-butyl phthalate	Ave	1.193	1.150		48200	50000	-3.6	20.0
Fluoranthene	Ave	1.081	1.084		50200	50000	0.3	20.0
Benzidine	Ave	0.2365	0.2217		46900	50000	-6.3	20.0
Pyrene	Ave	1.550	1.251		40300	50000	-19.3	20.0
Butyl benzyl phthalate	Ave	0.6371	0.5701		44700	50000	-10.5	20.0
2,3,7,8-TCDD (Screen)	Ave	0.1586	0.1090		344	500	-31.3*	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVIS 460-86671/2 Calibration Date: 09/18/2011 03:06

Instrument ID: BNAMS10 Calib Start Date: 09/17/2011 02:47

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/17/2011 05:31

Lab File ID: p19374.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbamazepine	Ave	0.5044	0.5690		56400	50000	12.8	20.0
3,3'-Dichlorobenzidine	Ave	0.4034	0.4128		51200	50000	2.3	20.0
Benzo[a]anthracene	Ave	1.184	1.167		49300	50000	-1.5	20.0
Chrysene	Ave	1.091	1.128		51700	50000	3.4	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.8750	0.7783		44500	50000	-11.1	20.0
Di-n-octyl phthalate	Ave	1.461	1.606		54900	50000	9.9	20.0
Benzo[b]fluoranthene	Ave	1.216	1.244		51200	50000	2.4	20.0
Benzo[k]fluoranthene	Ave	1.233	1.318		53500	50000	6.9	20.0
Benzo[a]pyrene	Ave	1.040	1.067		51300	50000	2.6	20.0
Indeno[1,2,3-cd]pyrene	Ave	0.9495	0.9772		51500	50000	2.9	20.0
Dibenz(a,h)anthracene	Ave	0.9506	1.015		53400	50000	6.8	20.0
Benzo[g,h,i]perylene	Ave	1.019	1.033		50700	50000	1.3	20.0
2-Fluorophenol	Ave	1.233	1.296		52600	50000	5.1	20.0
Phenol-d5	Ave	1.534	1.568		51100	50000	2.3	20.0
Nitrobenzene-d5	Ave	0.4693	0.4679		49800	50000	-0.3	20.0
2-Fluorobiphenyl	Ave	1.378	1.400		50800	50000	1.6	20.0
2,4,6-Tribromophenol	Ave	0.1809	0.1700		47000	50000	-6.0	20.0
Terphenyl-d14	Ave	1.076	0.8619		40100	50000	-19.9	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVIS 460-86818/2 Calibration Date: 09/20/2011 10:15

Instrument ID: BNAMS10 Calib Start Date: 09/17/2011 02:47

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/17/2011 05:31

Lab File ID: p19423.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.7174	0.8661		60400	50000	20.7*	20.0
N-Nitrosodimethylamine	Ave	0.8824	0.9337		52900	50000	5.8	20.0
Pyridine	Ave	1.515	1.608		53100	50000	6.1	20.0
Benzaldehyde	Ave	0.6177	0.3642		29500	50000	-41.1*	20.0
Aniline	Ave	1.816	1.766		48600	50000	-2.8	20.0
Phenol	Ave	1.697	1.548		45600	50000	-8.8	20.0
Bis(2-chloroethyl)ether	Ave	1.265	1.184		46800	50000	-6.4	20.0
2-Chlorophenol	Ave	1.255	1.178		46900	50000	-6.2	20.0
n-Decane	Ave	1.054	1.063		50400	50000	0.9	20.0
1,3-Dichlorobenzene	Ave	1.577	1.587		50300	50000	0.6	20.0
1,4-Dichlorobenzene	Ave	1.603	1.595		49800	50000	-0.5	20.0
Benzyl alcohol	Ave	0.7655	0.6887		45000	50000	-10.0	20.0
1,2-Dichlorobenzene	Ave	1.460	1.467		50200	50000	0.5	20.0
2-Methylphenol	Ave	1.092	0.9726		44500	50000	-10.9	20.0
2,2'-oxybis[1-chloropropane]	Ave	0.9807	0.9370		47800	50000	-4.5	20.0
o-Toluidine	Ave	1.524	1.393		45700	50000	-8.6	20.0
Acetophenone	Ave	1.759	1.575		44800	50000	-10.5	20.0
N-Nitrosodi-n-propylamine	Ave	0.9433	0.8576	0.0500	45500	50000	-9.1	20.0
3 & 4 Methylphenol	Ave	1.148	1.121		48800	50000	-2.3	20.0
4-Methylphenol	Ave	1.136	1.121		49300	50000	-1.3	20.0
Hexachloroethane	Ave	0.5872	0.6073		51700	50000	3.4	20.0
Nitrobenzene	Ave	0.6420	0.6472		50400	50000	0.8	20.0
n,n'-Dimethylaniline	Ave	1.797	1.735		48300	50000	-3.4	20.0
Isophorone	Ave	0.7148	0.6758		47300	50000	-5.4	20.0
2-Nitrophenol	Ave	0.2056	0.2057		50000	50000	0.0	20.0
2,4-Dimethylphenol	Ave	0.3281	0.3193		48700	50000	-2.7	20.0
Bis(2-chloroethoxy)methane	Ave	0.4005	0.3998		49900	50000	-0.2	20.0
Benzoic acid	Ave	0.1832	0.1771		48300	50000	-3.4	20.0
2,4-Dichlorophenol	Ave	0.3154	0.3076		48800	50000	-2.5	20.0
1,2,4-Trichlorobenzene	Ave	0.3818	0.3904		51100	50000	2.2	20.0
Naphthalene	Ave	1.032	1.043		50600	50000	1.1	20.0
4-Chloroaniline	Ave	0.3701	0.3699		50000	50000	-0.0	20.0
Hexachlorobutadiene	Ave	0.2460	0.2514		51100	50000	2.2	20.0
Caprolactam	Ave	0.0943	0.0746		39600	50000	-20.9*	20.0
4-Chloro-3-methylphenol	Ave	0.3118	0.2729		43800	50000	-12.5	20.0
2-Methylnaphthalene	Ave	0.6839	0.6712		49100	50000	-1.9	20.0
1-Methylnaphthalene	Ave	0.6994	0.6714		48000	50000	-4.0	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6756	0.7324		54200	50000	8.4	20.0
Hexachlorocyclopentadiene	Ave	0.4124	0.4912	0.0500	59500	50000	19.1	20.0
2-tertbutyl-4-methylphenol	Ave	0.5059	0.4657		46000	50000	-8.0	20.0
2,4,6-Trichlorophenol	Ave	0.3939	0.4049		51400	50000	2.8	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVIS 460-86818/2 Calibration Date: 09/20/2011 10:15

Instrument ID: BNAMS10 Calib Start Date: 09/17/2011 02:47

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/17/2011 05:31

Lab File ID: p19423.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	0.4067	0.4038		49600	50000	-0.7	20.0
Diphenyl	Ave	1.499	1.538		51300	50000	2.6	20.0
2-Chloronaphthalene	Ave	1.138	1.217		53500	50000	6.9	20.0
Diphenyl ether	Ave	0.8545	0.8871		51900	50000	3.8	20.0
2-Nitroaniline	Ave	0.4593	0.4389		47800	50000	-4.4	20.0
1,3-Dimethylnaphthalene	Ave	0.9850	1.012		51400	50000	2.8	20.0
Dimethyl phthalate	Ave	1.211	1.123		46400	50000	-7.3	20.0
Coumarin	Ave	0.2178	0.1759		40400	50000	-19.3	20.0
2,6-Dinitrotoluene	Ave	0.2722	0.2619		48100	50000	-3.8	20.0
Acenaphthylene	Ave	1.683	1.682		50000	50000	-0.0	20.0
3-Nitroaniline	Ave	0.2778	0.2496		44900	50000	-10.2	20.0
Acenaphthene	Ave	1.078	1.065		49400	50000	-1.2	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.239	1.205		48600	50000	-2.7	20.0
2,4-Dinitrophenol	Ave	0.1700	0.1492	0.0500	43900	50000	-12.3	20.0
4-Nitrophenol	Ave	0.2507	0.2161	0.0500	43100	50000	-13.8	20.0
2,4-Dinitrotoluene	Ave	0.3611	0.3248		45000	50000	-10.0	20.0
Dibenzofuran	Ave	1.557	1.534		49300	50000	-1.5	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.3006	0.2875		47800	50000	-4.4	20.0
2-Naphthylamine	Ave	0.9690	0.8530		44000	50000	-12.0	20.0
Diethyl phthalate	Ave	1.163	1.036		44500	50000	-10.9	20.0
Fluorene	Ave	1.280	1.213		47400	50000	-5.3	20.0
4-Chlorophenyl phenyl ether	Ave	0.6645	0.6129		46100	50000	-7.8	20.0
4-Nitroaniline	Ave	0.2684	0.2175		40500	50000	-19.0	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1551	0.1555		50100	50000	0.2	20.0
N-Nitrosodiphenylamine	Ave	0.6029	0.6082		50400	50000	0.9	20.0
1,2-Diphenylhydrazine	Ave	1.061	1.154		54400	50000	8.8	20.0
4-Bromophenyl phenyl ether	Ave	0.2483	0.2665		53700	50000	7.3	20.0
Hexachlorobenzene	Ave	0.2541	0.2640		52000	50000	3.9	20.0
Atrazine	Ave	0.2335	0.2243		48000	50000	-4.0	20.0
Pentachlorophenol	Ave	0.1449	0.1488		51300	50000	2.7	20.0
n-Octadecane	Ave	0.4088	0.4181		51100	50000	2.3	20.0
Phenanthrene	Ave	1.110	1.105		49800	50000	-0.4	20.0
Anthracene	Ave	1.134	1.159		51100	50000	2.2	20.0
Carbazole	Ave	0.9560	0.9439		49400	50000	-1.3	20.0
Di-n-butyl phthalate	Ave	1.193	1.172		49100	50000	-1.7	20.0
Fluoranthene	Ave	1.081	1.097		50800	50000	1.5	20.0
Benzidine	Ave	0.2365	0.1837		38800	50000	-22.3*	20.0
Pyrene	Ave	1.550	1.474		47600	50000	-4.9	20.0
Butyl benzyl phthalate	Ave	0.6371	0.5984		47000	50000	-6.1	20.0
2,3,7,8-TCDD (Screen)	Ave	0.1586	0.0648		204	500	-59.1*	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVIS 460-86818/2 Calibration Date: 09/20/2011 10:15

Instrument ID: BNAMS10 Calib Start Date: 09/17/2011 02:47

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/17/2011 05:31

Lab File ID: p19423.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbamazepine	Ave	0.5044	0.5579		55300	50000	10.6	20.0
3,3'-Dichlorobenzidine	Ave	0.4034	0.4013		49700	50000	-0.5	20.0
Benzo[a]anthracene	Ave	1.184	1.162		49100	50000	-1.9	20.0
Chrysene	Ave	1.091	1.108		50800	50000	1.6	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.8750	0.8048		46000	50000	-8.0	20.0
Di-n-octyl phthalate	Ave	1.461	1.526		52200	50000	4.4	20.0
Benzo[b]fluoranthene	Ave	1.216	1.269		52200	50000	4.4	20.0
Benzo[k]fluoranthene	Ave	1.233	1.250		50700	50000	1.4	20.0
Benzo[a]pyrene	Ave	1.040	1.062		51000	50000	2.0	20.0
Indeno[1,2,3-cd]pyrene	Ave	0.9495	1.049		55200	50000	10.4	20.0
Dibenz(a,h)anthracene	Ave	0.9506	1.025		53900	50000	7.8	20.0
Benzo[g,h,i]perylene	Ave	1.019	1.051		51600	50000	3.1	20.0
2-Fluorophenol	Ave	1.233	1.235		50100	50000	0.2	20.0
Phenol-d5	Ave	1.534	1.410		46000	50000	-8.1	20.0
Nitrobenzene-d5	Ave	0.4693	0.4613		49100	50000	-1.7	20.0
2-Fluorobiphenyl	Ave	1.378	1.443		52400	50000	4.7	20.0
2,4,6-Tribromophenol	Ave	0.1809	0.1634		45200	50000	-9.7	20.0
Terphenyl-d14	Ave	1.076	0.996		46300	50000	-7.5	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVIS 460-86052/2 Calibration Date: 09/14/2011 02:44

Instrument ID: BNAMS11 Calib Start Date: 09/13/2011 11:34

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/13/2011 14:23

Lab File ID: z19805.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6799	0.6106		44900	50000	-10.2	20.0
N-Nitrosodimethylamine	Ave	0.8795	0.7827		44500	50000	-11.0	20.0
Pyridine	Ave	1.608	1.441		44800	50000	-10.4	20.0
Benzaldehyde	Ave	0.4648	0.4122		44300	50000	-11.3	20.0
Phenol	Ave	1.770	1.651		46600	50000	-6.7	20.0
Aniline	Ave	1.939	1.894		48800	50000	-2.3	20.0
Bis(2-chloroethyl)ether	Ave	1.363	1.307		47900	50000	-4.1	20.0
2-Chlorophenol	Ave	1.436	1.360		47400	50000	-5.3	20.0
Decane	Ave	1.507	1.327		44000	50000	-12.0	20.0
1,3-Dichlorobenzene	Ave	1.649	1.647		49900	50000	-0.2	20.0
1,4-Dichlorobenzene	Ave	1.642	1.696		51600	50000	3.3	20.0
Benzyl alcohol	Ave	0.7471	0.7943		53200	50000	6.3	20.0
1,2-Dichlorobenzene	Ave	1.490	1.532		51400	50000	2.8	20.0
2-Methylphenol	Ave	1.078	1.088		50500	50000	0.9	20.0
2,2'-oxybis[1-chloropropane]	Ave	1.528	1.448		47400	50000	-5.2	20.0
o-Toluidine	Ave	1.473	1.541		52300	50000	4.6	20.0
Acetophenone	Ave	1.640	1.731		52800	50000	5.5	20.0
N-Nitrosodi-n-propylamine	Ave	0.8015	0.8105	0.0500	50600	50000	1.1	20.0
3 & 4 Methylphenol	Ave	1.151	1.079		46900	50000	-6.2	20.0
4-Methylphenol	Ave	1.149	1.079		47000	50000	-6.1	20.0
Hexachloroethane	Ave	0.6559	0.6615		50400	50000	0.9	20.0
n,n'-Dimethylaniline	Ave	1.756	2.024		57600	50000	15.3	20.0
Nitrobenzene	Ave	0.5897	0.5808		49200	50000	-1.5	20.0
Isophorone	Ave	0.6081	0.5900		48500	50000	-3.0	20.0
2-Nitrophenol	Ave	0.1980	0.1956		49400	50000	-1.2	20.0
2,4-Dimethylphenol	Ave	0.3100	0.3018		48700	50000	-2.6	20.0
Bis(2-chloroethoxy)methane	Ave	0.3756	0.3766		50100	50000	0.3	20.0
Benzoic acid	LinF	0.1246	0.1488		52900	50000	5.7	20.0
2,4-Dichlorophenol	Ave	0.2674	0.2601		48600	50000	-2.8	20.0
1,2,4-Trichlorobenzene	Ave	0.3248	0.3239		49900	50000	-0.3	20.0
Naphthalene	Ave	1.089	1.120		51400	50000	2.9	20.0
4-Chloroaniline	Ave	0.3715	0.3710		49900	50000	-0.2	20.0
Hexachlorobutadiene	Ave	0.2058	0.2081		50600	50000	1.1	20.0
Caprolactam	Ave	0.0736	0.0655		44500	50000	-11.0	20.0
4-Chloro-3-methylphenol	Ave	0.2621	0.2488		47500	50000	-5.1	20.0
2-Methylnaphthalene	Ave	0.6301	0.6414		50900	50000	1.8	20.0
1-Methylnaphthalene	Ave	0.6328	0.6475		51200	50000	2.3	20.0
Hexachlorocyclopentadiene	Ave	0.4043	0.4586	0.0500	56700	50000	13.4	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6743	0.6957		51600	50000	3.2	20.0
2-tertbutyl-4-methylphenol	Ave	0.4462	0.4426		49600	50000	-0.8	20.0
2,4,6-Trichlorophenol	Ave	0.3803	0.3815		50200	50000	0.3	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVIS 460-86052/2 Calibration Date: 09/14/2011 02:44

Instrument ID: BNAMS11 Calib Start Date: 09/13/2011 11:34

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/13/2011 14:23

Lab File ID: z19805.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	0.3807	0.3716		48800	50000	-2.4	20.0
Diphenyl	Ave	1.757	1.788		50900	50000	1.8	20.0
2-Chloronaphthalene	Ave	1.265	1.280		50600	50000	1.2	20.0
Diphenyl ether	Ave	0.8874	0.9197		51800	50000	3.6	20.0
2-Nitroaniline	Ave	0.4203	0.4417		52500	50000	5.1	20.0
Dimethylnaphthalene, total	Ave	1.096	1.139		52000	50000	4.0	20.0
Dimethyl phthalate	Ave	1.213	1.141		47000	50000	-5.9	20.0
Coumarin	Ave	0.1660	0.1444		43500	50000	-13.0	20.0
2,6-Dinitrotoluene	Ave	0.2677	0.2605		48700	50000	-2.7	20.0
Acenaphthylene	Ave	1.919	1.937		50500	50000	0.9	20.0
3-Nitroaniline	Ave	0.2816	0.2552		45300	50000	-9.4	20.0
Acenaphthene	Ave	1.173	1.242		52900	50000	5.9	20.0
2,4-Dinitrophenol	QuaF	0.1360	0.1398	0.0500	47800	50000	-4.3	20.0
4-Nitrophenol	Ave	0.2189	0.1890	0.0500	43200	50000	-13.6	20.0
2,4-Dinitrotoluene	Ave	0.3435	0.3108		45200	50000	-9.5	20.0
Dibenzofuran	Ave	1.576	1.579		50100	50000	0.2	20.0
1-Naphthylamine	Ave	0.9260	0.8230		44400	50000	-11.1	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2658	0.2722		51200	50000	2.4	20.0
2-Naphthylamine	Ave	0.9822	0.8032		40900	50000	-18.2	20.0
Diethyl phthalate	Ave	1.224	1.131		46200	50000	-7.6	20.0
4-Chlorophenyl phenyl ether	Ave	0.5776	0.5793		50100	50000	0.3	20.0
Fluorene	Ave	1.276	1.269		49800	50000	-0.5	20.0
4-Nitroaniline	Ave	0.2543	0.2106		41400	50000	-17.2	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1339	0.1412		52700	50000	5.5	20.0
N-Nitrosodiphenylamine	Ave	0.6120	0.6329		51700	50000	3.4	20.0
1,2-Diphenylhydrazine	Ave	1.112	1.279		57500	50000	15.1	20.0
4-Bromophenyl phenyl ether	Ave	0.2487	0.2701		54300	50000	8.6	20.0
Hexachlorobenzene	Ave	0.2769	0.2858		51600	50000	3.2	20.0
Atrazine	Ave	0.2142	0.2017		47100	50000	-5.8	20.0
Pentachlorophenol	QuaF	0.1245	0.1424		53200	50000	6.4	20.0
n-Octadecane	Ave	0.5986	0.6725		56200	50000	12.3	20.0
Phenanthrene	Ave	1.160	1.182		50900	50000	1.9	20.0
Anthracene	Ave	1.174	1.204		51300	50000	2.6	20.0
Carbazole	Ave	0.9530	0.8864		46500	50000	-7.0	20.0
Di-n-butyl phthalate	Ave	1.337	1.284		48000	50000	-4.0	20.0
Fluoranthene	Ave	1.016	0.9298		45800	50000	-8.5	20.0
Benzidine	Ave	0.2155	0.0716		16600	50000	-66.8*	20.0
Pyrene	Ave	1.612	1.787		55400	50000	10.8	20.0
Butyl benzyl phthalate	Ave	0.7468	0.7809		52300	50000	4.6	20.0
Carbamazepine	LinF	0.3884	0.4574		50000	50000	-0.0	20.0
3,3'-Dichlorobenzidine	QuaF	0.3570	0.3368		49400	50000	-1.1	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVIS 460-86052/2 Calibration Date: 09/14/2011 02:44

Instrument ID: BNAMS11 Calib Start Date: 09/13/2011 11:34

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/13/2011 14:23

Lab File ID: z19805.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzo[a]anthracene	Ave	1.251	1.213		48500	50000	-3.0	20.0
Chrysene	Ave	1.141	1.158		50700	50000	1.5	20.0
Bis(2-ethylhexyl) phthalate	Ave	1.031	1.085		52600	50000	5.2	20.0
Di-n-octyl phthalate	Ave	1.830	2.011		55000	50000	9.9	20.0
Benzo[b]fluoranthene	Ave	1.195	1.210		50600	50000	1.3	20.0
Benzo[k]fluoranthene	Ave	1.229	1.294		52600	50000	5.2	20.0
Benzo[a]pyrene	Ave	0.999	1.004		50300	50000	0.6	20.0
Indeno[1,2,3-cd]pyrene	Ave	0.9557	0.9396		49200	50000	-1.7	20.0
Dibenz(a,h)anthracene	Ave	0.9103	0.9516		52300	50000	4.5	20.0
Benzo[g,h,i]perylene	Ave	0.9587	0.9354		48800	50000	-2.4	20.0
2-Fluorophenol	Ave	1.518	1.325		43600	50000	-12.7	20.0
Phenol-d5	Ave	1.594	1.495		46900	50000	-6.3	20.0
Nitrobenzene-d5	Ave	0.4333	0.4132		47700	50000	-4.6	20.0
2-Fluorobiphenyl	Ave	1.514	1.551		51200	50000	2.5	20.0
2,4,6-Tribromophenol	Ave	0.1770	0.1729		48800	50000	-2.3	20.0
Terphenyl-d14	Ave	1.145	1.267		55300	50000	10.6	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVIS 460-86827/2 Calibration Date: 09/21/2011 00:12

Instrument ID: BNAMS11 Calib Start Date: 09/13/2011 11:34

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/13/2011 14:23

Lab File ID: z10021.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6799	0.5952		43800	50000	-12.5	20.0
N-Nitrosodimethylamine	Ave	0.8795	0.7942		45100	50000	-9.7	20.0
Pyridine	Ave	1.608	1.464		45500	50000	-9.0	20.0
Benzaldehyde	Ave	0.4648	0.3463		37300	50000	-25.5*	20.0
Aniline	Ave	1.939	1.918		49400	50000	-1.1	20.0
Phenol	Ave	1.770	1.638		46300	50000	-7.5	20.0
Bis(2-chloroethyl)ether	Ave	1.363	1.282		47000	50000	-6.0	20.0
2-Chlorophenol	Ave	1.436	1.349		47000	50000	-6.0	20.0
Decane	Ave	1.507	1.270		42100	50000	-15.7	20.0
1,3-Dichlorobenzene	Ave	1.649	1.645		49900	50000	-0.3	20.0
1,4-Dichlorobenzene	Ave	1.642	1.663		50600	50000	1.3	20.0
Benzyl alcohol	Ave	0.7471	0.7706		51600	50000	3.1	20.0
1,2-Dichlorobenzene	Ave	1.490	1.525		51100	50000	2.3	20.0
2,2'-oxybis[1-chloropropane]	Ave	1.528	1.354		44300	50000	-11.4	20.0
2-Methylphenol	Ave	1.078	1.102		51100	50000	2.3	20.0
o-Toluidine	Ave	1.473	1.461		49600	50000	-0.8	20.0
Acetophenone	Ave	1.640	1.654		50400	50000	0.9	20.0
N-Nitrosodi-n-propylamine	Ave	0.8015	0.7849	0.0500	49000	50000	-2.1	20.0
3 & 4 Methylphenol	Ave	1.151	1.226		53300	50000	6.5	20.0
4-Methylphenol	Ave	1.149	1.217		53000	50000	5.9	20.0
Hexachloroethane	Ave	0.6559	0.6405		48800	50000	-2.3	20.0
Nitrobenzene	Ave	0.5897	0.5765		48900	50000	-2.3	20.0
n,n'-Dimethylaniline	Ave	1.756	1.985		56500	50000	13.0	20.0
Isophorone	Ave	0.6081	0.5839		48000	50000	-4.0	20.0
2-Nitrophenol	Ave	0.1980	0.1954		49400	50000	-1.3	20.0
2,4-Dimethylphenol	Ave	0.3100	0.3022		48800	50000	-2.5	20.0
Bis(2-chloroethoxy)methane	Ave	0.3756	0.3782		50300	50000	0.7	20.0
Benzoic acid	LinF	0.1246	0.1184		42100	50000	-15.9	20.0
2,4-Dichlorophenol	Ave	0.2674	0.2575		48100	50000	-3.7	20.0
1,2,4-Trichlorobenzene	Ave	0.3248	0.3275		50400	50000	0.8	20.0
Naphthalene	Ave	1.089	1.111		51000	50000	2.0	20.0
4-Chloroaniline	Ave	0.3715	0.3703		49800	50000	-0.3	20.0
Hexachlorobutadiene	Ave	0.2058	0.2042		49600	50000	-0.7	20.0
Caprolactam	Ave	0.0736	0.0619		42100	50000	-15.9	20.0
4-Chloro-3-methylphenol	Ave	0.2621	0.2448		46700	50000	-6.6	20.0
2-Methylnaphthalene	Ave	0.6301	0.6372		50600	50000	1.1	20.0
1-Methylnaphthalene	Ave	0.6328	0.6362		50300	50000	0.5	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6743	0.7047		52300	50000	4.5	20.0
Hexachlorocyclopentadiene	Ave	0.4043	0.4376	0.0500	54100	50000	8.3	20.0
2-tertbutyl-4-methylphenol	Ave	0.4462	0.4236		47500	50000	-5.1	20.0
2,4,6-Trichlorophenol	Ave	0.3803	0.3796		49900	50000	-0.2	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVIS 460-86827/2 Calibration Date: 09/21/2011 00:12

Instrument ID: BNAMS11 Calib Start Date: 09/13/2011 11:34

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/13/2011 14:23

Lab File ID: z10021.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	0.3807	0.3761		49400	50000	-1.2	20.0
Diphenyl	Ave	1.757	1.822		51900	50000	3.7	20.0
2-Chloronaphthalene	Ave	1.265	1.315		52000	50000	4.0	20.0
Diphenyl ether	Ave	0.8874	0.9217		51900	50000	3.9	20.0
2-Nitroaniline	Ave	0.4203	0.3825		45500	50000	-9.0	20.0
Dimethylnaphthalene, total	Ave	1.096	1.138		51900	50000	3.9	20.0
Dimethyl phthalate	Ave	1.213	1.117		46000	50000	-7.9	20.0
Coumarin	Ave	0.1660	0.1398		42100	50000	-15.8	20.0
2,6-Dinitrotoluene	Ave	0.2677	0.2541		47400	50000	-5.1	20.0
Acenaphthylene	Ave	1.919	1.961		51100	50000	2.2	20.0
3-Nitroaniline	Ave	0.2816	0.2481		44100	50000	-11.9	20.0
Acenaphthene	Ave	1.173	1.204		51300	50000	2.6	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.144	1.185		51800	50000	3.6	20.0
2,4-Dinitrophenol	QuaF	0.1360	0.1152	0.0500	39900	50000	-20.2*	20.0
4-Nitrophenol	Ave	0.2189	0.1673	0.0500	38200	50000	-23.5*	20.0
Dibenzofuran	Ave	1.576	1.562		49600	50000	-0.9	20.0
2,4-Dinitrotoluene	Ave	0.3435	0.2893		42100	50000	-15.8	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2658	0.2544		47900	50000	-4.3	20.0
2-Naphthylamine	Ave	0.9822	0.7949		40500	50000	-19.1	20.0
Diethyl phthalate	Ave	1.224	1.066		43600	50000	-12.9	20.0
Fluorene	Ave	1.276	1.205		47200	50000	-5.5	20.0
4-Chlorophenyl phenyl ether	Ave	0.5776	0.5558		48100	50000	-3.8	20.0
4-Nitroaniline	Ave	0.2543	0.1702		33500	50000	-33.1*	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1339	0.1300		48600	50000	-2.9	20.0
N-Nitrosodiphenylamine	Ave	0.6120	0.6233		50900	50000	1.8	20.0
1,2-Diphenylhydrazine	Ave	1.112	1.291		58000	50000	16.1	20.0
4-Bromophenyl phenyl ether	Ave	0.2487	0.2742		55100	50000	10.3	20.0
Hexachlorobenzene	Ave	0.2769	0.2866		51700	50000	3.5	20.0
Atrazine	Ave	0.2142	0.1884		44000	50000	-12.0	20.0
Pentachlorophenol	QuaF	0.1245	0.1268		47800	50000	-4.5	20.0
n-Octadecane	Ave	0.5986	0.6555		54800	50000	9.5	20.0
Phenanthrene	Ave	1.160	1.174		50600	50000	1.1	20.0
Anthracene	Ave	1.174	1.187		50600	50000	1.1	20.0
Carbazole	Ave	0.9530	0.8660		45400	50000	-9.1	20.0
Di-n-butyl phthalate	Ave	1.337	1.141		42700	50000	-14.7	20.0
Fluoranthene	Ave	1.016	0.8580		42200	50000	-15.6	20.0
Benzidine	Ave	0.2155	0.0507		11800	50000	-76.5*	20.0
Pyrene	Ave	1.612	1.819		56400	50000	12.8	20.0
Butyl benzyl phthalate	Ave	0.7468	0.7226		48400	50000	-3.2	20.0
2,3,7,8-TCDD (Screen)	Ave	0.2024	0.1508		372	500	-25.5*	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVIS 460-86827/2 Calibration Date: 09/21/2011 00:12

Instrument ID: BNAMS11 Calib Start Date: 09/13/2011 11:34

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/13/2011 14:23

Lab File ID: z10021.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbamazepine	LinF	0.3884	0.4600		50300	50000	0.5	20.0
3,3'-Dichlorobenzidine	QuaF	0.3570	0.3398		50000	50000	-0.1	20.0
Benzo[a]anthracene	Ave	1.251	1.192		47700	50000	-4.7	20.0
Chrysene	Ave	1.141	1.179		51700	50000	3.4	20.0
Bis(2-ethylhexyl) phthalate	Ave	1.031	0.8991		43600	50000	-12.8	20.0
Di-n-octyl phthalate	Ave	1.830	1.592		43500	50000	-13.0	20.0
Benzo[b]fluoranthene	Ave	1.195	1.139		47600	50000	-4.7	20.0
Benzo[k]fluoranthene	Ave	1.229	1.277		51900	50000	3.8	20.0
Benzo[a]pyrene	Ave	0.999	0.9721		48700	50000	-2.7	20.0
Indeno[1,2,3-cd]pyrene	Ave	0.9557	0.9689		50700	50000	1.4	20.0
Dibenz(a,h)anthracene	Ave	0.9103	0.9526		52300	50000	4.7	20.0
Benzo[g,h,i]perylene	Ave	0.9587	0.997		52000	50000	4.0	20.0
2-Fluorophenol	Ave	1.518	1.345		44300	50000	-11.4	20.0
Phenol-d5	Ave	1.594	1.507		47300	50000	-5.5	20.0
Nitrobenzene-d5	Ave	0.4333	0.4145		47800	50000	-4.3	20.0
2-Fluorobiphenyl	Ave	1.514	1.574		52000	50000	4.0	20.0
2,4,6-Tribromophenol	Ave	0.1770	0.1637		46300	50000	-7.5	20.0
Terphenyl-d14	Ave	1.145	1.226		53500	50000	7.0	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVIS 460-86039/2 Calibration Date: 09/13/2011 23:55

Instrument ID: BNAMS4 Calib Start Date: 09/06/2011 16:22

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/06/2011 18:34

Lab File ID: u70063.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.8197	0.8125		49600	50000	-0.9	20.0
N-Nitrosodimethylamine	Ave	1.156	1.047		45300	50000	-9.5	20.0
Pyridine	Ave	1.820	1.718		47200	50000	-5.6	20.0
Benzaldehyde	Ave	0.9326	0.4706		25200	50000	-49.5*	20.0
Aniline	Ave	2.419	2.310		47700	50000	-4.5	20.0
Phenol	Ave	2.354	1.906		40500	50000	-19.0	20.0
Bis(2-chloroethyl)ether	Ave	1.922	1.519		39500	50000	-21.0*	20.0
2-Chlorophenol	Ave	1.293	1.166		45100	50000	-9.8	20.0
Decane	QuaF	1.865	1.732		49800	50000	-0.4	20.0
1,3-Dichlorobenzene	Ave	1.536	1.438		46800	50000	-6.3	20.0
1,4-Dichlorobenzene	Ave	1.423	1.371		48200	50000	-3.6	20.0
1,2-Dichlorobenzene	Ave	1.450	1.472		50800	50000	1.5	20.0
Benzyl alcohol	Ave	1.042	0.9529		45700	50000	-8.6	20.0
2,2'-oxybis[1-chloropropane]	Ave	2.748	2.499		45500	50000	-9.1	20.0
2-Methylphenol	Ave	1.443	1.176		40700	50000	-18.5	20.0
Acetophenone	Ave	2.317	1.741		37600	50000	-24.8*	20.0
N-Nitrosodi-n-propylamine	Ave	1.373	0.998	0.0500	36300	50000	-27.3*	20.0
3 & 4 Methylphenol	Ave	1.560	1.328		42600	50000	-14.8	20.0
4-Methylphenol	Ave	1.511	1.292		42800	50000	-14.5	20.0
o-Toluidine	Ave	1.732	2.853		82300	50000	64.7*	20.0
Hexachloroethane	Ave	0.6973	0.6393		45800	50000	-8.3	20.0
n,n'-Dimethylaniline	Ave	1.677	1.504		44800	50000	-10.4	20.0
Nitrobenzene	Ave	0.7755	0.7301		47100	50000	-5.9	20.0
Isophorone	Ave	1.262	1.123		44500	50000	-11.0	20.0
2-Nitrophenol	Ave	0.2559	0.2628		51400	50000	2.7	20.0
2,4-Dimethylphenol	Ave	0.3616	0.3289		45500	50000	-9.1	20.0
Bis(2-chloroethoxy)methane	Ave	0.6417	0.6125		47700	50000	-4.5	20.0
2,4-Dichlorophenol	Ave	0.3988	0.3684		46200	50000	-7.6	20.0
Benzoic acid	QuaF	0.1352	0.1675		51000	50000	2.0	20.0
1,2,4-Trichlorobenzene	Ave	0.3823	0.3652		47800	50000	-4.5	20.0
Naphthalene	Ave	0.9479	0.9662		51000	50000	1.9	20.0
4-Chloroaniline	Ave	0.4451	0.4082		45800	50000	-8.3	20.0
Hexachlorobutadiene	Ave	0.2693	0.2587		48000	50000	-3.9	20.0
Caprolactam	Ave	0.1399	0.1155		41300	50000	-17.4	20.0
4-Chloro-3-methylphenol	Ave	0.4951	0.4045		40900	50000	-18.3	20.0
2-Methylnaphthalene	Ave	0.7878	0.7134		45300	50000	-9.4	20.0
1-Methylnaphthalene	Ave	0.7872	0.7288		46300	50000	-7.4	20.0
Hexachlorocyclopentadiene	QuaF	0.2773	0.3349	0.0500	53800	50000	7.6	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6362	0.6304		49500	50000	-0.9	20.0
2-tertbutyl-4-methylphenol	Ave	0.5941	0.4964		41800	50000	-16.4	20.0
2,4,6-Trichlorophenol	Ave	0.3960	0.3841		48500	50000	-3.0	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVIS 460-86039/2 Calibration Date: 09/13/2011 23:55

Instrument ID: BNAMS4 Calib Start Date: 09/06/2011 16:22

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/06/2011 18:34

Lab File ID: u70063.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	0.4240	0.4015		47300	50000	-5.3	20.0
Diphenyl	Ave	1.468	1.455		49600	50000	-0.9	20.0
2-Chloronaphthalene	Ave	1.137	1.109		48800	50000	-2.5	20.0
Diphenyl ether	Ave	0.7813	0.7688		49200	50000	-1.6	20.0
2-Nitroaniline	Ave	0.5648	0.4875		43200	50000	-13.7	20.0
Dimethylnaphthalene, total	Ave	0.9627	0.9427		49000	50000	-2.1	20.0
Dimethyl phthalate	Ave	1.506	1.225		40700	50000	-18.6	20.0
Coumarin	Ave	0.2943	0.2215		37600	50000	-24.7*	20.0
2,6-Dinitrotoluene	Ave	0.3445	0.2971		43100	50000	-13.8	20.0
Acenaphthylene	Ave	1.726	1.604		46500	50000	-7.1	20.0
3-Nitroaniline	Ave	0.3763	0.3139		41700	50000	-16.6	20.0
Acenaphthene	Ave	1.040	0.9888		47600	50000	-4.9	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.9400	0.8680		46200	50000	-7.7	20.0
2,4-Dinitrophenol	QuaF	0.1480	0.1817	0.0500	55400	50000	10.7	20.0
4-Nitrophenol	Ave	0.3648	0.2902	0.0500	39800	50000	-20.5*	20.0
Dibenzofuran	Ave	1.593	1.517		47600	50000	-4.8	20.0
2,4-Dinitrotoluene	Ave	0.4744	0.3910		41200	50000	-17.6	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.3653	0.3470		47500	50000	-5.0	20.0
2-Naphthylamine	Ave	1.011	0.8521		42100	50000	-15.7	20.0
Diethyl phthalate	Ave	1.511	1.176		38900	50000	-22.2*	20.0
4-Chlorophenyl phenyl ether	Ave	0.6710	0.5885		43900	50000	-12.3	20.0
Fluorene	Ave	1.297	1.179		45400	50000	-9.1	20.0
4-Nitroaniline	Ave	0.3338	0.2691		40300	50000	-19.4	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1584	0.1813		57200	50000	14.4	20.0
N-Nitrosodiphenylamine	Ave	0.5997	0.5688		47400	50000	-5.2	20.0
1,2-Diphenylhydrazine	Ave	1.417	1.470		51900	50000	3.8	20.0
4-Bromophenyl phenyl ether	Ave	0.3246	0.3265		50300	50000	0.6	20.0
Hexachlorobenzene	Ave	0.3488	0.3429		49200	50000	-1.7	20.0
Atrazine	Ave	0.2721	0.2396		44000	50000	-12.0	20.0
Pentachlorophenol	QuaF	0.1733	0.1822		48700	50000	-2.6	20.0
n-Octadecane	Ave	0.7297	0.6794		46600	50000	-6.9	20.0
Phenanthrene	Ave	1.074	1.020		47500	50000	-5.0	20.0
Anthracene	Ave	1.120	1.041		46500	50000	-7.0	20.0
Carbazole	Ave	1.074	0.9547		44400	50000	-11.1	20.0
Di-n-butyl phthalate	Ave	1.732	1.407		40600	50000	-18.8	20.0
Fluoranthene	Ave	1.352	1.200		44400	50000	-11.2	20.0
Benzidine	Ave	0.2191	0.0820		18700	50000	-62.6*	20.0
Pyrene	Ave	1.513	1.504		49700	50000	-0.6	20.0
Butyl benzyl phthalate	Ave	0.8894	0.8070		45400	50000	-9.3	20.0
Carbamazepine	Ave	0.4090	0.4200		51300	50000	2.7	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVIS 460-86039/2 Calibration Date: 09/13/2011 23:55

Instrument ID: BNAMS4 Calib Start Date: 09/06/2011 16:22

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/06/2011 18:34

Lab File ID: u70063.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	0.1904	0.1548		406	500	-18.7	20.0
3,3'-Dichlorobenzidine	Ave	0.4129	0.3358		40700	50000	-18.7	20.0
Benzo[a]anthracene	Ave	1.185	1.107		46700	50000	-6.6	20.0
Chrysene	Ave	0.9514	0.9359		49200	50000	-1.6	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.9676	0.8391		43400	50000	-13.3	20.0
Di-n-octyl phthalate	Ave	2.660	2.383		44800	50000	-10.4	20.0
Benzo[b]fluoranthene	Ave	1.484	1.366		46000	50000	-8.0	20.0
Benzo[k]fluoranthene	Ave	1.490	1.447		48600	50000	-2.9	20.0
Benzo[a]pyrene	Ave	1.161	1.147		49400	50000	-1.3	20.0
Indeno[1,2,3-cd]pyrene	Ave	0.9796	1.057		53900	50000	7.9	20.0
Dibenz(a,h)anthracene	Ave	0.8116	0.8452		52100	50000	4.1	20.0
Benzo[g,h,i]perylene	Ave	0.8954	0.9128		51000	50000	1.9	20.0
2-Fluorophenol	Ave	1.458	1.518		52000	50000	4.1	20.0
Phenol-d5	Ave	2.300	1.839		40000	50000	-20.0	20.0
Nitrobenzene-d5	Ave	0.6527	0.6312		48400	50000	-3.3	20.0
2-Fluorobiphenyl	Ave	1.254	1.203		48000	50000	-4.1	20.0
2,4,6-Tribromophenol	Ave	0.2790	0.2476		44400	50000	-11.3	20.0
Terphenyl-d14	Ave	1.269	1.188		46800	50000	-6.4	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVIS 460-86190/2 Calibration Date: 09/14/2011 15:20

Instrument ID: BNAMS4 Calib Start Date: 09/06/2011 16:22

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/06/2011 18:34

Lab File ID: u70096.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.8197	0.6194		37800	50000	-24.4*	20.0
N-Nitrosodimethylamine	Ave	1.156	1.032		44700	50000	-10.7	20.0
Pyridine	Ave	1.820	1.593		43800	50000	-12.5	20.0
Benzaldehyde	Ave	0.9326	0.7149		38300	50000	-23.3*	20.0
Aniline	Ave	2.419	2.366		48900	50000	-2.2	20.0
Phenol	Ave	2.354	2.056		43700	50000	-12.7	20.0
Bis(2-chloroethyl)ether	Ave	1.922	1.625		42300	50000	-15.5	20.0
2-Chlorophenol	Ave	1.293	1.134		43900	50000	-12.3	20.0
Decane	QuaF	1.865	1.691		48400	50000	-3.2	20.0
1,3-Dichlorobenzene	Ave	1.536	1.451		47200	50000	-5.5	20.0
1,4-Dichlorobenzene	Ave	1.423	1.316		46300	50000	-7.5	20.0
1,2-Dichlorobenzene	Ave	1.450	1.451		50000	50000	0.0	20.0
Benzyl alcohol	Ave	1.042	0.9392		45100	50000	-9.9	20.0
2,2'-oxybis[1-chloropropane]	Ave	2.748	2.433		44300	50000	-11.4	20.0
2-Methylphenol	Ave	1.443	1.224		42400	50000	-15.2	20.0
o-Toluidine	Ave	1.732	1.588		45800	50000	-8.4	20.0
Acetophenone	Ave	2.317	1.871		40400	50000	-19.2	20.0
N-Nitrosodi-n-propylamine	Ave	1.373	1.100	0.0500	40100	50000	-19.9	20.0
3 & 4 Methylphenol	Ave	1.560	1.263		40500	50000	-19.1	20.0
4-Methylphenol	Ave	1.511	1.263		41800	50000	-16.4	20.0
Hexachloroethane	Ave	0.6973	0.6242		44800	50000	-10.5	20.0
n,n'-Dimethylaniline	Ave	1.677	1.548		46200	50000	-7.7	20.0
Nitrobenzene	Ave	0.7755	0.6782		43700	50000	-12.5	20.0
Isophorone	Ave	1.262	1.125		44600	50000	-10.9	20.0
2-Nitrophenol	Ave	0.2559	0.2571		50200	50000	0.5	20.0
2,4-Dimethylphenol	Ave	0.3616	0.3358		46400	50000	-7.2	20.0
Bis(2-chloroethoxy)methane	Ave	0.6417	0.5984		46600	50000	-6.7	20.0
2,4-Dichlorophenol	Ave	0.3988	0.3796		47600	50000	-4.8	20.0
Benzoic acid	QuaF	0.1352	0.1495		45200	50000	-9.5	20.0
1,2,4-Trichlorobenzene	Ave	0.3823	0.3556		46500	50000	-7.0	20.0
Naphthalene	Ave	0.9479	0.9138		48200	50000	-3.6	20.0
4-Chloroaniline	Ave	0.4451	0.4034		45300	50000	-9.4	20.0
Hexachlorobutadiene	Ave	0.2693	0.2440		45300	50000	-9.4	20.0
Caprolactam	Ave	0.1399	0.1275		45600	50000	-8.8	20.0
4-Chloro-3-methylphenol	Ave	0.4951	0.4337		43800	50000	-12.4	20.0
2-Methylnaphthalene	Ave	0.7878	0.7329		46500	50000	-7.0	20.0
1-Methylnaphthalene	Ave	0.7872	0.7106		45100	50000	-9.7	20.0
Hexachlorocyclopentadiene	QuaF	0.2773	0.2869	0.0500	46600	50000	-6.8	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6362	0.5741		45100	50000	-9.8	20.0
2-tertbutyl-4-methylphenol	Ave	0.5941	0.5193		43700	50000	-12.6	20.0
2,4,6-Trichlorophenol	Ave	0.3960	0.3601		45500	50000	-9.1	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVIS 460-86190/2 Calibration Date: 09/14/2011 15:20

Instrument ID: BNAMS4 Calib Start Date: 09/06/2011 16:22

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/06/2011 18:34

Lab File ID: u70096.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	0.4240	0.3813		45000	50000	-10.1	20.0
Diphenyl	Ave	1.468	1.298		44200	50000	-11.5	20.0
2-Chloronaphthalene	Ave	1.137	1.021		44900	50000	-10.2	20.0
Diphenyl ether	Ave	0.7813	0.7206		46100	50000	-7.8	20.0
2-Nitroaniline	Ave	0.5648	0.4484		39700	50000	-20.6*	20.0
Dimethylnaphthalene, total	Ave	0.9627	0.8537		44300	50000	-11.3	20.0
Dimethyl phthalate	Ave	1.506	1.326		44000	50000	-12.0	20.0
Coumarin	Ave	0.2943	0.2692		45700	50000	-8.5	20.0
2,6-Dinitrotoluene	Ave	0.3445	0.3243		47100	50000	-5.9	20.0
Acenaphthylene	Ave	1.726	1.563		45300	50000	-9.5	20.0
3-Nitroaniline	Ave	0.3763	0.3394		45100	50000	-9.8	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.9400	0.8360		44500	50000	-11.1	20.0
Acenaphthene	Ave	1.040	0.9470		45500	50000	-8.9	20.0
2,4-Dinitrophenol	QuaF	0.1480	0.1812	0.0500	55200	50000	10.5	20.0
4-Nitrophenol	Ave	0.3648	0.3247	0.0500	44500	50000	-11.0	20.0
Dibenzofuran	Ave	1.593	1.431		44900	50000	-10.2	20.0
2,4-Dinitrotoluene	Ave	0.4744	0.4218		44500	50000	-11.1	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.3653	0.3494		47800	50000	-4.3	20.0
2-Naphthylamine	Ave	1.011	0.9196		45500	50000	-9.0	20.0
Diethyl phthalate	Ave	1.511	1.274		42200	50000	-15.7	20.0
Fluorene	Ave	1.297	1.190		45900	50000	-8.2	20.0
4-Chlorophenyl phenyl ether	Ave	0.6710	0.6075		45300	50000	-9.5	20.0
4-Nitroaniline	Ave	0.3338	0.3316		49700	50000	-0.7	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1584	0.1860		58700	50000	17.4	20.0
N-Nitrosodiphenylamine	Ave	0.5997	0.5237		43700	50000	-12.7	20.0
1,2-Diphenylhydrazine	Ave	1.417	1.231		43400	50000	-13.1	20.0
4-Bromophenyl phenyl ether	Ave	0.3246	0.2814		43300	50000	-13.3	20.0
Hexachlorobenzene	Ave	0.3488	0.3148		45100	50000	-9.8	20.0
Atrazine	Ave	0.2721	0.2568		47200	50000	-5.6	20.0
Pentachlorophenol	QuaF	0.1733	0.1931		51500	50000	3.0	20.0
n-Octadecane	Ave	0.7297	0.5842		40000	50000	-19.9	20.0
Phenanthrene	Ave	1.074	1.062		49400	50000	-1.2	20.0
Anthracene	Ave	1.120	1.066		47600	50000	-4.8	20.0
Carbazole	Ave	1.074	1.063		49500	50000	-1.1	20.0
Di-n-butyl phthalate	Ave	1.732	1.512		43700	50000	-12.7	20.0
Fluoranthene	Ave	1.352	1.322		48900	50000	-2.2	20.0
Benzidine	Ave	0.2191	0.2623		59900	50000	19.7	20.0
Pyrene	Ave	1.513	1.468		48500	50000	-3.0	20.0
Butyl benzyl phthalate	Ave	0.8894	0.7144		40200	50000	-19.7	20.0
2,3,7,8-TCDD (Screen)	Ave	0.1904	0.1857		488	500	-2.5	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVIS 460-86190/2 Calibration Date: 09/14/2011 15:20

Instrument ID: BNAMS4 Calib Start Date: 09/06/2011 16:22

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/06/2011 18:34

Lab File ID: u70096.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbamazepine	Ave	0.4090	0.4749		58100	50000	16.1	20.0
3,3'-Dichlorobenzidine	Ave	0.4129	0.4736		57400	50000	14.7	20.0
Benzo[a]anthracene	Ave	1.185	1.171		49400	50000	-1.2	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.9676	0.8358		43200	50000	-13.6	20.0
Chrysene	Ave	0.9514	0.9166		48200	50000	-3.7	20.0
Di-n-octyl phthalate	Ave	2.660	2.165		40700	50000	-18.6	20.0
Benzo[b]fluoranthene	Ave	1.484	1.504		50700	50000	1.3	20.0
Benzo[k]fluoranthene	Ave	1.490	1.275		42800	50000	-14.4	20.0
Benzo[a]pyrene	Ave	1.161	1.130		48700	50000	-2.7	20.0
Indeno[1,2,3-cd]pyrene	Ave	0.9796	1.103		56300	50000	12.6	20.0
Dibenz(a,h)anthracene	Ave	0.8116	0.8573		52800	50000	5.6	20.0
Benzo[g,h,i]perylene	Ave	0.8954	0.8386		46800	50000	-6.3	20.0
2-Fluorophenol	Ave	1.458	1.467		50300	50000	0.6	20.0
Phenol-d5	Ave	2.300	1.932		42000	50000	-16.0	20.0
Nitrobenzene-d5	Ave	0.6527	0.5904		45200	50000	-9.6	20.0
2-Fluorobiphenyl	Ave	1.254	1.088		43400	50000	-13.2	20.0
2,4,6-Tribromophenol	Ave	0.2790	0.2461		44100	50000	-11.8	20.0
Terphenyl-d14	Ave	1.269	1.089		42900	50000	-14.2	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVIS 460-86198/2 Calibration Date: 09/15/2011 11:01

Instrument ID: BNAMS4 Calib Start Date: 09/06/2011 16:22

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/06/2011 18:34

Lab File ID: u70131.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.8197	0.5552		33900	50000	-32.3*	20.0
N-Nitrosodimethylamine	Ave	1.156	0.9514		41100	50000	-17.7	20.0
Pyridine	Ave	1.820	1.409		38700	50000	-22.6*	20.0
Benzaldehyde	Ave	0.9326	0.4524		24300	50000	-51.5*	20.0
Aniline	Ave	2.419	2.515		52000	50000	4.0	20.0
Phenol	Ave	2.354	2.125		45100	50000	-9.7	20.0
Bis(2-chloroethyl)ether	Ave	1.922	1.781		46300	50000	-7.3	20.0
2-Chlorophenol	Ave	1.293	1.227		47500	50000	-5.0	20.0
Decane	QuaF	1.865	1.645		46800	50000	-6.4	20.0
1,3-Dichlorobenzene	Ave	1.536	1.409		45900	50000	-8.3	20.0
1,4-Dichlorobenzene	Ave	1.423	1.364		47900	50000	-4.1	20.0
1,2-Dichlorobenzene	Ave	1.450	1.413		48700	50000	-2.6	20.0
Benzyl alcohol	Ave	1.042	1.031		49400	50000	-1.1	20.0
2,2'-oxybis[1-chloropropane]	Ave	2.748	2.867		52200	50000	4.3	20.0
2-Methylphenol	Ave	1.443	1.405		48700	50000	-2.7	20.0
o-Toluidine	Ave	1.732	1.710		49400	50000	-1.3	20.0
Acetophenone	Ave	2.317	2.045		44100	50000	-11.7	20.0
N-Nitrosodi-n-propylamine	Ave	1.373	1.165	0.0500	42400	50000	-15.2	20.0
3 & 4 Methylphenol	Ave	1.560	1.471		47200	50000	-5.7	20.0
4-Methylphenol	Ave	1.511	1.442		47700	50000	-4.6	20.0
Hexachloroethane	Ave	0.6973	0.6822		48900	50000	-2.2	20.0
n,n'-Dimethylaniline	Ave	1.677	1.607		47900	50000	-4.2	20.0
Nitrobenzene	Ave	0.7755	0.7462		48100	50000	-3.8	20.0
Isophorone	Ave	1.262	1.224		48500	50000	-3.0	20.0
2-Nitrophenol	Ave	0.2559	0.2675		52300	50000	4.5	20.0
2,4-Dimethylphenol	Ave	0.3616	0.3743		51700	50000	3.5	20.0
Bis(2-chloroethoxy)methane	Ave	0.6417	0.6522		50800	50000	1.6	20.0
2,4-Dichlorophenol	Ave	0.3988	0.3873		48600	50000	-2.9	20.0
Benzoic acid	QuaF	0.1352	0.2048		63200	50000	26.4*	20.0
1,2,4-Trichlorobenzene	Ave	0.3823	0.3640		47600	50000	-4.8	20.0
Naphthalene	Ave	0.9479	1.002		52900	50000	5.8	20.0
4-Chloroaniline	Ave	0.4451	0.4478		50300	50000	0.6	20.0
Hexachlorobutadiene	Ave	0.2693	0.2674		49700	50000	-0.7	20.0
Caprolactam	Ave	0.1399	0.1543		55200	50000	10.3	20.0
4-Chloro-3-methylphenol	Ave	0.4951	0.4834		48800	50000	-2.4	20.0
2-Methylnaphthalene	Ave	0.7878	0.7578		48100	50000	-3.8	20.0
1-Methylnaphthalene	Ave	0.7872	0.7415		47100	50000	-5.8	20.0
Hexachlorocyclopentadiene	QuaF	0.2773	0.2816	0.0500	45800	50000	-8.5	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6362	0.6118		48100	50000	-3.8	20.0
2-tertbutyl-4-methylphenol	Ave	0.5941	0.5753		48400	50000	-3.2	20.0
2,4,6-Trichlorophenol	Ave	0.3960	0.3739		47200	50000	-5.6	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVIS 460-86198/2 Calibration Date: 09/15/2011 11:01

Instrument ID: BNAMS4 Calib Start Date: 09/06/2011 16:22

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/06/2011 18:34

Lab File ID: u70131.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	0.4240	0.4041		47700	50000	-4.7	20.0
Diphenyl	Ave	1.468	1.339		45600	50000	-8.8	20.0
2-Chloronaphthalene	Ave	1.137	1.059		46500	50000	-6.9	20.0
Diphenyl ether	Ave	0.7813	0.7233		46300	50000	-7.4	20.0
2-Nitroaniline	Ave	0.5648	0.5093		45100	50000	-9.8	20.0
Dimethylnaphthalene, total	Ave	0.9627	0.9095		47200	50000	-5.5	20.0
Dimethyl phthalate	Ave	1.506	1.430		47500	50000	-5.1	20.0
Coumarin	Ave	0.2943	0.2905		49400	50000	-1.3	20.0
2,6-Dinitrotoluene	Ave	0.3445	0.3315		48100	50000	-3.8	20.0
Acenaphthylene	Ave	1.726	1.589		46000	50000	-8.0	20.0
3-Nitroaniline	Ave	0.3763	0.3723		49500	50000	-1.1	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.9400	0.8444		44900	50000	-10.2	20.0
Acenaphthene	Ave	1.040	1.016		48900	50000	-2.3	20.0
2,4-Dinitrophenol	QuaF	0.1480	0.2023	0.0500	61100	50000	22.2*	20.0
Dibenzofuran	Ave	1.593	1.470		46100	50000	-7.7	20.0
4-Nitrophenol	Ave	0.3648	0.3717	0.0500	50900	50000	1.9	20.0
2,4-Dinitrotoluene	Ave	0.4744	0.4545		47900	50000	-4.2	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.3653	0.3925		53700	50000	7.4	20.0
2-Naphthylamine	Ave	1.011	0.8575		42400	50000	-15.2	20.0
Diethyl phthalate	Ave	1.511	1.396		46200	50000	-7.6	20.0
Fluorene	Ave	1.297	1.281		49400	50000	-1.3	20.0
4-Chlorophenyl phenyl ether	Ave	0.6710	0.6344		47300	50000	-5.5	20.0
4-Nitroaniline	Ave	0.3338	0.3419		51200	50000	2.4	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1584	0.1917		60500	50000	21.0*	20.0
N-Nitrosodiphenylamine	Ave	0.5997	0.5774		48100	50000	-3.7	20.0
1,2-Diphenylhydrazine	Ave	1.417	1.280		45200	50000	-9.6	20.0
4-Bromophenyl phenyl ether	Ave	0.3246	0.2977		45800	50000	-8.3	20.0
Hexachlorobenzene	Ave	0.3488	0.3366		48200	50000	-3.5	20.0
Atrazine	Ave	0.2721	0.2685		49300	50000	-1.3	20.0
Pentachlorophenol	QuaF	0.1733	0.2163		57400	50000	14.7	20.0
n-Octadecane	Ave	0.7297	0.5884		40300	50000	-19.4	20.0
Phenanthrene	Ave	1.074	0.9717		45200	50000	-9.6	20.0
Anthracene	Ave	1.120	1.052		47000	50000	-6.0	20.0
Carbazole	Ave	1.074	1.084		50500	50000	1.0	20.0
Di-n-butyl phthalate	Ave	1.732	1.603		46300	50000	-7.5	20.0
Fluoranthene	Ave	1.352	1.389		51400	50000	2.8	20.0
Benzidine	Ave	0.2191	0.1922		43900	50000	-12.3	20.0
Pyrene	Ave	1.513	1.348		44600	50000	-10.9	20.0
Butyl benzyl phthalate	Ave	0.8894	0.7767		43700	50000	-12.7	20.0
2,3,7,8-TCDD (Screen)	Ave	0.1904	0.1735		456	500	-8.9	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVIS 460-86198/2 Calibration Date: 09/15/2011 11:01

Instrument ID: BNAMS4 Calib Start Date: 09/06/2011 16:22

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/06/2011 18:34

Lab File ID: u70131.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbamazepine	Ave	0.4090	0.4690		57300	50000	14.7	20.0
3,3'-Dichlorobenzidine	Ave	0.4129	0.4139		50100	50000	0.2	20.0
Benzo[a]anthracene	Ave	1.185	1.090		46000	50000	-8.1	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.9676	0.8391		43400	50000	-13.3	20.0
Chrysene	Ave	0.9514	0.9085		47700	50000	-4.5	20.0
Di-n-octyl phthalate	Ave	2.660	2.165		40700	50000	-18.6	20.0
Benzo[b]fluoranthene	Ave	1.484	1.578		53200	50000	6.3	20.0
Benzo[k]fluoranthene	Ave	1.490	1.290		43300	50000	-13.4	20.0
Benzo[a]pyrene	Ave	1.161	1.183		50900	50000	1.8	20.0
Indeno[1,2,3-cd]pyrene	Ave	0.9796	1.010		51500	50000	3.1	20.0
Dibenz(a,h)anthracene	Ave	0.8116	0.7847		48300	50000	-3.3	20.0
Benzo[g,h,i]perylene	Ave	0.8954	0.8048		44900	50000	-10.1	20.0
2-Fluorophenol	Ave	1.458	1.548		53100	50000	6.1	20.0
Phenol-d5	Ave	2.300	2.049		44600	50000	-10.9	20.0
Nitrobenzene-d5	Ave	0.6527	0.6599		50500	50000	1.1	20.0
2-Fluorobiphenyl	Ave	1.254	1.089		43400	50000	-13.2	20.0
2,4,6-Tribromophenol	Ave	0.2790	0.2843		50900	50000	1.9	20.0
Terphenyl-d14	Ave	1.269	1.109		43700	50000	-12.6	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVIS 460-86807/2 Calibration Date: 09/20/2011 23:48

Instrument ID: BNAMS4 Calib Start Date: 09/20/2011 13:28

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/20/2011 15:10

Lab File ID: u70281.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6054	0.6611		54600	50000	9.2	20.0
N-Nitrosodimethylamine	Ave	1.041	1.039		49900	50000	-0.1	20.0
Pyridine	Ave	1.599	1.617		50600	50000	1.1	20.0
Benzaldehyde	Ave	0.7215	0.5739		39800	50000	-20.5*	20.0
Aniline	Ave	2.613	2.568		49100	50000	-1.7	20.0
Phenol	Ave	2.180	1.908		43700	50000	-12.5	20.0
Bis(2-chloroethyl)ether	Ave	1.702	1.540		45300	50000	-9.5	20.0
2-Chlorophenol	Ave	1.298	1.194		46000	50000	-8.0	20.0
Decane	Ave	1.864	1.799		48200	50000	-3.5	20.0
1,3-Dichlorobenzene	Ave	1.511	1.412		46700	50000	-6.6	20.0
1,4-Dichlorobenzene	Ave	1.426	1.354		47500	50000	-5.1	20.0
1,2-Dichlorobenzene	Ave	1.457	1.428		49000	50000	-2.0	20.0
Benzyl alcohol	Ave	0.9364	0.9090		48500	50000	-2.9	20.0
2,2'-oxybis[1-chloropropane]	Ave	2.857	2.780		48700	50000	-2.7	20.0
2-Methylphenol	Ave	1.323	1.243		47000	50000	-6.1	20.0
o-Toluidine	Ave	1.646	1.667		50600	50000	1.3	20.0
Acetophenone	Ave	2.071	1.865		45000	50000	-9.9	20.0
N-Nitrosodi-n-propylamine	LinF	1.216	1.149	0.0500	55700	50000	11.4	20.0
3 & 4 Methylphenol	Ave	1.432	1.374		48000	50000	-4.1	20.0
4-Methylphenol	Ave	1.394	1.321		47400	50000	-5.3	20.0
Hexachloroethane	Ave	0.6357	0.6326		49800	50000	-0.5	20.0
n,n'-Dimethylaniline	Ave	1.606	1.628		50700	50000	1.3	20.0
Nitrobenzene	Ave	0.7109	0.7297		51300	50000	2.7	20.0
Isophorone	Ave	1.147	1.168		50900	50000	1.9	20.0
2-Nitrophenol	Ave	0.2617	0.2655		50700	50000	1.5	20.0
2,4-Dimethylphenol	Ave	0.3555	0.3520		49500	50000	-1.0	20.0
Bis(2-chloroethoxy)methane	Ave	0.6159	0.6482		52600	50000	5.3	20.0
2,4-Dichlorophenol	Ave	0.3813	0.3725		48800	50000	-2.3	20.0
1,2,4-Trichlorobenzene	Ave	0.3601	0.3600		50000	50000	-0.0	20.0
Benzoic acid	LinF	0.1252	0.1511		51500	50000	3.1	20.0
Naphthalene	Ave	0.9497	0.9512		50100	50000	0.2	20.0
4-Chloroaniline	Ave	0.4102	0.4324		52700	50000	5.4	20.0
Hexachlorobutadiene	Ave	0.2431	0.2538		52200	50000	4.4	20.0
Caprolactam	QuaF	0.1050	0.1072		46500	50000	-7.1	20.0
4-Chloro-3-methylphenol	Ave	0.4471	0.4627		51700	50000	3.5	20.0
2-Methylnaphthalene	Ave	0.7289	0.7121		48800	50000	-2.3	20.0
1-Methylnaphthalene	Ave	0.7281	0.7340		50400	50000	0.8	20.0
Hexachlorocyclopentadiene	LinF	0.2825	0.3648	0.0500	56500	50000	12.9	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6375	0.6313		49500	50000	-1.0	20.0
2-tertbutyl-4-methylphenol	Ave	0.5472	0.5441		49700	50000	-0.6	20.0
2,4,6-Trichlorophenol	Ave	0.3977	0.3856		48500	50000	-3.0	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVIS 460-86807/2 Calibration Date: 09/20/2011 23:48

Instrument ID: BNAMS4 Calib Start Date: 09/20/2011 13:28

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/20/2011 15:10

Lab File ID: u70281.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	0.4079	0.3982		48800	50000	-2.4	20.0
Diphenyl	Ave	1.456	1.442		49500	50000	-1.0	20.0
2-Chloronaphthalene	Ave	1.122	1.140		50800	50000	1.5	20.0
Diphenyl ether	Ave	0.7799	0.7957		51000	50000	2.0	20.0
2-Nitroaniline	Ave	0.4775	0.4383		45900	50000	-8.2	20.0
Dimethylnaphthalene, total	Ave	0.9526	0.9056		47500	50000	-4.9	20.0
Dimethyl phthalate	Ave	1.284	1.243		48400	50000	-3.1	20.0
Coumarin	Ave	0.2421	0.2080		43000	50000	-14.1	20.0
2,6-Dinitrotoluene	Ave	0.3052	0.2866		47000	50000	-6.1	20.0
Acenaphthylene	Ave	1.694	1.578		46600	50000	-6.8	20.0
3-Nitroaniline	Ave	0.3055	0.2867		46900	50000	-6.2	20.0
Acenaphthene	Ave	0.9918	0.9547		48100	50000	-3.7	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.8565	0.8389		49000	50000	-2.1	20.0
2,4-Dinitrophenol	QuaF	0.1297	0.1415	0.0500	51700	50000	3.5	20.0
Dibenzofuran	Ave	1.516	1.445		47700	50000	-4.7	20.0
4-Nitrophenol	Ave	0.2580	0.2687	0.0500	52100	50000	4.1	20.0
2,4-Dinitrotoluene	Ave	0.3720	0.3493		47000	50000	-6.1	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.3182	0.3140		49300	50000	-1.3	20.0
2-Naphthylamine	Ave	0.8628	0.8005		46400	50000	-7.2	20.0
Diethyl phthalate	Ave	1.272	1.173		46100	50000	-7.8	20.0
Fluorene	Ave	1.162	1.159		49900	50000	-0.3	20.0
4-Chlorophenyl phenyl ether	Ave	0.5616	0.5573		49600	50000	-0.8	20.0
4-Nitroaniline	Ave	0.2622	0.2271		43300	50000	-13.4	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1584	0.1758		55500	50000	11.0	20.0
N-Nitrosodiphenylamine	Ave	0.6509	0.6086		46800	50000	-6.5	20.0
1,2-Diphenylhydrazine	Ave	1.468	1.562		53200	50000	6.4	20.0
4-Bromophenyl phenyl ether	Ave	0.3294	0.3386		51400	50000	2.8	20.0
Hexachlorobenzene	Ave	0.3492	0.3836		54900	50000	9.9	20.0
Atrazine	Ave	0.2538	0.2470		48700	50000	-2.7	20.0
Pentachlorophenol	Ave	0.1767	0.1820		51500	50000	3.0	20.0
n-Octadecane	Ave	0.7997	0.8206		51300	50000	2.6	20.0
Phenanthrene	Ave	1.040	1.084		52100	50000	4.3	20.0
Anthracene	Ave	1.108	1.093		49300	50000	-1.3	20.0
Carbazole	Ave	1.016	0.9911		48800	50000	-2.5	20.0
Di-n-butyl phthalate	Ave	1.575	1.624		51600	50000	3.1	20.0
Fluoranthene	Ave	1.180	1.086		46000	50000	-8.0	20.0
Benzidine	Ave	0.1621	0.0721		22200	50000	-55.5*	20.0
Pyrene	Ave	1.748	1.912		54700	50000	9.4	20.0
Butyl benzyl phthalate	Ave	0.8776	0.9385		53500	50000	6.9	20.0
2,3,7,8-TCDD (Screen)	Ave	0.1848	0.1076		291	500	-41.8*	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVIS 460-86807/2 Calibration Date: 09/20/2011 23:48

Instrument ID: BNAMS4 Calib Start Date: 09/20/2011 13:28

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/20/2011 15:10

Lab File ID: u70281.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbamazepine	Ave	0.3701	0.4058		54800	50000	9.7	20.0
3,3'-Dichlorobenzidine	Ave	0.3832	0.3855		50300	50000	0.6	20.0
Benzo[a]anthracene	Ave	1.138	1.156		50800	50000	1.6	20.0
Chrysene	Ave	1.010	1.009		49900	50000	-0.1	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.9169	0.9177		50000	50000	0.0	20.0
Di-n-octyl phthalate	Ave	2.342	2.167		46300	50000	-7.5	20.0
Benzo[b]fluoranthene	Ave	1.385	1.431		51600	50000	3.3	20.0
Benzo[k]fluoranthene	Ave	1.339	1.310		48900	50000	-2.2	20.0
Benzo[a]pyrene	Ave	1.117	1.084		48500	50000	-2.9	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.007	1.117		55500	50000	11.0	20.0
Dibenz(a,h)anthracene	LinF	0.7821	0.8998		49500	50000	-0.9	20.0
Benzo[g,h,i]perylene	Ave	0.8741	0.9899		56600	50000	13.3	20.0
2-Fluorophenol	Ave	1.440	1.511		52500	50000	4.9	20.0
Phenol-d5	Ave	2.148	2.019		47000	50000	-6.0	20.0
Nitrobenzene-d5	Ave	0.6054	0.6282		51900	50000	3.8	20.0
2-Fluorobiphenyl	Ave	1.212	1.222		50400	50000	0.8	20.0
2,4,6-Tribromophenol	Ave	0.2253	0.2217		49200	50000	-1.6	20.0
Terphenyl-d14	Ave	1.316	1.408		53500	50000	7.0	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVIS 460-86811/2 Calibration Date: 09/21/2011 04:03

Instrument ID: BNAMS5 Calib Start Date: 09/12/2011 11:23

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/12/2011 14:45

Lab File ID: x17923.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5956	0.6033		50700	50000	1.3	20.0
N-Nitrosodimethylamine	Ave	0.7696	0.8102		52600	50000	5.3	20.0
Pyridine	Ave	1.420	1.391		49000	50000	-2.1	20.0
Benzaldehyde	Ave	0.4969	0.5211		52400	50000	4.9	20.0
Aniline	Ave	2.054	1.772		43100	50000	-13.7	20.0
Phenol	Ave	1.855	1.533		41300	50000	-17.3	20.0
Bis(2-chloroethyl)ether	Ave	1.407	1.310		46600	50000	-6.9	20.0
2-Chlorophenol	QuaF	1.473	1.383		47500	50000	-5.0	20.0
Decane	QuaF	1.679	1.283		44100	50000	-11.8	20.0
1,3-Dichlorobenzene	Ave	1.733	1.641		47300	50000	-5.3	20.0
1,4-Dichlorobenzene	Ave	1.682	1.593		47400	50000	-5.3	20.0
Benzyl alcohol	Ave	0.8565	0.6684		39000	50000	-22.0*	20.0
1,2-Dichlorobenzene	Ave	1.580	1.456		46100	50000	-7.9	20.0
2,2'-oxybis[1-chloropropane]	QuaF	1.904	1.512		42900	50000	-14.2	20.0
2-Methylphenol	QuaF	1.200	1.080		46200	50000	-7.7	20.0
o-Toluidine	Ave	1.568	1.526		48700	50000	-2.7	20.0
Acetophenone	Ave	1.794	1.698		47300	50000	-5.3	20.0
N-Nitrosodi-n-propylamine	Ave	0.9354	0.8114	0.0500	43400	50000	-13.3	20.0
3 & 4 Methylphenol	Ave	1.409	1.169		41500	50000	-17.0	20.0
4-Methylphenol	Ave	1.402	1.114		39700	50000	-20.5*	20.0
Hexachloroethane	Ave	0.6740	0.6100		45200	50000	-9.5	20.0
n,n'-Dimethylaniline	Ave	1.953	1.824		46700	50000	-6.6	20.0
Nitrobenzene	Ave	0.5368	0.4656		43400	50000	-13.3	20.0
Isophorone	Ave	0.6522	0.6224		47700	50000	-4.6	20.0
2-Nitrophenol	Ave	0.2121	0.2091		49300	50000	-1.4	20.0
2,4-Dimethylphenol	QuaF	0.3306	0.3238		51800	50000	3.7	20.0
Bis(2-chloroethoxy)methane	Ave	0.3956	0.3767		47600	50000	-4.8	20.0
Benzoic acid	Ave	0.1801	0.2106		58500	50000	16.9	20.0
2,4-Dichlorophenol	QuaF	0.2921	0.2905		53300	50000	6.6	20.0
1,2,4-Trichlorobenzene	Ave	0.3319	0.3183		48000	50000	-4.1	20.0
Naphthalene	Ave	1.098	1.027		46700	50000	-6.5	20.0
4-Chloroaniline	Ave	0.3999	0.3739		46800	50000	-6.5	20.0
Hexachlorobutadiene	Ave	0.2085	0.1914		45900	50000	-8.2	20.0
Caprolactam	Ave	0.0891	0.0925		51900	50000	3.8	20.0
4-Chloro-3-methylphenol	Ave	0.2870	0.2774		48300	50000	-3.3	20.0
2-Methylnaphthalene	Ave	0.6720	0.6345		47200	50000	-5.6	20.0
1-Methylnaphthalene	Ave	0.6743	0.6407		47500	50000	-5.0	20.0
Hexachlorocyclopentadiene	Ave	0.3347	0.2934	0.0500	43800	50000	-12.3	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.5894	0.5161		43800	50000	-12.4	20.0
2-tertbutyl-4-methylphenol	Ave	0.4542	0.4073		44800	50000	-10.3	20.0
2,4,6-Trichlorophenol	Ave	0.3928	0.3622		46100	50000	-7.8	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVIS 460-86811/2 Calibration Date: 09/21/2011 04:03

Instrument ID: BNAMS5 Calib Start Date: 09/12/2011 11:23

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/12/2011 14:45

Lab File ID: x17923.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	0.4050	0.3554		43900	50000	-12.2	20.0
Diphenyl	Ave	1.597	1.374		43000	50000	-13.9	20.0
2-Chloronaphthalene	Ave	1.198	1.078		45000	50000	-10.0	20.0
Diphenyl ether	Ave	0.8644	0.7993		46200	50000	-7.5	20.0
2-Nitroaniline	Ave	0.4362	0.3687		42300	50000	-15.5	20.0
Dimethylnaphthalene, total	Ave	1.027	0.9321		45400	50000	-9.2	20.0
Dimethyl phthalate	Ave	1.209	1.163		48100	50000	-3.8	20.0
Coumarin	Ave	0.1913	0.2018		52700	50000	5.5	20.0
2,6-Dinitrotoluene	Ave	0.2847	0.2993		52600	50000	5.1	20.0
Acenaphthylene	Ave	1.896	1.804		47600	50000	-4.8	20.0
3-Nitroaniline	Ave	0.3067	0.3296		53700	50000	7.5	20.0
Acenaphthene	Ave	1.059	0.9553		45100	50000	-9.8	20.0
3,5-di-tert-butyl-4-hydroxytol	LinF	1.066	0.9157		50800	50000	1.7	20.0
2,4-Dinitrophenol	Ave	0.1469	0.1838	0.0500	62600	50000	25.1*	20.0
4-Nitrophenol	Ave	0.2230	0.2125	0.0500	47600	50000	-4.7	20.0
Dibenzofuran	Ave	1.552	1.450		46700	50000	-6.6	20.0
2,4-Dinitrotoluene	Ave	0.3334	0.3530		52900	50000	5.8	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2874	0.3024		52600	50000	5.2	20.0
2-Naphthylamine	Ave	1.038	0.9578		46200	50000	-7.7	20.0
Diethyl phthalate	Ave	1.181	1.189		50300	50000	0.7	20.0
Fluorene	Ave	1.196	1.110		46400	50000	-7.2	20.0
4-Chlorophenyl phenyl ether	LinF	0.5694	0.5101		52100	50000	4.3	20.0
4-Nitroaniline	Ave	0.2688	0.2854		53100	50000	6.2	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1441	0.1588		55100	50000	10.2	20.0
N-Nitrosodiphenylamine	Ave	0.6332	0.6012		47500	50000	-5.1	20.0
1,2-Diphenylhydrazine	Ave	1.098	0.9537		43400	50000	-13.1	20.0
4-Bromophenyl phenyl ether	Ave	0.2551	0.2444		47900	50000	-4.2	20.0
Hexachlorobenzene	Ave	0.3089	0.2999		48500	50000	-2.9	20.0
Atrazine	Ave	0.2227	0.2124		47700	50000	-4.6	20.0
Pentachlorophenol	Ave	0.1559	0.1661		53300	50000	6.6	20.0
n-Octadecane	Ave	0.6786	0.4920		36300	50000	-27.5*	20.0
Phenanthrene	Ave	1.159	1.090		47000	50000	-6.0	20.0
Anthracene	Ave	1.176	1.114		47400	50000	-5.3	20.0
Carbazole	Ave	0.9833	0.9665		49100	50000	-1.7	20.0
Di-n-butyl phthalate	Ave	1.269	1.231		48500	50000	-3.0	20.0
Fluoranthene	Ave	1.028	0.999		48600	50000	-2.8	20.0
Benzidine	Ave	0.2367	0.1044		22000	50000	-55.9*	20.0
Pyrene	Ave	1.664	1.684		50600	50000	1.2	20.0
Butyl benzyl phthalate	Ave	0.7145	0.7257		50800	50000	1.6	20.0
2,3,7,8-TCDD (Screen)	Ave	0.2389	0.2454		514	500	2.7	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVIS 460-86811/2 Calibration Date: 09/21/2011 04:03

Instrument ID: BNAMS5 Calib Start Date: 09/12/2011 11:23

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/12/2011 14:45

Lab File ID: x17923.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbamazepine	Ave	0.4995	0.5199		52000	50000	4.1	20.0
3,3'-Dichlorobenzidine	Ave	0.4123	0.4167		50500	50000	1.1	20.0
Benzo[a]anthracene	LinF	1.287	1.202		51800	50000	3.6	20.0
Chrysene	Ave	1.165	1.208		51800	50000	3.7	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.9352	0.9625		51500	50000	2.9	20.0
Di-n-octyl phthalate	Ave	1.611	1.778		55200	50000	10.4	20.0
Benzo[b]fluoranthene	Ave	1.284	1.232		48000	50000	-4.0	20.0
Benzo[k]fluoranthene	Ave	1.303	1.433		55000	50000	10.0	20.0
Benzo[a]pyrene	Ave	1.038	1.020		49100	50000	-1.8	20.0
Indeno[1,2,3-cd]pyrene	Ave	0.9367	0.7832		41800	50000	-16.4	20.0
Dibenz(a,h)anthracene	Ave	0.9183	0.8170		44500	50000	-11.0	20.0
Benzo[g,h,i]perylene	Ave	0.9046	0.7835		43300	50000	-13.4	20.0
2-Fluorophenol	Ave	1.379	1.319		47800	50000	-4.3	20.0
Phenol-d5	QuaF	1.590	1.439		46100	50000	-7.8	20.0
Nitrobenzene-d5	Ave	0.4115	0.3817		46400	50000	-7.3	20.0
2-Fluorobiphenyl	Ave	1.443	1.314		45500	50000	-8.9	20.0
2,4,6-Tribromophenol	Ave	0.2115	0.2190		51800	50000	3.5	20.0
Terphenyl-d14	Ave	1.200	1.217		50700	50000	1.4	20.0

Data File: /chem/BNAMS10.i/8270/09-17-11/17sep11.b/p19344.d
Report Date: 17-Sep-2011 07:03

TestAmerica

Data file : /chem/BNAMS10.i/8270/09-17-11/17sep11.b/p19344.d
Lab Smp Id: DFTPP-937638
Inj Date : 17-SEP-2011 01:38
Operator : BNAMS3 Inst ID: BNAMS10.i
Smp Info : DFTPP-937638
Misc Info : 25 ppm BNA4557
Comment :
Method : /chem/BNAMS10.i/8270/09-17-11/17sep11.b/BNADFTPP.m
Meth Date : 07-Sep-2011 13:58 czhao 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

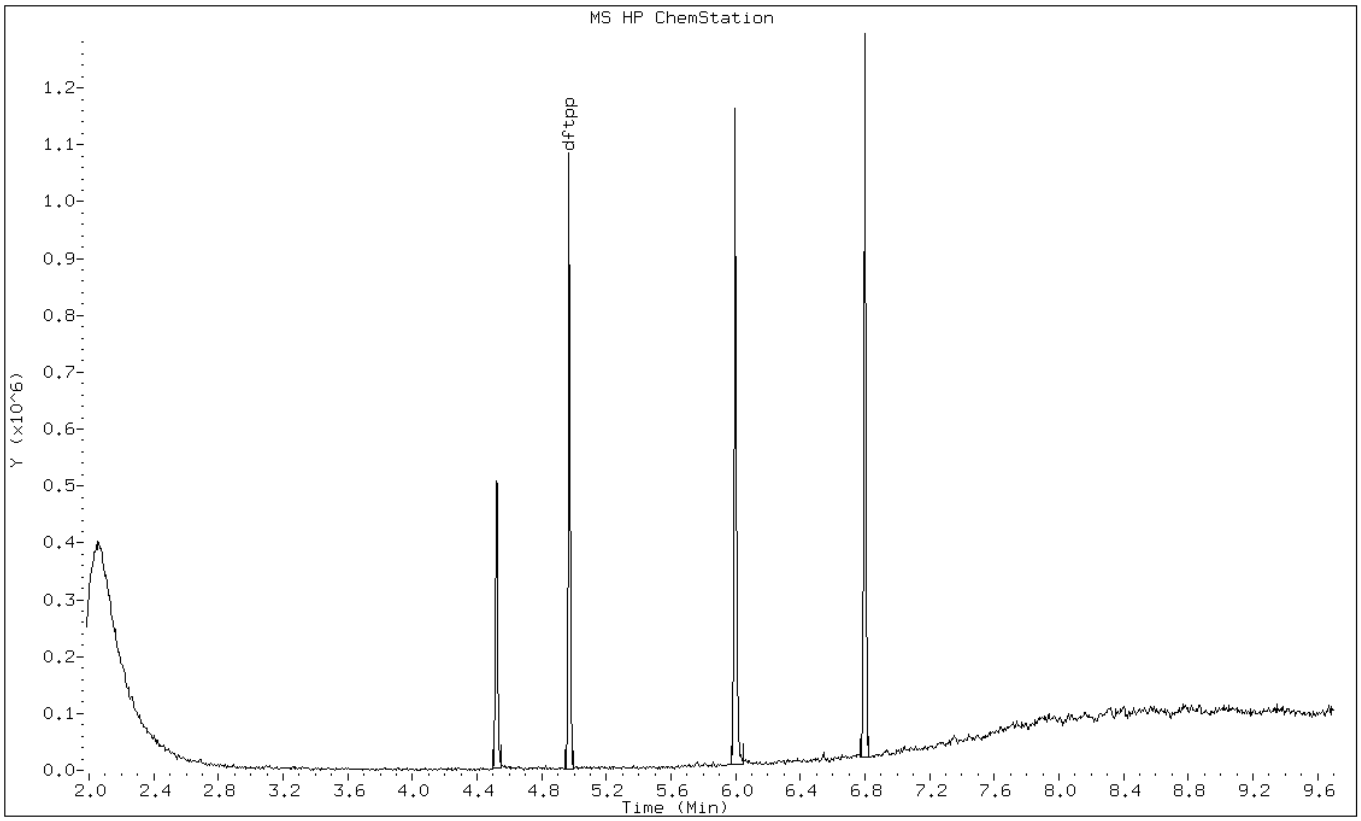
					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
4.970	5.230	-0.260	198	65142			0.00- 100.00	100.00
4.970	5.230	-0.260	51	26570			30.00- 60.00	40.79
4.970	5.230	-0.260	68	246			0.00- 2.00	0.76
4.970	5.230	-0.260	69	32496			0.00- 0.00	49.88
4.970	5.230	-0.260	70	295			0.00- 2.00	0.91
4.970	5.230	-0.260	127	33284			40.00- 60.00	51.09
4.970	5.230	-0.260	197	0			0.00- 1.00	0.00
4.970	5.230	-0.260	199	4664			5.00- 9.00	7.16
4.970	5.230	-0.260	275	16274			10.00- 30.00	24.98
4.970	5.230	-0.260	365	2704			1.00- 0.00	4.15
4.970	5.230	-0.260	441	4910			0.01- 100.00	76.92
4.970	5.230	-0.260	442	35902			40.00- 110.00	55.11
4.970	5.230	-0.260	443	6383			17.00- 23.00	17.78

Data File: p19344.d

Date: 17-SEP-2011 01:38

Client ID: Instrument: BNAMS10.i

Sample Info: DFTPP-937638 Operator: BNAMS3



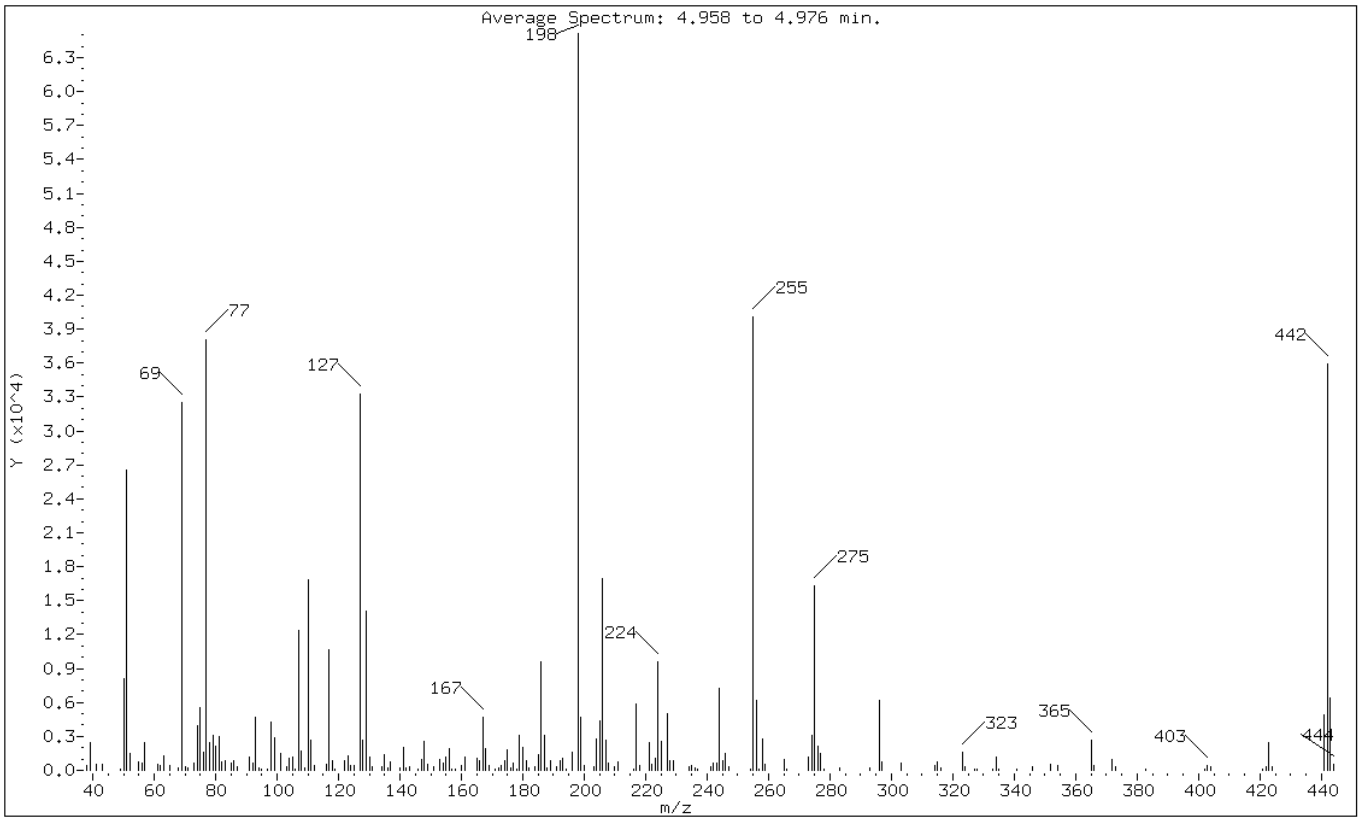
Data File: p19344.d

Date: 17-SEP-2011 01:38

Client ID: Instrument: BNAMS10.i

Sample Info: DFTPP-937638 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	40.79
68	Less than 2.00% of mass 69	0.38 (0.76)
69	Mass 69 relative abundance	49.88
70	Less than 2.00% of mass 69	0.45 (0.91)
127	40.00 - 60.00% of mass 198	51.09
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	7.16
275	10.00 - 30.00% of mass 198	24.98
365	Greater than 1.00% of mass 198	4.15
441	0.01 - 100.00% of mass 443	7.54 (76.92)
442	40.00 - 110.00% of mass 198	55.11
443	17.00 - 23.00% of mass 442	9.80 (17.78)

Data File: p19344.d

Date: 17-SEP-2011 01:38

Client ID: Instrument: BNAMS10.i

Sample Info: DFTPP-937638 Operator: BNAMS3

Data File: /chem/BNAMS10.i/8270/09-17-11/17sep11.b/p19344.d
Spectrum: Average Spectrum: 4.958 to 4.976 min.
Location of Maximum: 198.00
Number of points: 196

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	431	111.00	2696	180.00	1997	257.00	155
39.00	2414	112.00	416	181.00	903	258.00	2822
41.00	574	116.00	539	182.00	180	259.00	480
43.00	483	117.00	10644	184.00	291	265.00	978
49.00	135	118.00	825	185.00	1400	266.00	142
50.00	8073	119.00	135	186.00	9635	273.00	1139
51.00	26568	122.00	856	187.00	3104	274.00	3100
52.00	1474	123.00	1318	188.00	234	275.00	16274
55.00	781	124.00	398	189.00	889	276.00	2114
56.00	674	125.00	437	191.00	359	277.00	1440
57.00	2414	127.00	33280	192.00	849	278.00	159
61.00	548	128.00	2685	193.00	1068	283.00	178
62.00	460	129.00	14100	194.00	151	293.00	162
63.00	1302	130.00	1192	196.00	1553	296.00	6205
65.00	442	131.00	366	198.00	65136	297.00	719
68.00	246	134.00	328	199.00	4664	303.00	648
69.00	32496	135.00	1378	200.00	448	314.00	403
70.00	295	136.00	238	203.00	291	315.00	759
71.00	174	137.00	729	204.00	2778	316.00	171
73.00	609	140.00	168	205.00	4381	323.00	1617
74.00	3966	141.00	1976	206.00	16976	324.00	311
75.00	5582	142.00	224	207.00	2672	327.00	135
76.00	1639	143.00	363	208.00	627	328.00	134
77.00	38096	146.00	153	210.00	297	333.00	153
78.00	2473	147.00	978	211.00	744	334.00	1157
79.00	3064	148.00	2606	216.00	134	335.00	128
80.00	2162	149.00	522	217.00	5823	341.00	131
81.00	2941	151.00	325	218.00	430	346.00	292
82.00	769	153.00	925	221.00	2452	352.00	549
83.00	864	154.00	625	222.00	571	354.00	457
85.00	688	155.00	1223	223.00	1072	365.00	2704
86.00	882	156.00	1935	224.00	9619	366.00	456
87.00	340	157.00	144	225.00	2604	372.00	932
91.00	1205	158.00	134	227.00	5040	373.00	312
92.00	691	160.00	388	228.00	826	383.00	129
93.00	4646	161.00	1208	229.00	893	402.00	154
94.00	237	165.00	1067	234.00	328	403.00	376
95.00	148	166.00	897	235.00	391	404.00	271
97.00	158	167.00	4690	236.00	186	421.00	155
98.00	4302	168.00	1882	237.00	132	422.00	290

99.00	2860	169.00	374	241.00	288	423.00	2487
101.00	1473	171.00	127	242.00	612	424.00	367
103.00	353	172.00	162	243.00	635	441.00	4910
104.00	1032	173.00	414	244.00	7300	442.00	35896
105.00	1217	174.00	853	245.00	853	443.00	6383
106.00	125	175.00	1781	246.00	1477	444.00	510
107.00	12365	176.00	205	247.00	339		
108.00	1751	177.00	674	254.00	127		
109.00	263	178.00	135	255.00	40064		
110.00	16816	179.00	3099	256.00	6174		

Data File: /chem/BNAMS10.i/8270/09-17-11/18sep11.b/p19372.d
Report Date: 18-Sep-2011 01:54

TestAmerica

Data file : /chem/BNAMS10.i/8270/09-17-11/18sep11.b/p19372.d
Lab Smp Id: DFTPP-937638
Inj Date : 18-SEP-2011 01:38
Operator : BNAMS3 Inst ID: BNAMS10.i
Smp Info : DFTPP-937638
Misc Info : 25 ppm BNA4557
Comment :
Method : /chem/BNAMS10.i/8270/09-17-11/18sep11.b/BNADFTPP.m
Meth Date : 07-Sep-2011 13:58 czhao 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

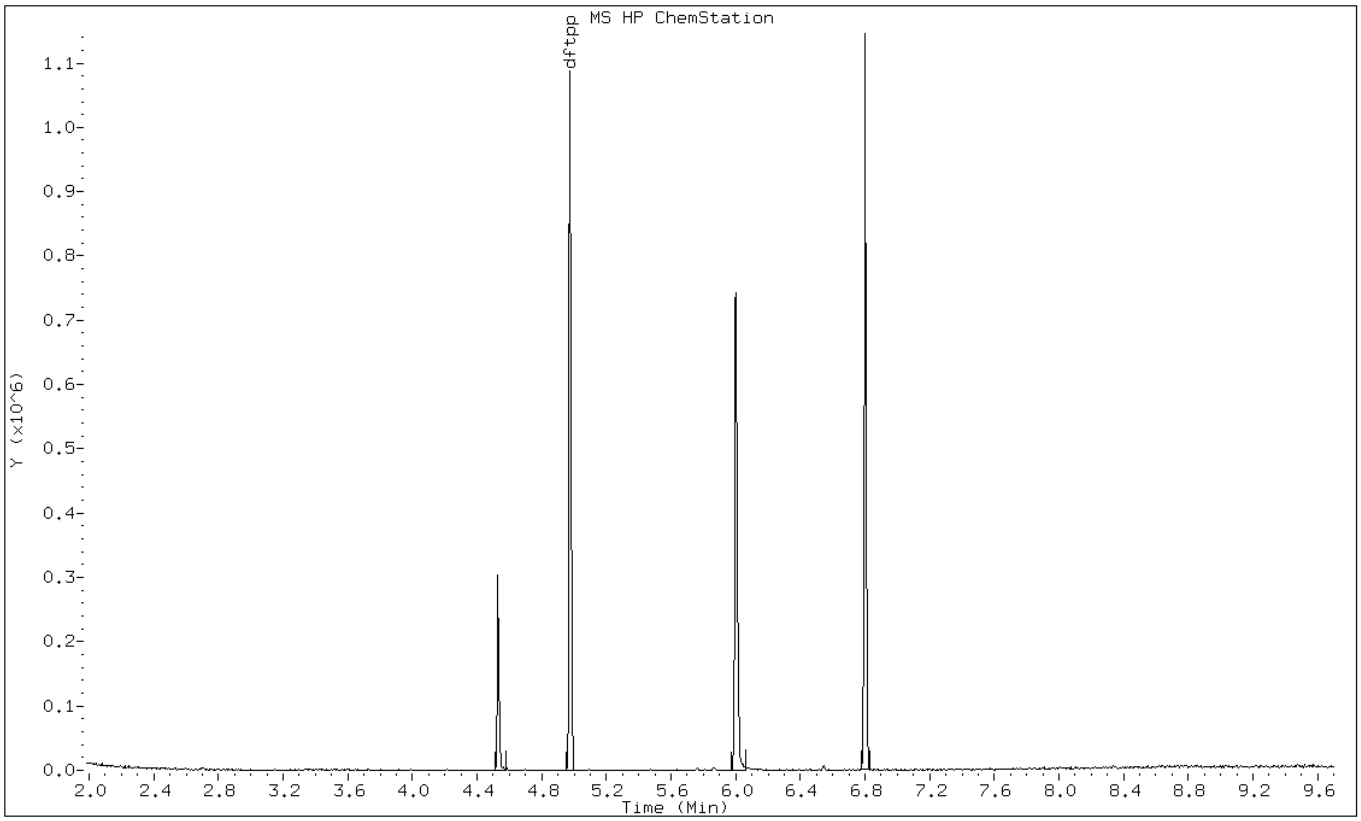
					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
4.976	5.230	-0.254	198	65013			0.00- 100.00	100.00
4.976	5.230	-0.254	51	24159			30.00- 60.00	37.16
4.976	5.230	-0.254	68	447			0.00- 2.00	1.49
4.976	5.230	-0.254	69	29927			0.00- 0.00	46.03
4.976	5.230	-0.254	70	0			0.00- 2.00	0.00
4.976	5.230	-0.254	127	32575			40.00- 60.00	50.11
4.976	5.230	-0.254	197	0			0.00- 1.00	0.00
4.976	5.230	-0.254	199	4691			5.00- 9.00	7.22
4.976	5.230	-0.254	275	16977			10.00- 30.00	26.11
4.976	5.230	-0.254	365	3082			1.00- 0.00	4.74
4.976	5.230	-0.254	441	6054			0.01- 100.00	67.06
4.976	5.230	-0.254	442	44482			40.00- 110.00	68.42
4.976	5.230	-0.254	443	9028			17.00- 23.00	20.30

Data File: p19372.d

Date: 18-SEP-2011 01:38

Client ID: Instrument: BNAMS10.i

Sample Info: DFTPP-937638 Operator: BNAMS3



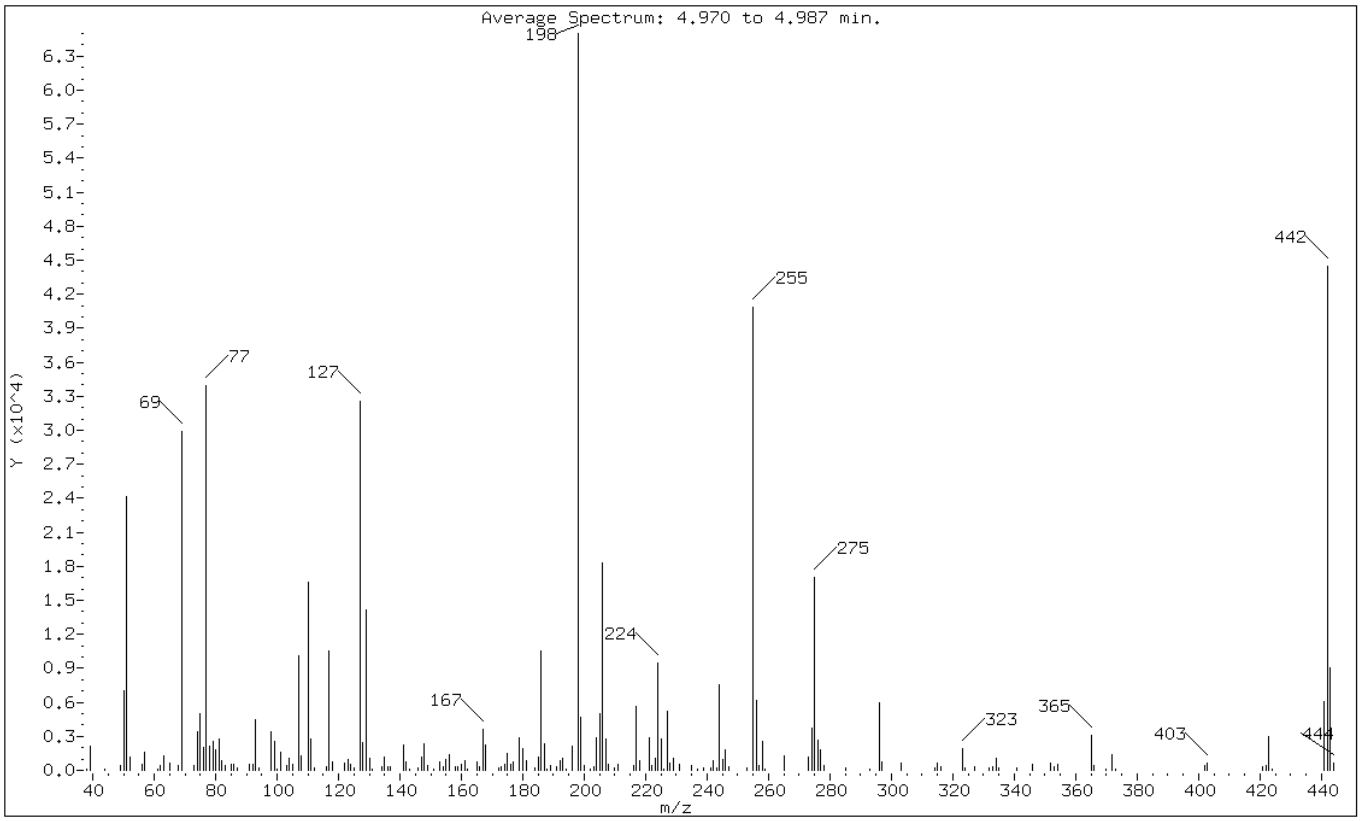
Data File: p19372.d

Date: 18-SEP-2011 01:38

Client ID: Instrument: BNAMS10.i

Sample Info: DFTPP-937638 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	0.69 (1.49)
69	Mass 69 relative abundance	46.03
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	50.11
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	7.22
275	10.00 - 30.00% of mass 198	26.11
365	Greater than 1.00% of mass 198	4.74
441	0.01 - 100.00% of mass 443	9.31 (67.06)
442	40.00 - 110.00% of mass 198	68.42
443	17.00 - 23.00% of mass 442	13.89 (20.30)

Data File: p19372.d

Date: 18-SEP-2011 01:38

Client ID: Instrument: BNAMS10.i

Sample Info: DFTPP-937638 Operator: BNAMS3

Data File: /chem/BNAMS10.i/8270/09-17-11/18sep11.b/p19372.d
Spectrum: Average Spectrum: 4.970 to 4.987 min.
Location of Maximum: 198.00
Number of points: 185

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	130	118.00	749	187.00	2377	258.00	2559
39.00	2168	122.00	673	188.00	126	259.00	158
44.00	141	123.00	960	189.00	433	265.00	1253
49.00	423	124.00	524	191.00	305	273.00	1218
50.00	6991	125.00	234	192.00	800	274.00	3681
51.00	24152	127.00	32568	193.00	1050	275.00	16976
52.00	1188	128.00	2414	194.00	137	276.00	2669
56.00	536	129.00	14192	196.00	2083	277.00	1841
57.00	1574	130.00	1082	198.00	65008	278.00	466
61.00	147	131.00	141	199.00	4691	285.00	161
62.00	445	134.00	309	200.00	412	293.00	158
63.00	1243	135.00	1151	202.00	136	296.00	5929
65.00	643	136.00	360	203.00	346	297.00	708
68.00	447	137.00	305	204.00	2923	303.00	646
69.00	29920	141.00	2202	205.00	5014	314.00	163
73.00	409	142.00	737	206.00	18280	315.00	637
74.00	3439	143.00	135	207.00	2734	316.00	347
75.00	4992	146.00	171	208.00	502	323.00	1941
76.00	2024	147.00	1138	210.00	220	324.00	192
77.00	33944	148.00	2313	211.00	535	327.00	322
78.00	2097	149.00	375	216.00	449	332.00	180
79.00	2527	151.00	146	217.00	5682	333.00	276
80.00	1843	153.00	699	218.00	801	334.00	1049
81.00	2722	154.00	306	221.00	2846	335.00	231
82.00	831	155.00	1008	222.00	464	341.00	166
83.00	471	156.00	1384	223.00	1064	346.00	562
85.00	538	158.00	276	224.00	9457	352.00	646
86.00	579	159.00	307	225.00	2812	353.00	344
87.00	201	160.00	556	226.00	125	354.00	573
91.00	539	161.00	804	227.00	5214	365.00	3082
92.00	528	162.00	132	228.00	648	366.00	457
93.00	4480	165.00	723	229.00	1031	370.00	134
94.00	201	166.00	356	231.00	524	372.00	1353
98.00	3369	167.00	3619	235.00	427	373.00	149
99.00	2517	168.00	2210	237.00	141	402.00	401
100.00	125	172.00	190	239.00	214	403.00	675
101.00	1583	173.00	279	241.00	172	421.00	348
103.00	388	174.00	538	242.00	810	422.00	412
104.00	1018	175.00	1539	243.00	197	423.00	2941
105.00	510	176.00	481	244.00	7526	424.00	138

107.00	10094	177.00	784	245.00	930	441.00	6054
108.00	1264	179.00	2847	246.00	1839	442.00	44480
110.00	16640	180.00	1953	247.00	291	443.00	9028
111.00	2741	181.00	887	253.00	167	444.00	599
112.00	195	184.00	217	255.00	40904		
116.00	358	185.00	1216	256.00	6170		
117.00	10533	186.00	10502	257.00	410		

Data File: /chem/BNAMS10.i/8270/09-17-11/20sep11.b/p19422.d
Report Date: 20-Sep-2011 10:05

TestAmerica

Data file : /chem/BNAMS10.i/8270/09-17-11/20sep11.b/p19422.d
Lab Smp Id: DFTPP-937638
Inj Date : 20-SEP-2011 09:55
Operator : BNAMS3 Inst ID: BNAMS10.i
Smp Info : DFTPP-937638
Misc Info : 25 ppm BNA4557
Comment :
Method : /chem/BNAMS10.i/8270/09-17-11/20sep11.b/BNADFTPP.m
Meth Date : 19-Sep-2011 11:52 monica 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

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
4.864	5.150	-0.286	198	67002			0.00- 100.00	100.00
4.864	5.150	-0.286	51	26136			30.00- 60.00	39.01
4.864	5.150	-0.286	68	188			0.00- 2.00	0.56
4.864	5.150	-0.286	69	33365			0.00- 0.00	49.80
4.864	5.150	-0.286	70	0			0.00- 2.00	0.00
4.864	5.150	-0.286	127	33479			40.00- 60.00	49.97
4.864	5.150	-0.286	197	232			0.00- 1.00	0.35
4.864	5.150	-0.286	199	4435			5.00- 9.00	6.62
4.864	5.150	-0.286	275	16779			10.00- 30.00	25.04
4.864	5.150	-0.286	365	3005			1.00- 0.00	4.48
4.864	5.150	-0.286	441	4607			0.01- 100.00	58.16
4.864	5.150	-0.286	442	36889			40.00- 110.00	55.06
4.864	5.150	-0.286	443	7921			17.00- 23.00	21.47

Data File: p19422.d

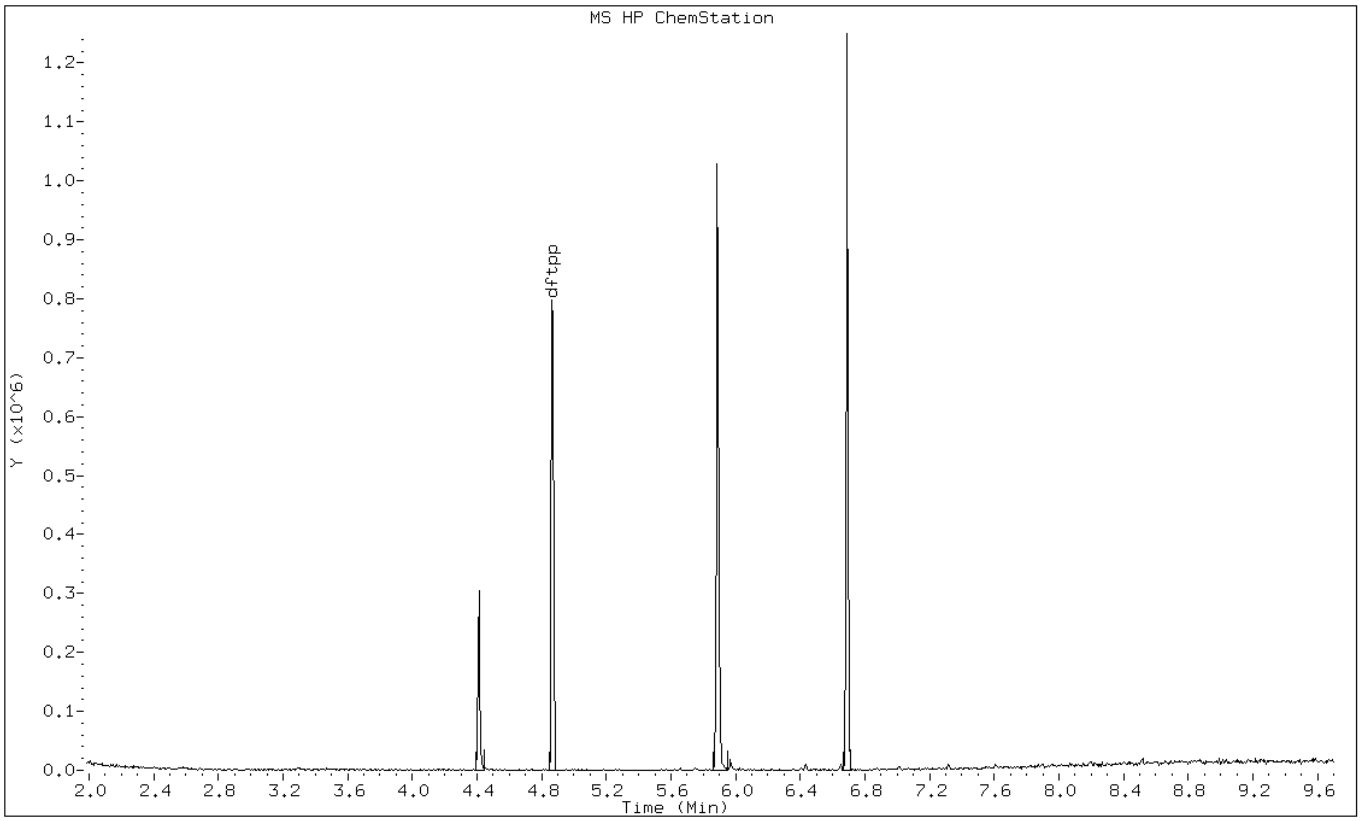
Date: 20-SEP-2011 09:55

Client ID:

Instrument: BNAMS10.i

Sample Info: DFTPP-937638

Operator: BNAMS3



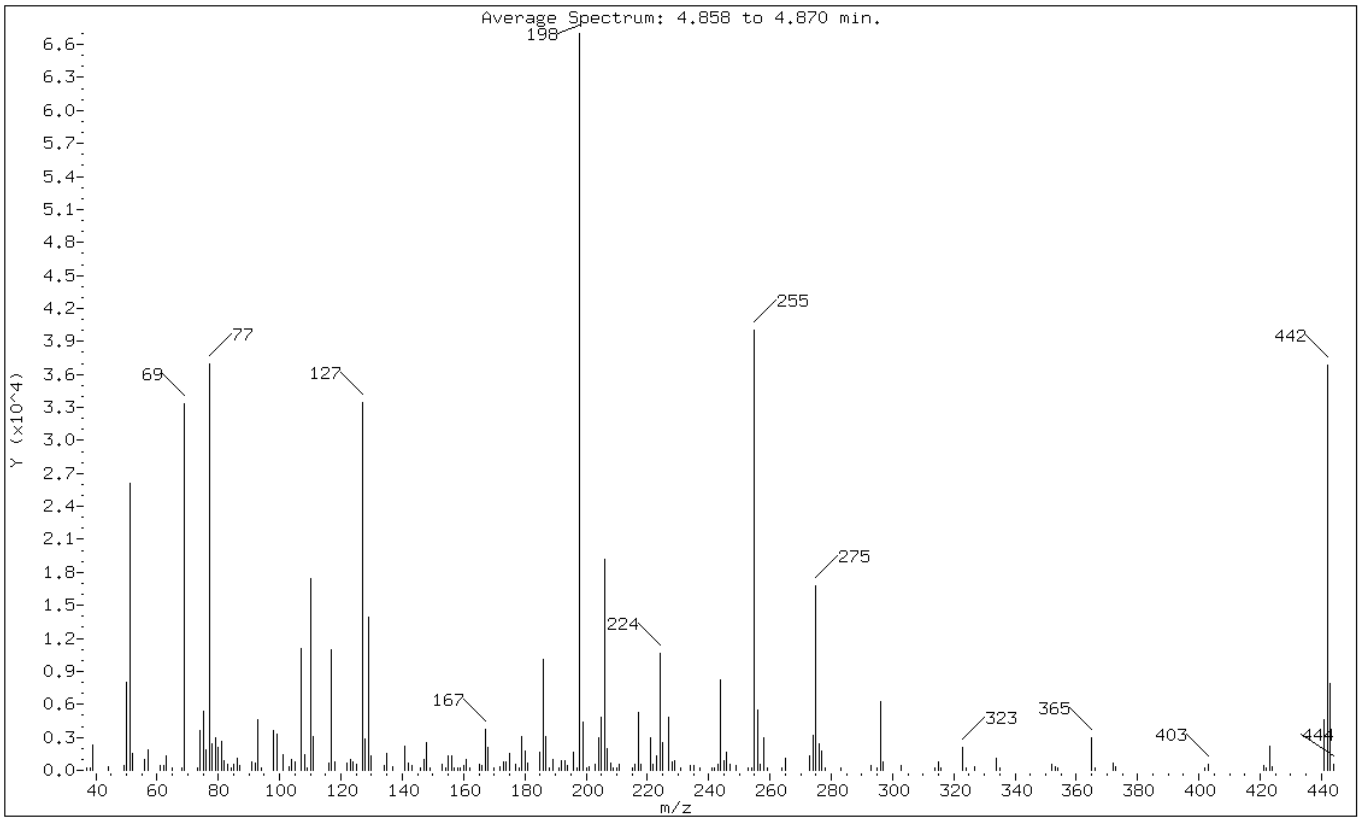
Data File: p19422.d

Date: 20-SEP-2011 09:55

Client ID: Instrument: BNAMS10.i

Sample Info: DFTPP-937638 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	39.01
68	Less than 2.00% of mass 69	0.28 (0.56)
69	Mass 69 relative abundance	49.80
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	49.97
197	Less than 1.00% of mass 198	0.35
199	5.00 - 9.00% of mass 198	6.62
275	10.00 - 30.00% of mass 198	25.04
365	Greater than 1.00% of mass 198	4.48
441	0.01 - 100.00% of mass 443	6.88 (58.16)
442	40.00 - 110.00% of mass 198	55.06
443	17.00 - 23.00% of mass 442	11.82 (21.47)

Data File: p19422.d

Date: 20-SEP-2011 09:55

Client ID: Instrument: BNAMS10.i

Sample Info: DFTPP-937638 Operator: BNAMS3

Data File: /chem/BNAMS10.i/8270/09-17-11/20sep11.b/p19422.d
Spectrum: Average Spectrum: 4.858 to 4.870 min.
Location of Maximum: 198.00
Number of points: 185

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	171	117.00	10939	188.00	226	255.00	40032
38.00	224	118.00	822	189.00	948	256.00	5521
39.00	2261	122.00	676	191.00	219	257.00	602
44.00	361	123.00	953	192.00	915	258.00	2921
49.00	493	124.00	785	193.00	901	259.00	234
50.00	7990	125.00	563	194.00	418	264.00	214
51.00	26136	127.00	33472	196.00	1651	265.00	1044
52.00	1529	128.00	2868	197.00	232	273.00	1342
56.00	1019	129.00	13885	198.00	67000	274.00	3154
57.00	1891	130.00	1300	199.00	4435	275.00	16776
61.00	413	134.00	386	200.00	171	276.00	2361
62.00	399	135.00	1520	201.00	278	277.00	1715
63.00	1332	137.00	288	203.00	590	278.00	191
65.00	217	141.00	2151	204.00	3015	283.00	221
68.00	188	142.00	655	205.00	4873	293.00	449
69.00	33360	143.00	446	206.00	19168	295.00	185
73.00	177	146.00	174	207.00	2014	296.00	6224
74.00	3569	147.00	945	208.00	656	297.00	760
75.00	5359	148.00	2554	209.00	222	303.00	406
76.00	1828	149.00	229	210.00	255	314.00	211
77.00	36960	153.00	532	211.00	542	315.00	796
78.00	2452	154.00	264	215.00	173	316.00	235
79.00	2944	155.00	1287	216.00	547	323.00	2088
80.00	2070	156.00	1355	217.00	5248	324.00	186
81.00	2683	157.00	173	218.00	537	327.00	356
82.00	836	158.00	167	221.00	2966	334.00	1071
83.00	522	159.00	167	222.00	578	335.00	259
84.00	227	160.00	398	223.00	1290	352.00	515
85.00	555	161.00	1008	224.00	10655	353.00	297
86.00	1090	162.00	209	225.00	2487	354.00	214
87.00	469	165.00	559	227.00	4877	365.00	3005
91.00	810	166.00	443	228.00	726	366.00	254
92.00	668	167.00	3783	229.00	867	372.00	670
93.00	4638	168.00	2064	231.00	175	373.00	349
94.00	210	170.00	255	234.00	391	402.00	231
98.00	3631	172.00	319	235.00	414	403.00	547
99.00	3263	173.00	725	237.00	192	421.00	469
101.00	1445	174.00	788	241.00	169	422.00	228
103.00	302	175.00	1554	242.00	256	423.00	2241
104.00	1010	177.00	566	243.00	577	424.00	316

105.00	723	178.00	167	244.00	8238	441.00	4607
107.00	11114	179.00	3093	245.00	926	442.00	36888
108.00	1473	180.00	1790	246.00	1698	443.00	7921
109.00	231	181.00	694	247.00	509	444.00	559
110.00	17400	185.00	1674	249.00	442		
111.00	3042	186.00	10101	253.00	187		
116.00	696	187.00	3111	254.00	181		

Data File: /chem/BNAMS11.i/8270/09-13-11/13sep11.b/z19784.d
Report Date: 13-Sep-2011 13:37

TestAmerica

Data file : /chem/BNAMS11.i/8270/09-13-11/13sep11.b/z19784.d
Lab Smp Id: DFTPP-937638
Inj Date : 13-SEP-2011 10:32
Operator : BNA2 Inst ID: BNAMS11.i
Smp Info : DFTPP-937638
Misc Info : 25 ppm dftpp bna 4557
Comment :
Method : /chem/BNAMS11.i/8270/09-13-11/13sep11.b/BNADFTPP.m
Meth Date : 06-Sep-2011 11:20 rusin 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 #:		
4.976	5.339	-0.363	198	33278			0.00- 100.00	100.00
4.976	5.339	-0.363	51	14351			30.00- 60.00	43.12
4.976	5.339	-0.363	68	196			0.00- 2.00	1.44
4.976	5.339	-0.363	69	13636			0.00- 0.00	40.98
4.976	5.339	-0.363	70	0			0.00- 2.00	0.00
4.976	5.339	-0.363	127	16795			40.00- 60.00	50.47
4.976	5.339	-0.363	197	0			0.00- 1.00	0.00
4.976	5.339	-0.363	199	2230			5.00- 9.00	6.70
4.976	5.339	-0.363	275	9450			10.00- 30.00	28.40
4.976	5.339	-0.363	365	1553			1.00- 0.00	4.67
4.976	5.339	-0.363	441	4352			0.01- 100.00	77.41
4.976	5.339	-0.363	442	29085			40.00- 110.00	87.40
4.976	5.339	-0.363	443	5622			17.00- 23.00	19.33

Data File: z19784.d

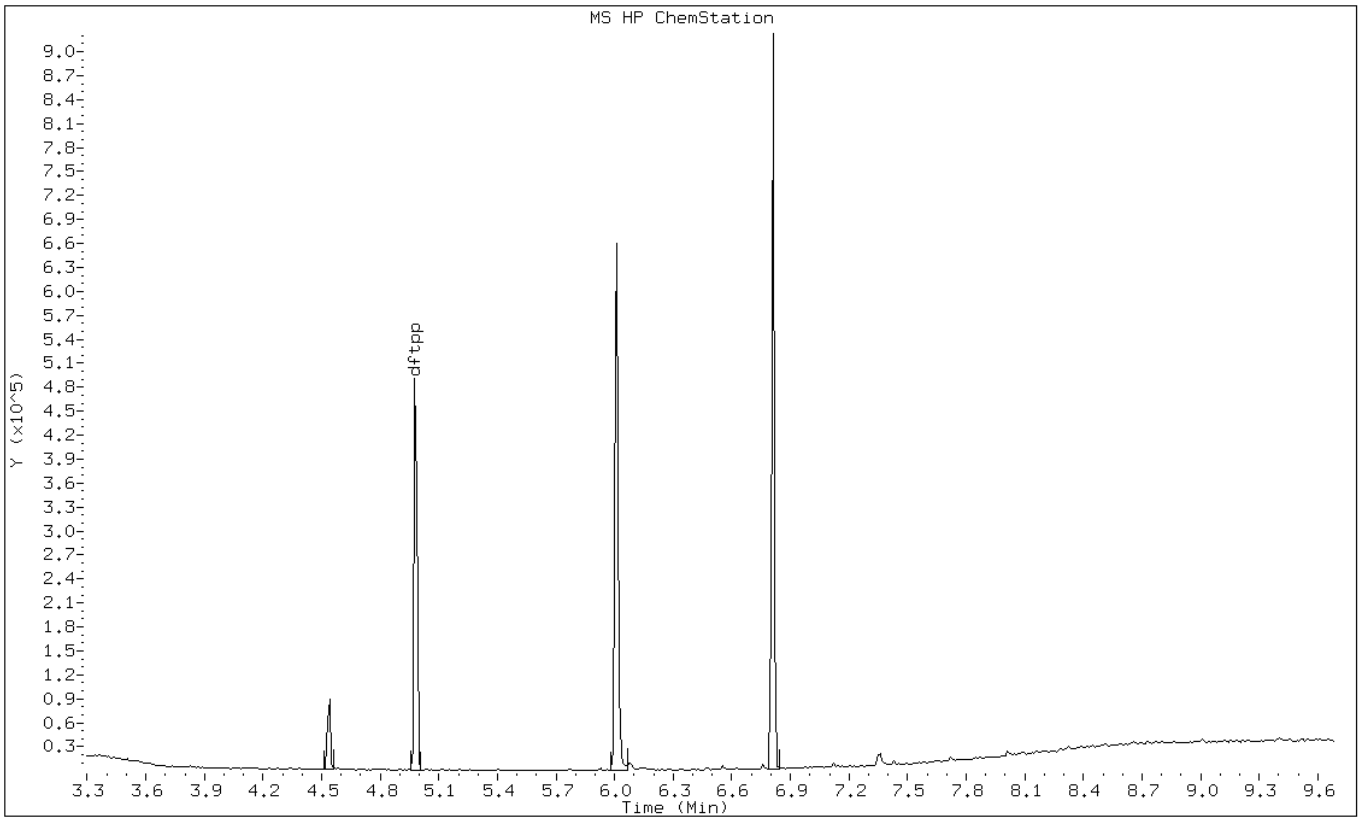
Date: 13-SEP-2011 10:32

Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-937638

Operator: BNA2



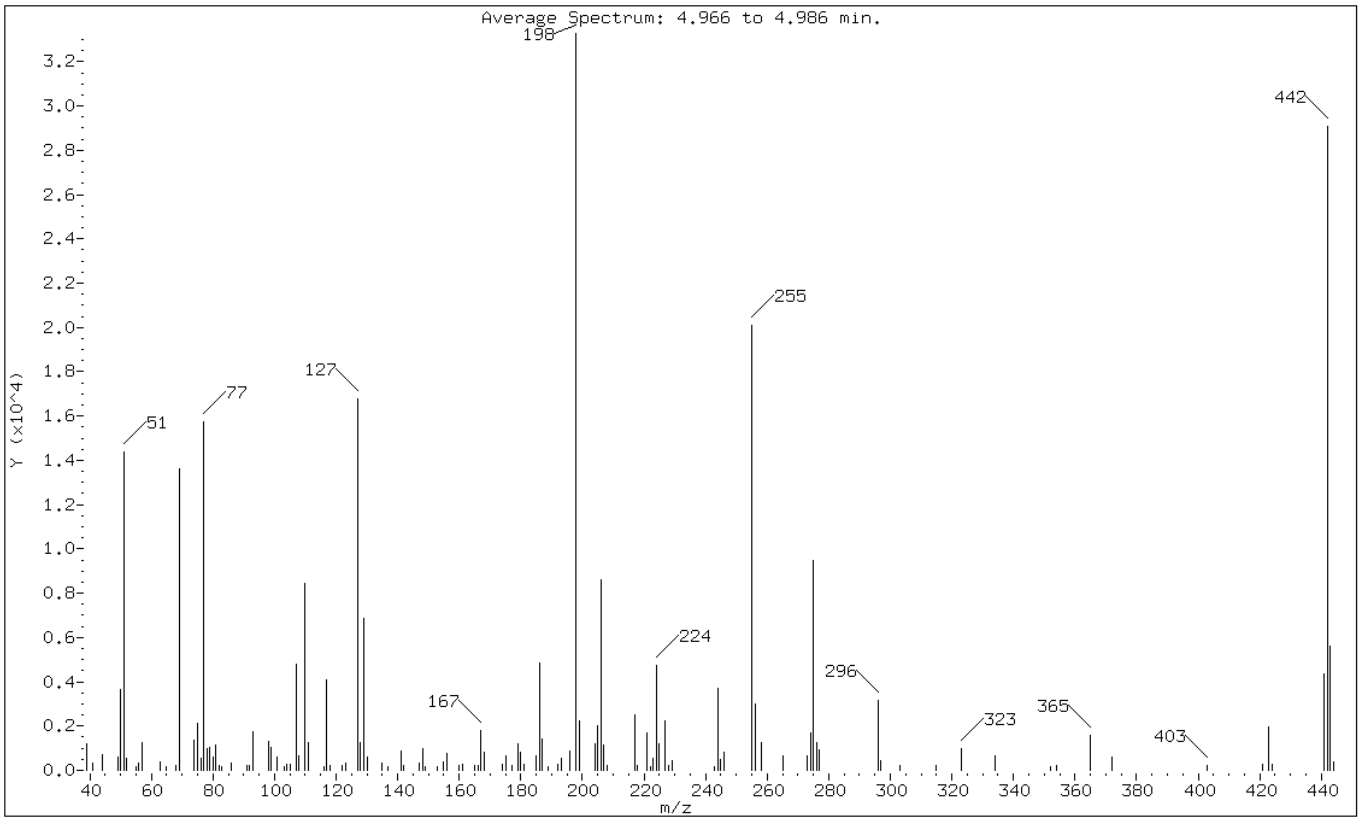
Data File: z19784.d

Date: 13-SEP-2011 10:32

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-937638 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	43.12
68	Less than 2.00% of mass 69	0.59 (1.44)
69	Mass 69 relative abundance	40.98
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	50.47
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.70
275	10.00 - 30.00% of mass 198	28.40
365	Greater than 1.00% of mass 198	4.67
441	0.01 - 100.00% of mass 443	13.08 (77.41)
442	40.00 - 110.00% of mass 198	87.40
443	17.00 - 23.00% of mass 442	16.89 (19.33)

Data File: z19784.d

Date: 13-SEP-2011 10:32

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-937638 Operator: BNA2

Data File: /chem/BNAMS11.i/8270/09-13-11/13sep11.b/z19784.d
Spectrum: Average Spectrum: 4.966 to 4.986 min.
Location of Maximum: 198.00
Number of points: 124

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	1195	104.00	276	175.00	659	246.00	826
41.00	348	105.00	261	177.00	194	255.00	20112
44.00	720	107.00	4817	179.00	1223	256.00	2990
49.00	599	108.00	677	180.00	816	258.00	1265
50.00	3663	110.00	8458	181.00	269	265.00	627
51.00	14351	111.00	1269	185.00	664	273.00	668
52.00	531	116.00	189	186.00	4823	274.00	1710
55.00	171	117.00	4094	187.00	1401	275.00	9450
56.00	334	118.00	228	189.00	186	276.00	1231
57.00	1270	122.00	229	192.00	265	277.00	912
63.00	382	123.00	335	193.00	523	296.00	3135
65.00	184	127.00	16792	196.00	878	297.00	454
68.00	196	128.00	1245	198.00	33272	303.00	214
69.00	13636	129.00	6856	199.00	2230	315.00	211
74.00	1352	130.00	583	204.00	1177	323.00	989
75.00	2127	135.00	353	205.00	2013	334.00	654
76.00	534	137.00	180	206.00	8605	352.00	185
77.00	15716	141.00	887	207.00	1163	354.00	242
78.00	987	142.00	217	208.00	219	365.00	1553
79.00	1044	147.00	316	217.00	2496	372.00	574
80.00	612	148.00	983	218.00	191	403.00	197
81.00	1141	149.00	167	221.00	1678	421.00	258
82.00	218	153.00	183	222.00	178	423.00	1983
83.00	186	155.00	354	223.00	555	424.00	282
86.00	301	156.00	740	224.00	4752	441.00	4352
91.00	213	160.00	192	225.00	1182	442.00	29080
92.00	203	161.00	299	227.00	2234	443.00	5622
93.00	1717	165.00	222	228.00	228	444.00	401
98.00	1306	166.00	195	229.00	424		
99.00	1023	167.00	1783	243.00	176		
101.00	618	168.00	836	244.00	3712		
103.00	169	174.00	247	245.00	498		

Data File: /chem/BNAMS11.i/8270/09-13-11/14sep11a.b/z19804.d
Report Date: 14-Sep-2011 02:38

TestAmerica

Data file : /chem/BNAMS11.i/8270/09-13-11/14sep11a.b/z19804.d
Lab Smp Id: DFTPP-937638
Inj Date : 14-SEP-2011 02:28
Operator : BNAMS3 Inst ID: BNAMS11.i
Smp Info : DFTPP-937638
Misc Info : 25 ppm dftpp bna 4557
Comment :
Method : /chem/BNAMS11.i/8270/09-13-11/14sep11a.b/BNADFTPP.m
Meth Date : 06-Sep-2011 11:20 rusin 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 #:		
4.966	5.339	-0.373	198	20559			0.00- 100.00	100.00
4.966	5.339	-0.373	51	8537			30.00- 60.00	41.52
4.966	5.339	-0.373	68	0			0.00- 2.00	0.00
4.966	5.339	-0.373	69	8648			0.00- 0.00	42.06
4.966	5.339	-0.373	70	0			0.00- 2.00	0.00
4.966	5.339	-0.373	127	10515			40.00- 60.00	51.15
4.966	5.339	-0.373	197	0			0.00- 1.00	0.00
4.966	5.339	-0.373	199	1385			5.00- 9.00	6.74
4.966	5.339	-0.373	275	6099			10.00- 30.00	29.67
4.966	5.339	-0.373	365	1010			1.00- 0.00	4.91
4.966	5.339	-0.373	441	2893			0.01- 100.00	84.34
4.966	5.339	-0.373	442	19523			40.00- 110.00	94.96
4.966	5.339	-0.373	443	3430			17.00- 23.00	17.57

Data File: z19804.d

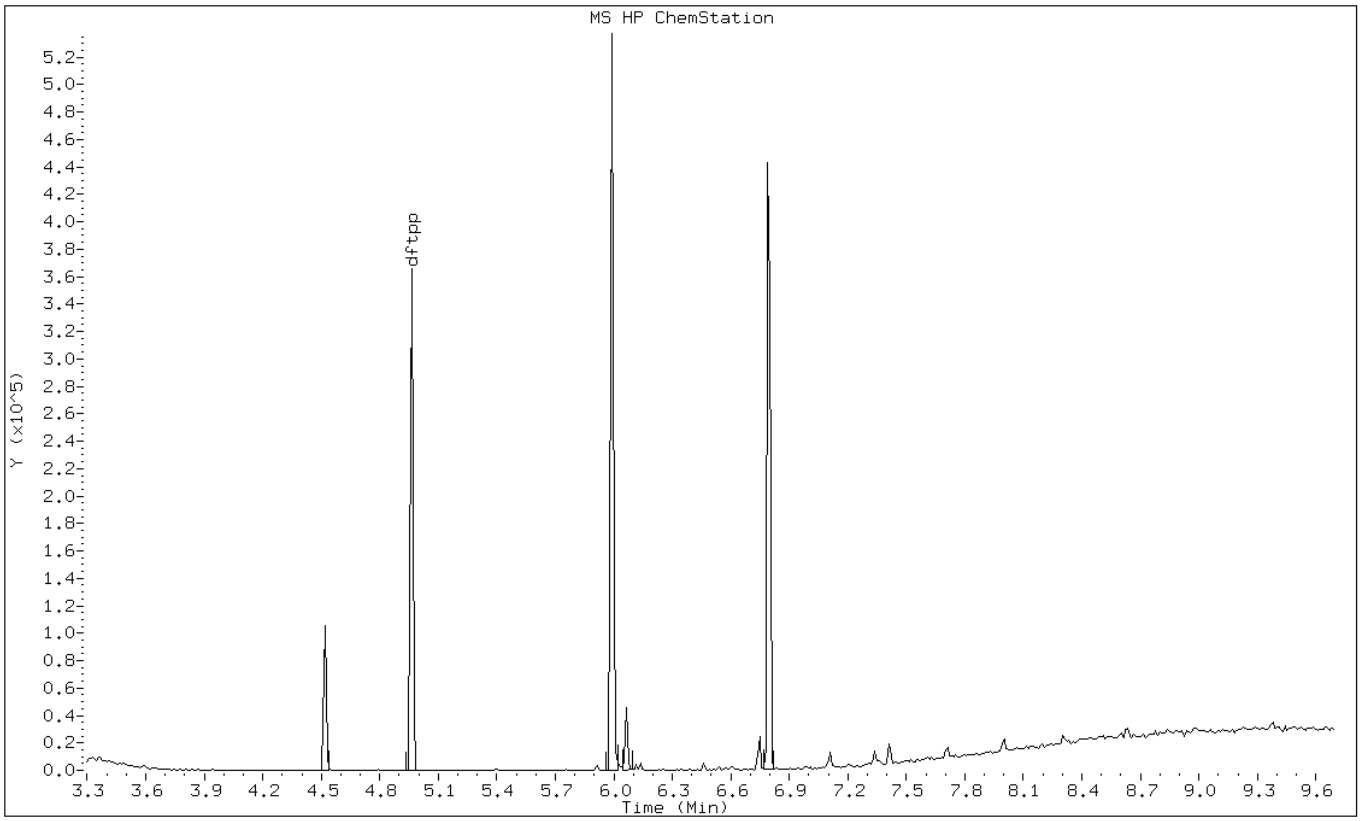
Date: 14-SEP-2011 02:28

Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-937638

Operator: BNAMS3



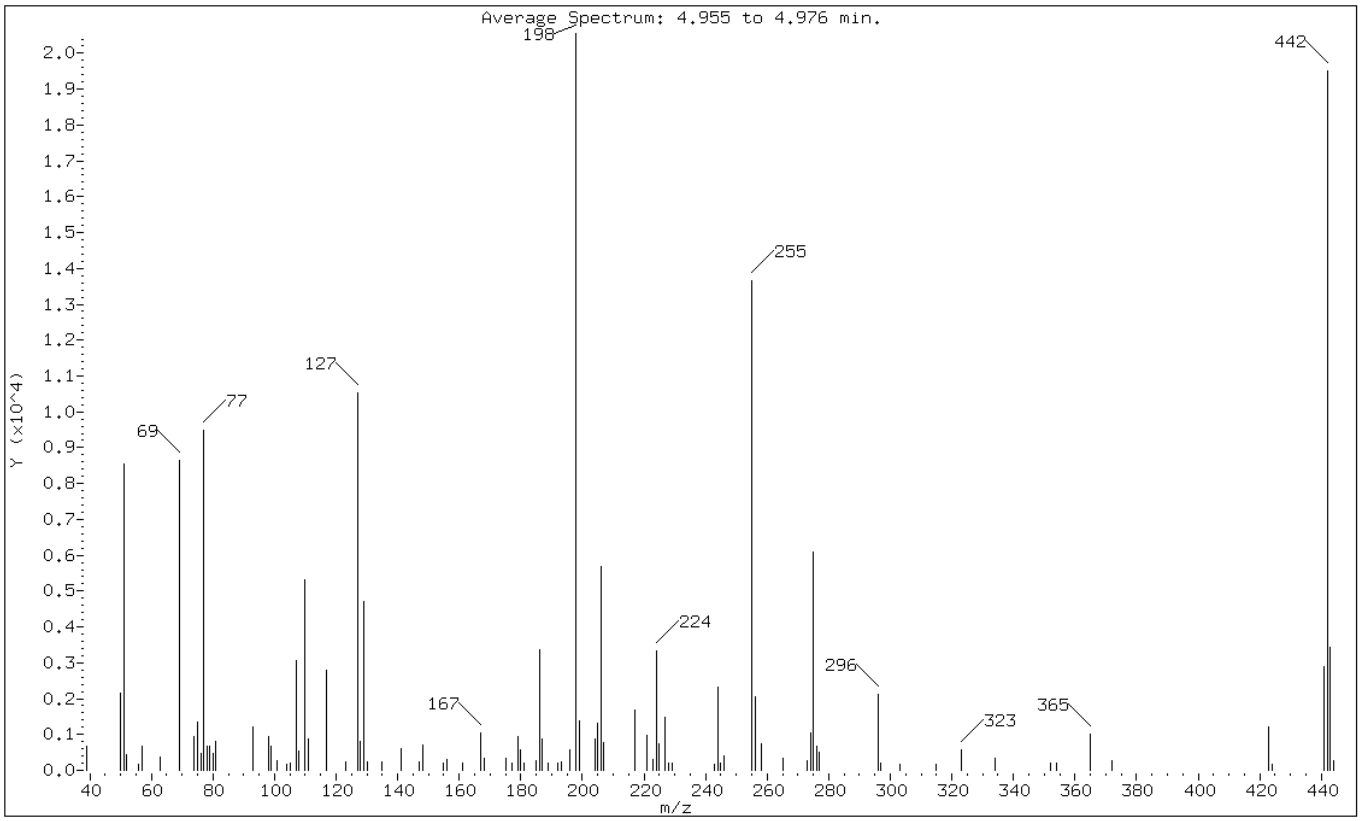
Data File: z19804.d

Date: 14-SEP-2011 02:28

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-937638 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	41.52
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	42.06
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	51.15
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.74
275	10.00 - 30.00% of mass 198	29.67
365	Greater than 1.00% of mass 198	4.91
441	0.01 - 100.00% of mass 443	14.07 (84.34)
442	40.00 - 110.00% of mass 198	94.96
443	17.00 - 23.00% of mass 442	16.68 (17.57)

Data File: z19804.d

Date: 14-SEP-2011 02:28

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-937638 Operator: BNAMS3

Data File: /chem/BNAMS11.i/8270/09-13-11/14sep11a.b/z19804.d
Spectrum: Average Spectrum: 4.955 to 4.976 min.
Location of Maximum: 198.00
Number of points: 96

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	684	111.00	858	192.00	196	273.00	274
50.00	2151	117.00	2788	193.00	251	274.00	1050
51.00	8537	123.00	222	196.00	582	275.00	6099
52.00	454	127.00	10515	198.00	20552	276.00	668
56.00	168	128.00	815	199.00	1385	277.00	497
57.00	673	129.00	4704	204.00	862	296.00	2121
63.00	370	130.00	236	205.00	1304	297.00	214
69.00	8648	135.00	250	206.00	5673	303.00	184
74.00	955	141.00	602	207.00	789	315.00	179
75.00	1356	147.00	251	217.00	1687	323.00	574
76.00	456	148.00	693	221.00	975	334.00	351
77.00	9479	155.00	214	223.00	286	352.00	198
78.00	675	156.00	316	224.00	3338	354.00	187
79.00	682	161.00	190	225.00	753	365.00	1010
80.00	486	167.00	1033	227.00	1477	372.00	269
81.00	818	168.00	349	228.00	186	423.00	1195
93.00	1202	175.00	329	229.00	206	424.00	171
98.00	933	177.00	190	243.00	178	441.00	2893
99.00	678	179.00	941	244.00	2313	442.00	19520
101.00	257	180.00	587	245.00	208	443.00	3430
104.00	178	181.00	194	246.00	414	444.00	257
105.00	202	185.00	285	255.00	13645		
107.00	3068	186.00	3370	256.00	2043		
108.00	532	187.00	870	258.00	741		
110.00	5330	189.00	189	265.00	332		

Data File: /chem/BNAMS11.i/8270/09-13-11/20sep11a.b/z10020.d
Report Date: 21-Sep-2011 00:06

TestAmerica

Data file : /chem/BNAMS11.i/8270/09-13-11/20sep11a.b/z10020.d
Lab Smp Id: DFTPP-937638
Inj Date : 20-SEP-2011 23:56
Operator : BNAMS3 Inst ID: BNAMS11.i
Smp Info : DFTPP-937638
Misc Info : 25 ppm dftpp bna 4557
Comment   :
Method   : /chem/BNAMS11.i/8270/09-13-11/20sep11a.b/BNADFTPP.m
Meth Date : 19-Sep-2011 11:19 monica 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 #:		
4.727	4.800	-0.073	198	32119			0.00- 100.00	100.00
4.727	4.800	-0.073	51	13777			30.00- 60.00	42.89
4.727	4.800	-0.073	68	202			0.00- 2.00	1.45
4.727	4.800	-0.073	69	13916			0.00- 0.00	43.33
4.727	4.800	-0.073	70	0			0.00- 2.00	0.00
4.727	4.800	-0.073	127	17348			40.00- 60.00	54.01
4.727	4.800	-0.073	197	0			0.00- 1.00	0.00
4.727	4.800	-0.073	199	1959			5.00- 9.00	6.10
4.727	4.800	-0.073	275	8775			10.00- 30.00	27.32
4.727	4.800	-0.073	365	1652			1.00- 0.00	5.14
4.727	4.800	-0.073	441	4345			0.01- 100.00	76.05
4.727	4.800	-0.073	442	29749			40.00- 110.00	92.62
4.727	4.800	-0.073	443	5713			17.00- 23.00	19.20

Data File: z10020.d

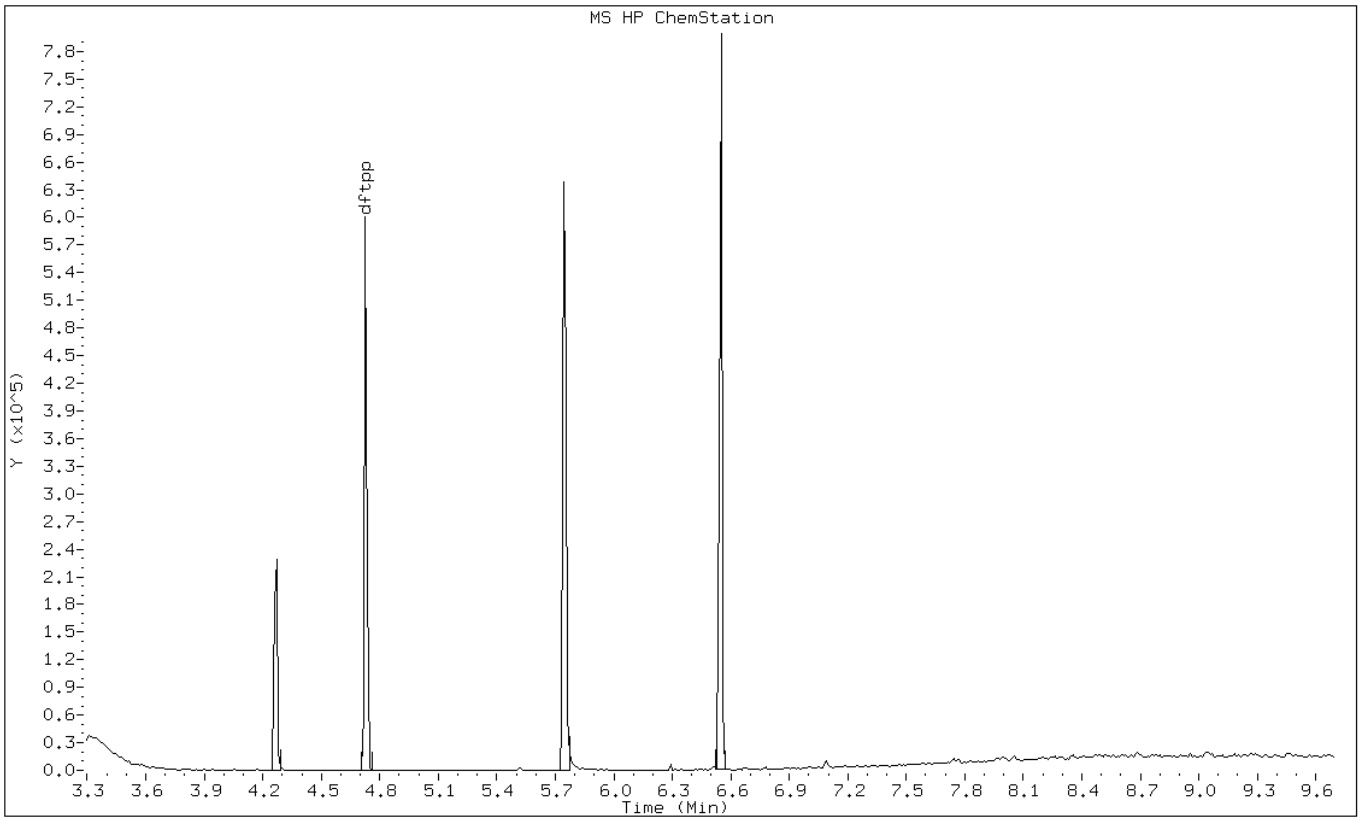
Date: 20-SEP-2011 23:56

Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-937638

Operator: BNAMS3



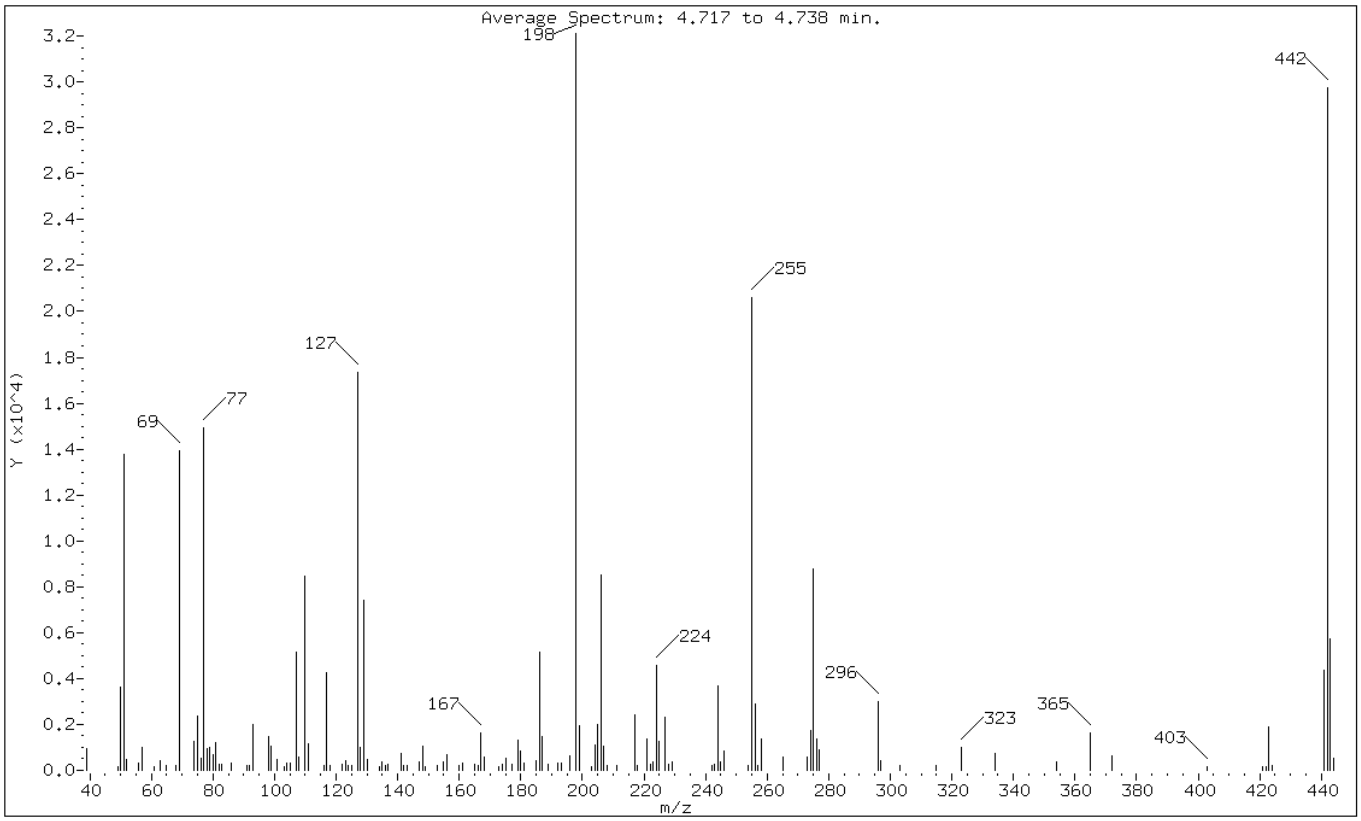
Data File: z10020.d

Date: 20-SEP-2011 23:56

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-937638 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	42.89
68	Less than 2.00% of mass 69	0.63 (1.45)
69	Mass 69 relative abundance	43.33
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	54.01
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.10
275	10.00 - 30.00% of mass 198	27.32
365	Greater than 1.00% of mass 198	5.14
441	0.01 - 100.00% of mass 443	13.53 (76.05)
442	40.00 - 110.00% of mass 198	92.62
443	17.00 - 23.00% of mass 442	17.79 (19.20)

Data File: z10020.d

Date: 20-SEP-2011 23:56

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-937638 Operator: BNAMS3

Data File: /chem/BNAMS11.i/8270/09-13-11/20sep11a.b/z10020.d
Spectrum: Average Spectrum: 4.717 to 4.738 min.
Location of Maximum: 198.00
Number of points: 133

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	928	110.00	8449	175.00	533	245.00	363
49.00	168	111.00	1171	177.00	269	246.00	847
50.00	3613	116.00	187	179.00	1289	254.00	196
51.00	13777	117.00	4266	180.00	867	255.00	20608
52.00	464	118.00	220	181.00	303	256.00	2893
56.00	339	122.00	257	185.00	417	257.00	189
57.00	1007	123.00	430	186.00	5156	258.00	1358
61.00	179	124.00	203	187.00	1447	265.00	579
63.00	416	125.00	211	189.00	272	273.00	575
65.00	196	127.00	17344	192.00	314	274.00	1710
68.00	202	128.00	994	193.00	301	275.00	8775
69.00	13916	129.00	7405	196.00	614	276.00	1361
74.00	1247	130.00	448	198.00	32112	277.00	885
75.00	2370	134.00	173	199.00	1959	296.00	2978
76.00	508	135.00	353	203.00	166	297.00	446
77.00	14939	136.00	189	204.00	1103	303.00	216
78.00	955	137.00	242	205.00	2000	315.00	221
79.00	988	141.00	719	206.00	8516	323.00	1018
80.00	666	142.00	218	207.00	1036	334.00	729
81.00	1196	143.00	187	208.00	233	354.00	392
82.00	258	147.00	385	211.00	220	365.00	1652
83.00	250	148.00	1026	217.00	2406	372.00	611
86.00	294	149.00	177	218.00	215	403.00	182
91.00	224	153.00	207	221.00	1371	421.00	183
92.00	234	155.00	392	222.00	282	422.00	178
93.00	2012	156.00	698	223.00	362	423.00	1906
98.00	1482	160.00	234	224.00	4593	424.00	216
99.00	1063	161.00	296	225.00	1237	441.00	4345
101.00	450	165.00	268	227.00	2314	442.00	29744
103.00	181	166.00	196	228.00	237	443.00	5713
104.00	308	167.00	1610	229.00	353	444.00	511
105.00	311	168.00	552	242.00	202		
107.00	5176	173.00	168	243.00	238		
108.00	579	174.00	269	244.00	3701		

Data File: /chem/BNAMS4.i/8270T/09-06-11/06sep11.b/u69905.d
Report Date: 06-Sep-2011 17:09

TestAmerica

Data file : /chem/BNAMS4.i/8270T/09-06-11/06sep11.b/u69905.d
Lab Smp Id: DFTPP-937638
Inj Date : 06-SEP-2011 15:26
Operator : BNA2 Inst ID: BNAMS4.i
Smp Info : DFTPP-937638
Misc Info : 25ng/uL DFTPP Lot 4557
Comment :
Method : /chem/BNAMS4.i/8270T/09-06-11/06sep11.b/BNADFTPP.m
Meth Date : 04-Aug-2011 09:38 czhao Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 96 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

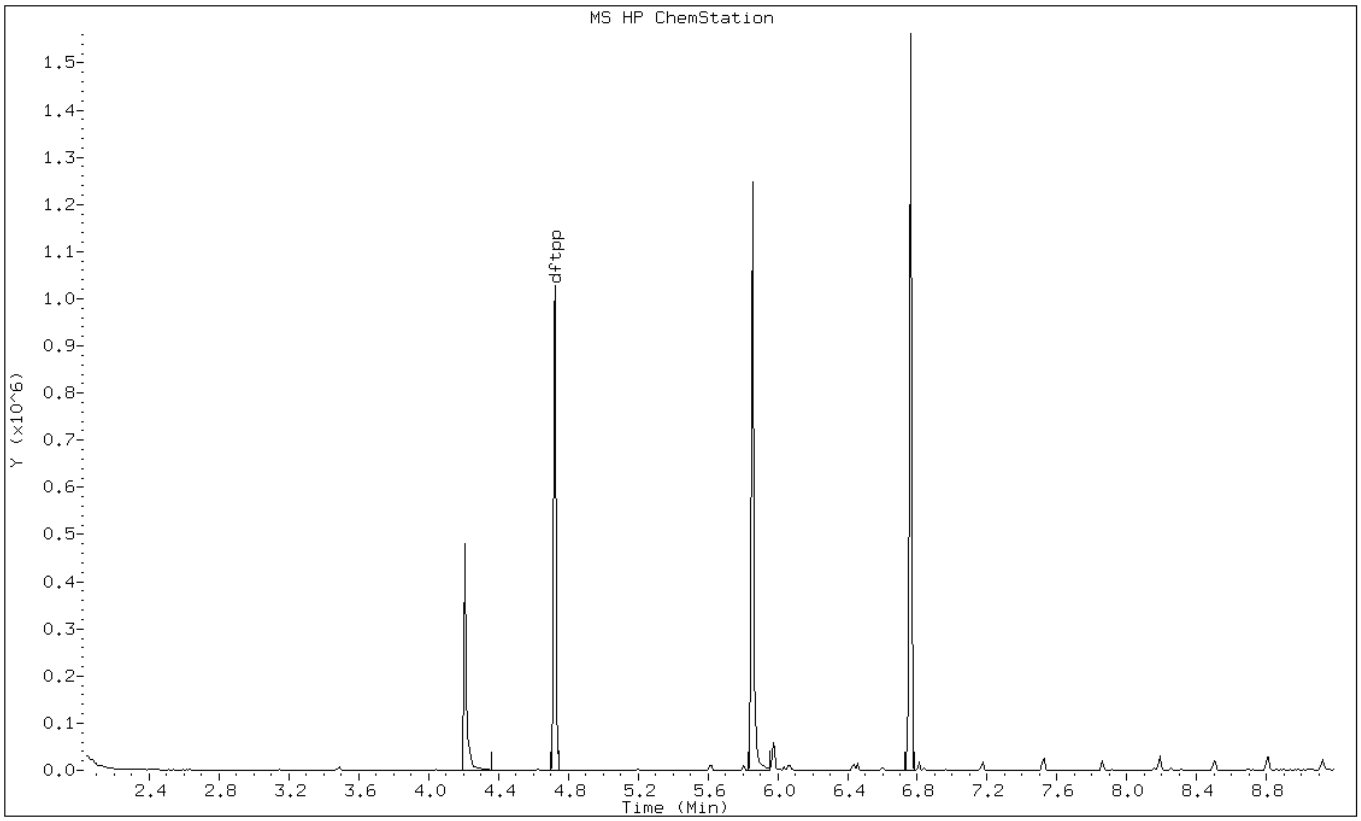
RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
4.728	5.190	-0.462	198	79121			0.00- 100.00	100.00
4.728	5.190	-0.462	51	36655			30.00- 60.00	46.33
4.728	5.190	-0.462	68	0			0.00- 2.00	0.00
4.728	5.190	-0.462	69	56901			0.00- 0.00	71.92
4.728	5.190	-0.462	70	228			0.00- 2.00	0.40
4.728	5.190	-0.462	127	36256			40.00- 60.00	45.82
4.728	5.190	-0.462	197	0			0.00- 1.00	0.00
4.728	5.190	-0.462	199	5359			5.00- 9.00	6.77
4.728	5.190	-0.462	275	17663			10.00- 30.00	22.32
4.728	5.190	-0.462	365	2150			1.00- 0.00	2.72
4.728	5.190	-0.462	441	10301			0.01- 100.00	81.29
4.728	5.190	-0.462	442	66264			40.00- 110.00	83.75
4.728	5.190	-0.462	443	12672			17.00- 23.00	19.12

Data File: u69905.d

Date: 06-SEP-2011 15:26

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-937638 Operator: BNA2



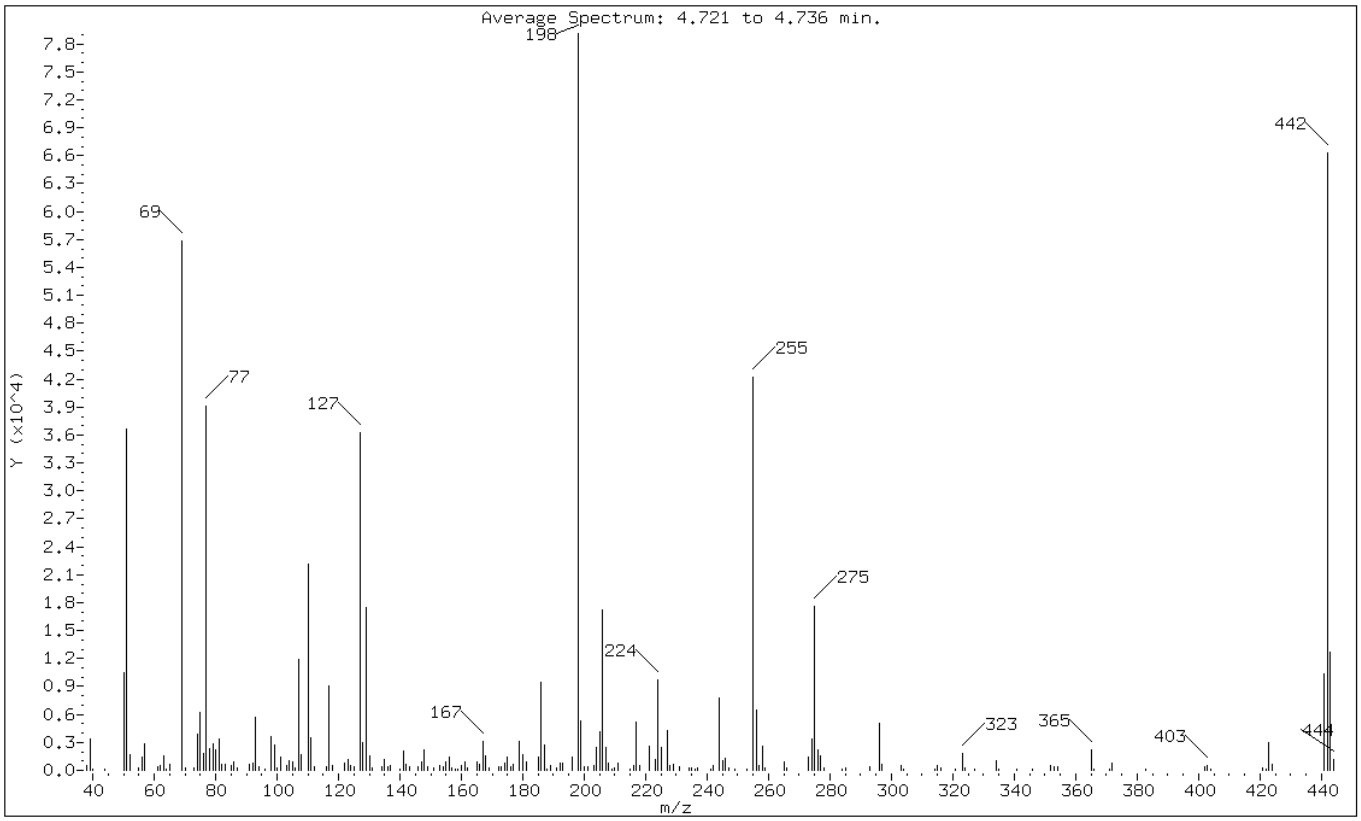
Data File: u69905.d

Date: 06-SEP-2011 15:26

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-937638 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	46.33
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	71.92
70	Less than 2.00% of mass 69	0.29 (0.40)
127	40.00 - 60.00% of mass 198	45.82
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.77
275	10.00 - 30.00% of mass 198	22.32
365	Greater than 1.00% of mass 198	2.72
441	0.01 - 100.00% of mass 443	13.02 (81.29)
442	40.00 - 110.00% of mass 198	83.75
443	17.00 - 23.00% of mass 442	16.02 (19.12)

Data File: u69905.d

Date: 06-SEP-2011 15:26

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-937638 Operator: BNA2

Data File: /chem/BNAMS4.i/8270T/09-06-11/06sep11.b/u69905.d
Spectrum: Average Spectrum: 4.721 to 4.736 min.
Location of Maximum: 198.00
Number of points: 194

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	511	116.00	426	185.00	1484	258.00	2623
39.00	3311	117.00	9050	186.00	9413	259.00	301
40.00	111	118.00	493	187.00	2661	265.00	844
44.00	121	122.00	798	188.00	119	266.00	234
50.00	10457	123.00	1101	189.00	551	273.00	1368
51.00	36648	124.00	479	191.00	294	274.00	3345
52.00	1681	125.00	449	192.00	800	275.00	17656
55.00	273	127.00	36256	193.00	746	276.00	2227
56.00	1387	128.00	2944	196.00	1465	277.00	1554
57.00	2827	129.00	17496	198.00	79120	278.00	228
61.00	432	130.00	1495	199.00	5359	284.00	107
62.00	506	131.00	257	200.00	357	285.00	221
63.00	1574	134.00	425	201.00	360	293.00	368
64.00	142	135.00	1119	203.00	516	296.00	5008
65.00	700	136.00	412	204.00	2479	297.00	642
69.00	56896	137.00	456	205.00	4165	303.00	506
70.00	228	140.00	135	206.00	17272	304.00	129
73.00	239	141.00	2063	207.00	2447	314.00	169
74.00	3932	142.00	685	208.00	724	315.00	580
75.00	6162	143.00	398	209.00	102	316.00	291
76.00	1856	146.00	325	210.00	277	321.00	103
77.00	39160	147.00	880	211.00	743	323.00	1781
78.00	2363	148.00	2142	215.00	141	324.00	273
79.00	2873	149.00	386	216.00	540	327.00	111
80.00	2149	151.00	247	217.00	5191	334.00	1052
81.00	3331	153.00	512	218.00	459	335.00	129
82.00	627	154.00	416	221.00	2617	341.00	136
83.00	617	155.00	940	223.00	1183	346.00	182
85.00	510	156.00	1402	224.00	9702	352.00	467
86.00	929	157.00	226	225.00	2425	353.00	402
87.00	296	158.00	179	227.00	4214	354.00	413
91.00	611	159.00	110	228.00	537	365.00	2150
92.00	759	160.00	544	229.00	701	366.00	144
93.00	5747	161.00	934	231.00	339	371.00	110
94.00	331	162.00	280	234.00	235	372.00	797
96.00	150	165.00	871	235.00	227	383.00	103
98.00	3668	166.00	614	236.00	129	402.00	365
99.00	2677	167.00	3060	237.00	302	403.00	541
100.00	236	168.00	1582	241.00	125	404.00	116
101.00	1360	169.00	278	242.00	460	421.00	266

103.00	534	172.00	437	244.00	7774	422.00	103
104.00	1038	173.00	353	245.00	979	423.00	2920
105.00	927	174.00	785	246.00	1354	424.00	585
106.00	223	175.00	1486	247.00	320	441.00	10301
107.00	11906	176.00	410	249.00	119	442.00	66264
108.00	1743	177.00	641	253.00	109	443.00	12672
110.00	22192	179.00	3055	255.00	42208	444.00	1161
111.00	3467	180.00	1673	256.00	6435		
112.00	382	181.00	918	257.00	483		

Data File: /chem/BNAMS4.i/8270T/09-06-11/13sep11a.b/u70062.d
Report Date: 13-Sep-2011 23:58

TestAmerica

Data file : /chem/BNAMS4.i/8270T/09-06-11/13sep11a.b/u70062.d
Lab Smp Id: DFTPP-937638
Inj Date : 13-SEP-2011 23:36
Operator : BNAMS3 Inst ID: BNAMS4.i
Smp Info : DFTPP-937638
Misc Info : 25ng/uL DFTPP Lot 4557
Comment :
Method : /chem/BNAMS4.i/8270T/09-06-11/13sep11a.b/BNADFTPP.m
Meth Date : 08-Sep-2011 10:15 czhao Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 96 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 #:		
4.532	4.680	-0.148	198	80749			0.00- 100.00	100.00
4.532	4.680	-0.148	51	42197			30.00- 60.00	52.26
4.532	4.680	-0.148	68	0			0.00- 2.00	0.00
4.532	4.680	-0.148	69	58386			0.00- 0.00	72.31
4.532	4.680	-0.148	70	0			0.00- 2.00	0.00
4.532	4.680	-0.148	127	36999			40.00- 60.00	45.82
4.532	4.680	-0.148	197	0			0.00- 1.00	0.00
4.532	4.680	-0.148	199	5361			5.00- 9.00	6.64
4.532	4.680	-0.148	275	16881			10.00- 30.00	20.91
4.532	4.680	-0.148	365	2098			1.00- 0.00	2.60
4.532	4.680	-0.148	441	8458			0.01- 100.00	78.98
4.532	4.680	-0.148	442	54783			40.00- 110.00	67.84
4.532	4.680	-0.148	443	10709			17.00- 23.00	19.55

Data File: u70062.d

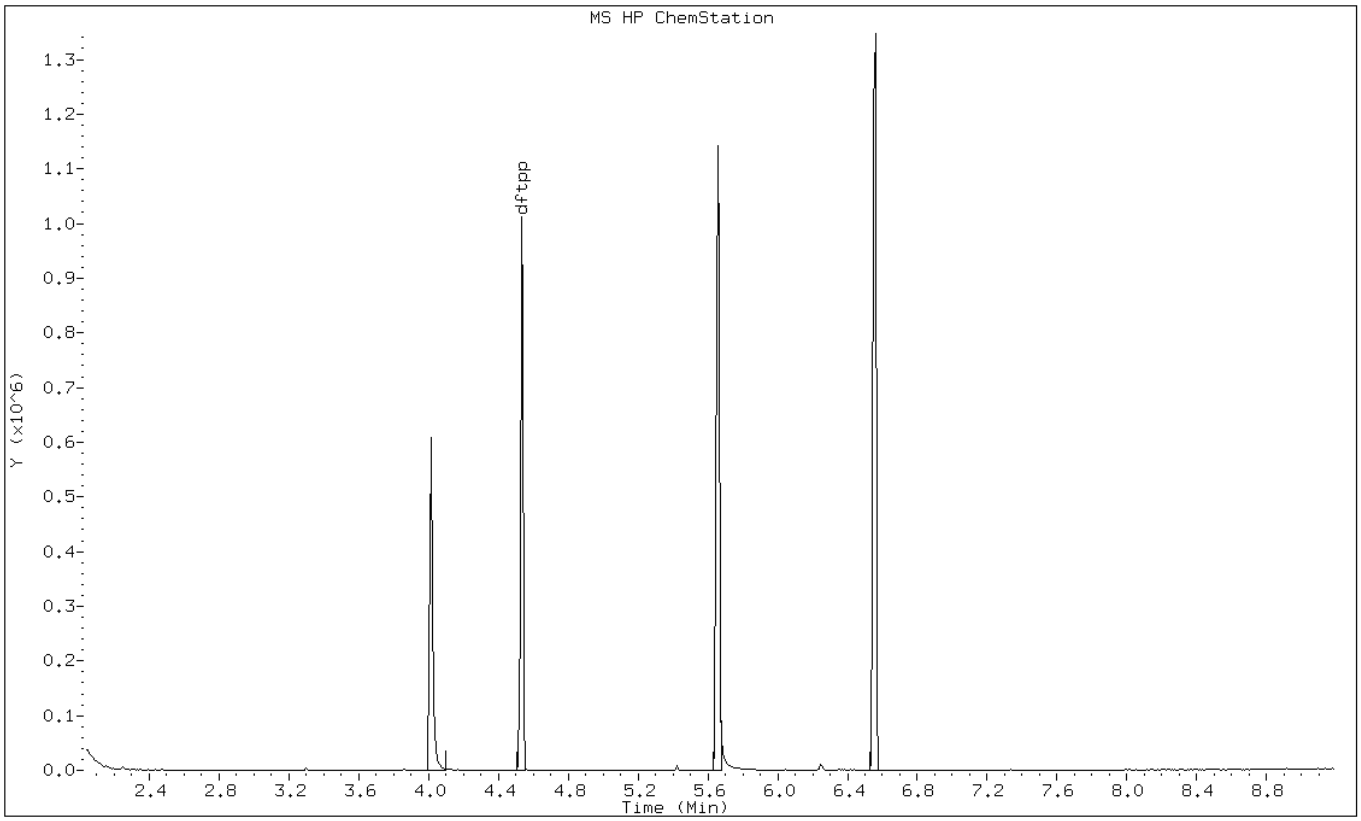
Date: 13-SEP-2011 23:36

Client ID:

Instrument: BNAMS4.i

Sample Info: DFTPP-937638

Operator: BNAMS3



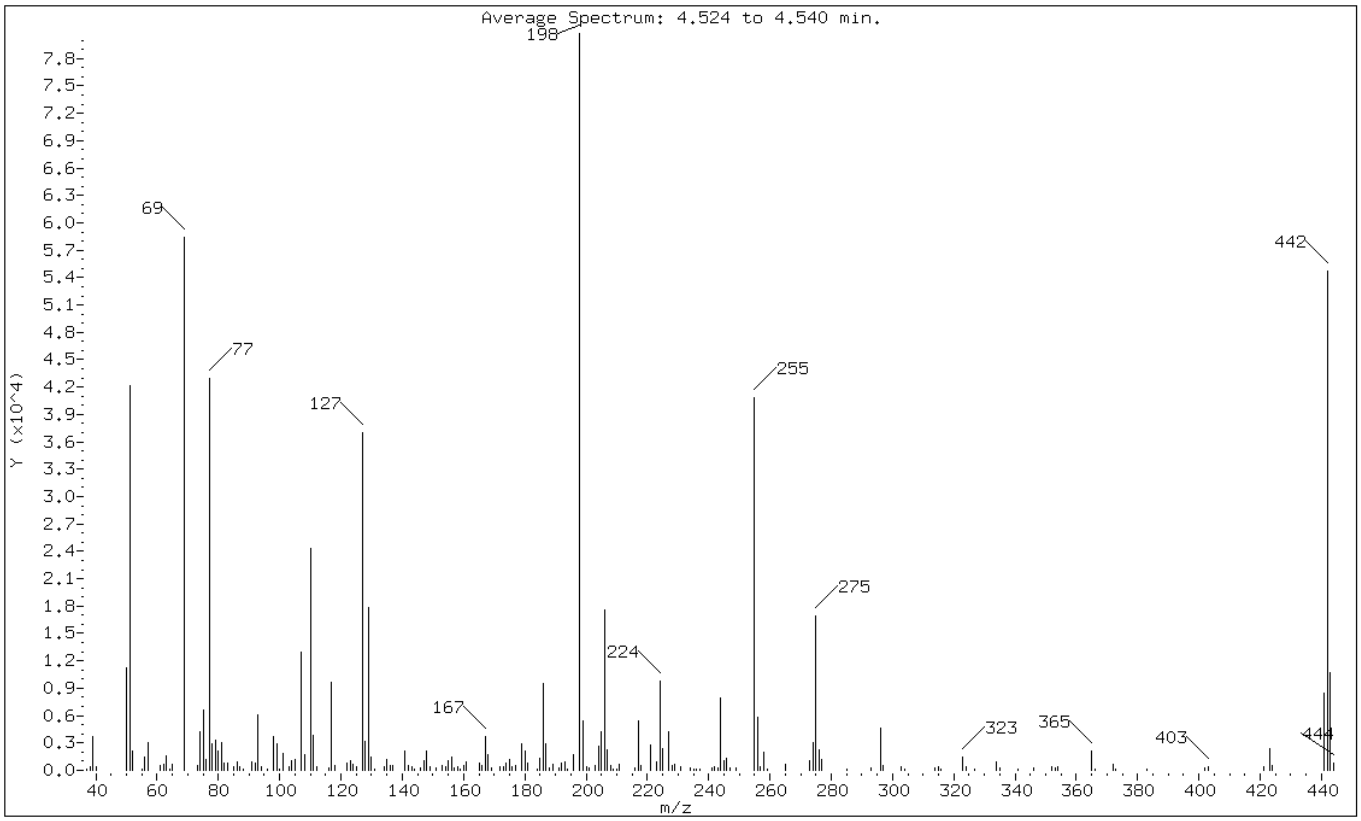
Data File: u70062.d

Date: 13-SEP-2011 23:36

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-937638 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	52.26
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	72.31
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	45.82
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.64
275	10.00 - 30.00% of mass 198	20.91
365	Greater than 1.00% of mass 198	2.60
441	0.01 - 100.00% of mass 443	10.47 (78.98)
442	40.00 - 110.00% of mass 198	67.84
443	17.00 - 23.00% of mass 442	13.26 (19.55)

Data File: u70062.d

Date: 13-SEP-2011 23:36

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-937638 Operator: BNAMS3

Data File: /chem/BNAMS4.i/8270T/09-06-11/13sep11a.b/u70062.d
Spectrum: Average Spectrum: 4.524 to 4.540 min.
Location of Maximum: 198.00
Number of points: 187

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	114	112.00	390	180.00	2097	247.00	246
38.00	425	116.00	322	181.00	748	249.00	249
39.00	3712	117.00	9635	184.00	106	255.00	40856
40.00	348	118.00	559	185.00	1311	256.00	5860
50.00	11190	122.00	836	186.00	9510	257.00	442
51.00	42192	123.00	1054	187.00	2889	258.00	2044
52.00	2083	124.00	612	188.00	282	259.00	180
55.00	162	125.00	402	189.00	658	265.00	714
56.00	1416	127.00	36992	191.00	262	273.00	1035
57.00	3072	128.00	3147	192.00	805	274.00	3028
61.00	574	129.00	17880	193.00	883	275.00	16880
62.00	710	130.00	1438	194.00	100	276.00	2187
63.00	1534	131.00	130	196.00	1673	277.00	1144
64.00	117	134.00	426	198.00	80744	285.00	133
65.00	676	135.00	1178	199.00	5361	293.00	315
69.00	58384	136.00	498	200.00	370	296.00	4626
73.00	522	137.00	578	201.00	220	297.00	549
74.00	4286	141.00	2144	203.00	520	303.00	434
75.00	6563	142.00	561	204.00	2613	304.00	119
76.00	1231	143.00	356	205.00	4284	314.00	225
77.00	42904	144.00	111	206.00	17632	315.00	458
78.00	2949	146.00	277	207.00	2292	316.00	128
79.00	3352	147.00	1052	208.00	547	323.00	1466
80.00	2180	148.00	2165	209.00	119	324.00	338
81.00	3048	149.00	413	210.00	101	327.00	141
82.00	850	151.00	256	211.00	596	334.00	922
83.00	767	153.00	585	216.00	218	335.00	228
85.00	402	154.00	429	217.00	5428	341.00	124
86.00	938	155.00	1097	218.00	541	346.00	327
87.00	338	156.00	1491	221.00	2746	352.00	433
88.00	100	157.00	289	223.00	963	353.00	249
91.00	958	158.00	379	224.00	9819	354.00	354
92.00	771	159.00	103	225.00	2332	365.00	2098
93.00	6074	160.00	550	227.00	4210	366.00	133
94.00	341	161.00	905	228.00	578	372.00	707
96.00	149	165.00	837	229.00	667	373.00	105
98.00	3740	166.00	586	231.00	351	383.00	156
99.00	2848	167.00	3705	234.00	214	402.00	308
100.00	153	168.00	1701	235.00	134	403.00	374
101.00	1900	169.00	284	236.00	129	421.00	403

103.00	425	172.00	335	237.00	119	423.00	2423
104.00	1117	173.00	408	241.00	246	424.00	499
105.00	1130	174.00	808	242.00	455	441.00	8458
107.00	12959	175.00	1233	243.00	305	442.00	54776
108.00	1734	176.00	359	244.00	7874	443.00	10709
110.00	24296	177.00	557	245.00	1111	444.00	813
111.00	3820	179.00	2934	246.00	1277		

Data File: /chem/BNAMS4.i/8270T/09-06-11/14sep11.b/u70094.d
Report Date: 14-Sep-2011 15:01

TestAmerica

Data file : /chem/BNAMS4.i/8270T/09-06-11/14sep11.b/u70094.d
Lab Smp Id: DFTPP-937638
Inj Date : 14-SEP-2011 14:39
Operator : BNA2 Inst ID: BNAMS4.i
Smp Info : DFTPP-937638
Misc Info : 25ng/uL DFTPP Lot 4557
Comment :
Method : /chem/BNAMS4.i/8270T/09-06-11/14sep11.b/BNADFTPP.m
Meth Date : 14-Sep-2011 15:01 monica Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 96 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

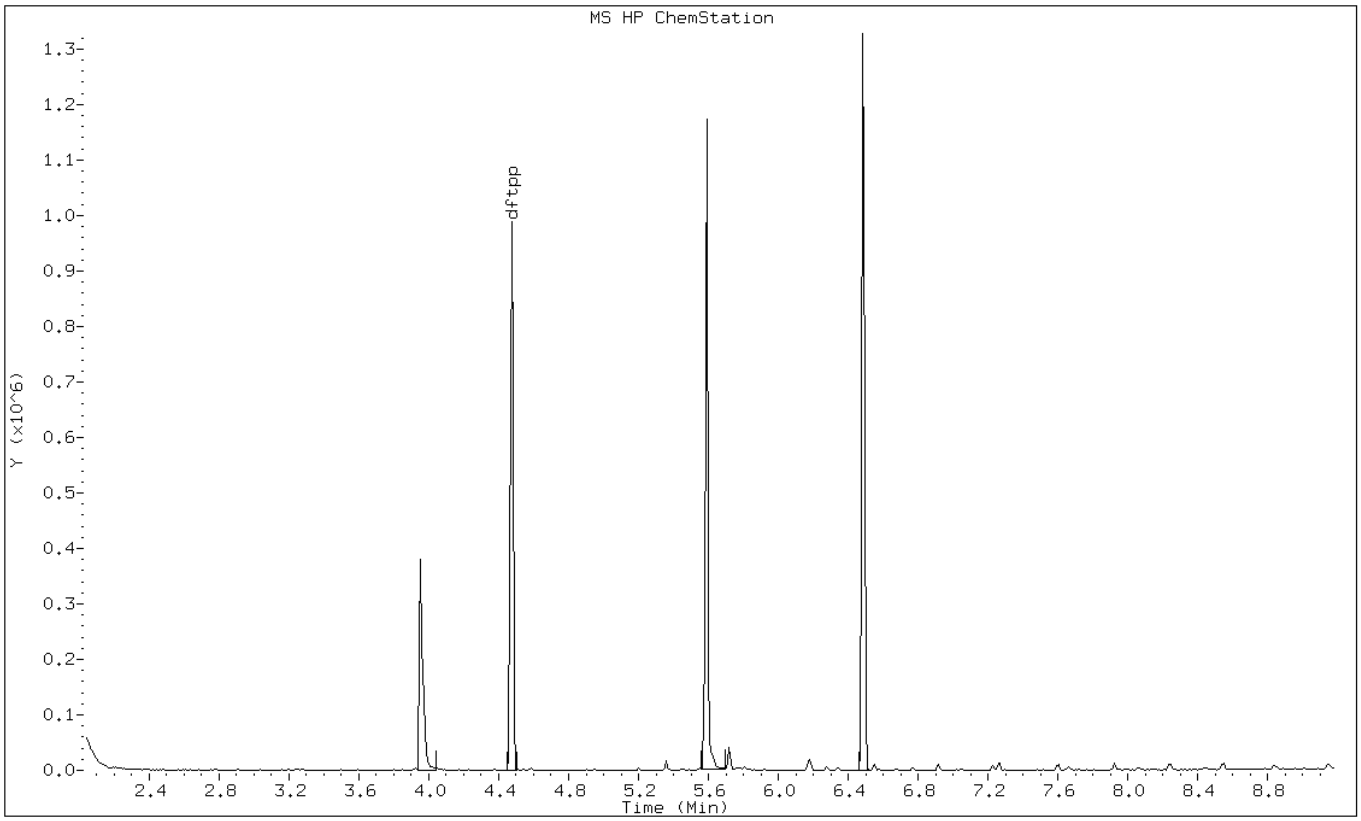
RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
4.473	4.500	-0.027	198	78666			0.00- 100.00	100.00
4.473	4.500	-0.027	51	40149			30.00- 60.00	51.04
4.473	4.500	-0.027	68	0			0.00- 2.00	0.00
4.473	4.500	-0.027	69	57784			0.00- 0.00	73.45
4.473	4.500	-0.027	70	144			0.00- 2.00	0.25
4.473	4.500	-0.027	127	35448			40.00- 60.00	45.06
4.473	4.500	-0.027	197	0			0.00- 1.00	0.00
4.473	4.500	-0.027	199	5441			5.00- 9.00	6.92
4.473	4.500	-0.027	275	15756			10.00- 30.00	20.03
4.473	4.500	-0.027	365	1770			1.00- 0.00	2.25
4.473	4.500	-0.027	441	8633			0.01- 100.00	79.52
4.473	4.500	-0.027	442	55385			40.00- 110.00	70.41
4.473	4.500	-0.027	443	10856			17.00- 23.00	19.60

Data File: u70094.d

Date: 14-SEP-2011 14:39

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-937638 Operator: BNA2



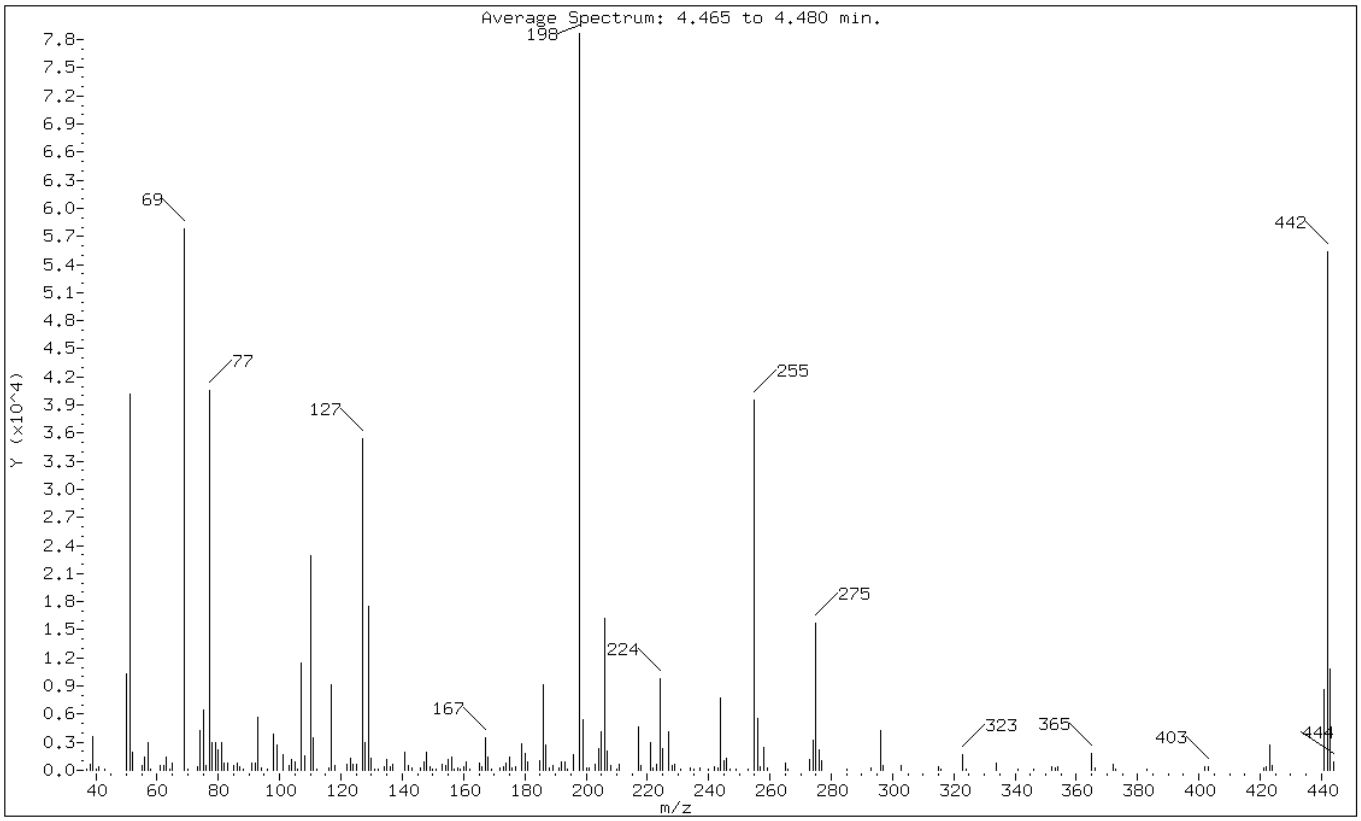
Data File: u70094.d

Date: 14-SEP-2011 14:39

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-937638 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	51.04
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	73.45
70	Less than 2.00% of mass 69	0.18 (0.25)
127	40.00 - 60.00% of mass 198	45.06
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.92
275	10.00 - 30.00% of mass 198	20.03
365	Greater than 1.00% of mass 198	2.25
441	0.01 - 100.00% of mass 443	10.97 (79.52)
442	40.00 - 110.00% of mass 198	70.41
443	17.00 - 23.00% of mass 442	13.80 (19.60)

Data File: u70094.d

Date: 14-SEP-2011 14:39

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-937638 Operator: BNA2

Data File: /chem/BNAMS4.i/8270T/09-06-11/14sep11.b/u70094.d
Spectrum: Average Spectrum: 4.465 to 4.480 min.
Location of Maximum: 198.00
Number of points: 189

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	110	108.00	1581	175.00	1419	247.00	142
38.00	660	110.00	22904	176.00	284	249.00	132
39.00	3565	111.00	3444	177.00	366	253.00	100
40.00	103	112.00	178	179.00	2868	255.00	39584
41.00	400	116.00	253	180.00	1750	256.00	5589
43.00	120	117.00	9130	181.00	840	257.00	390
50.00	10350	118.00	555	185.00	1025	258.00	2385
51.00	40144	122.00	685	186.00	9155	259.00	237
52.00	1955	123.00	1249	187.00	2768	265.00	728
55.00	457	124.00	623	188.00	241	266.00	137
56.00	1448	125.00	604	189.00	470	273.00	1175
57.00	2942	127.00	35448	191.00	274	274.00	3221
58.00	114	128.00	2897	192.00	849	275.00	15756
61.00	545	129.00	17472	193.00	845	276.00	2242
62.00	571	130.00	1344	194.00	100	277.00	1084
63.00	1461	131.00	154	196.00	1647	285.00	123
64.00	159	132.00	103	198.00	78664	293.00	265
65.00	809	134.00	352	199.00	5441	296.00	4299
69.00	57784	135.00	1124	200.00	321	297.00	506
70.00	144	136.00	435	201.00	313	303.00	482
73.00	351	137.00	650	203.00	591	315.00	360
74.00	4218	141.00	1934	204.00	2305	316.00	174
75.00	6387	142.00	495	205.00	4056	323.00	1624
76.00	575	143.00	281	206.00	16234	324.00	136
77.00	40584	146.00	281	207.00	2030	334.00	751
78.00	2912	147.00	850	208.00	454	341.00	109
79.00	2991	148.00	1936	210.00	114	346.00	119
80.00	2191	149.00	343	211.00	637	352.00	411
81.00	2973	150.00	100	217.00	4675	353.00	233
82.00	775	151.00	103	218.00	557	354.00	409
83.00	738	153.00	620	221.00	2930	365.00	1770
85.00	565	154.00	461	222.00	274	366.00	305
86.00	826	155.00	1095	223.00	698	372.00	687
87.00	434	156.00	1375	224.00	9741	373.00	112
88.00	101	157.00	171	225.00	2286	383.00	127
91.00	762	158.00	283	227.00	4095	402.00	338
92.00	807	159.00	124	228.00	467	403.00	341
93.00	5608	160.00	414	229.00	621	421.00	302
94.00	299	161.00	881	231.00	189	422.00	418
96.00	120	162.00	126	234.00	263	423.00	2664

98.00	3824	165.00	824	235.00	102	424.00	462
99.00	2680	166.00	378	237.00	269	441.00	8633
101.00	1626	167.00	3526	240.00	106	442.00	55384
103.00	565	168.00	1428	242.00	404	443.00	10856
104.00	1175	169.00	149	243.00	265	444.00	867
105.00	948	172.00	261	244.00	7663		
106.00	172	173.00	350	245.00	1084		
107.00	11497	174.00	818	246.00	1281		

Data File: /chem/BNAMS4.i/8270T/09-06-11/15sep11.b/u70130.d
Report Date: 15-Sep-2011 11:05

TestAmerica

Data file : /chem/BNAMS4.i/8270T/09-06-11/15sep11.b/u70130.d
Lab Smp Id: DFTPP-937638
Inj Date : 15-SEP-2011 10:42
Operator : BNA2 Inst ID: BNAMS4.i
Smp Info : DFTPP-937638
Misc Info : 25ng/uL DFTPP Lot 4557
Comment :
Method : /chem/BNAMS4.i/8270T/09-06-11/15sep11.b/BNADFTPP.m
Meth Date : 14-Sep-2011 15:01 monica Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 96 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 #:		
4.450	4.500	-0.050	198	66933			0.00- 100.00	100.00
4.450	4.500	-0.050	51	33805			30.00- 60.00	50.51
4.450	4.500	-0.050	68	0			0.00- 2.00	0.00
4.450	4.500	-0.050	69	52506			0.00- 0.00	78.45
4.450	4.500	-0.050	70	135			0.00- 2.00	0.26
4.450	4.500	-0.050	127	31698			40.00- 60.00	47.36
4.450	4.500	-0.050	197	0			0.00- 1.00	0.00
4.450	4.500	-0.050	199	4864			5.00- 9.00	7.27
4.450	4.500	-0.050	275	14615			10.00- 30.00	21.84
4.450	4.500	-0.050	365	1887			1.00- 0.00	2.82
4.450	4.500	-0.050	441	7980			0.01- 100.00	81.80
4.450	4.500	-0.050	442	50584			40.00- 110.00	75.57
4.450	4.500	-0.050	443	9756			17.00- 23.00	19.29

Data File: u70130.d

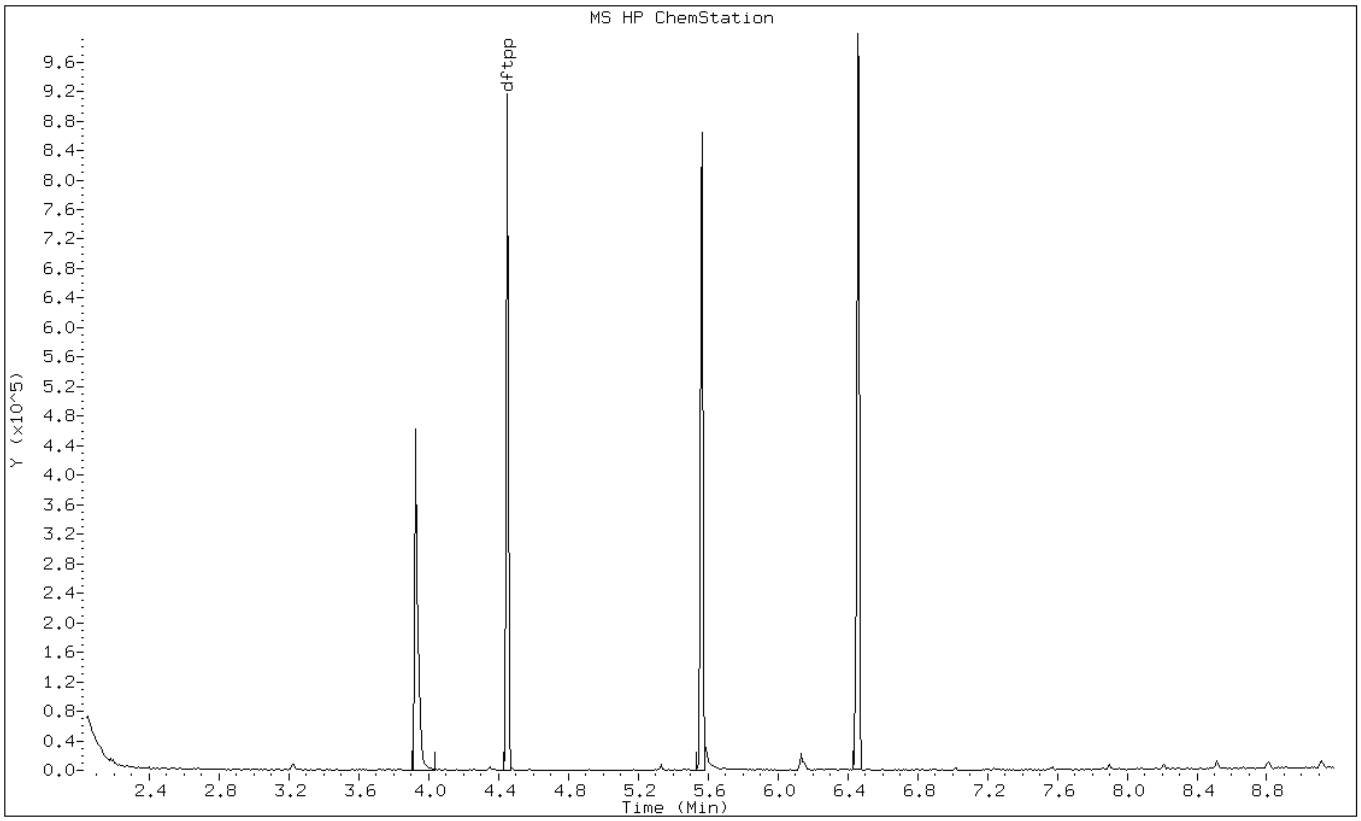
Date: 15-SEP-2011 10:42

Client ID:

Instrument: BNAMS4.i

Sample Info: DFTPP-937638

Operator: BNA2



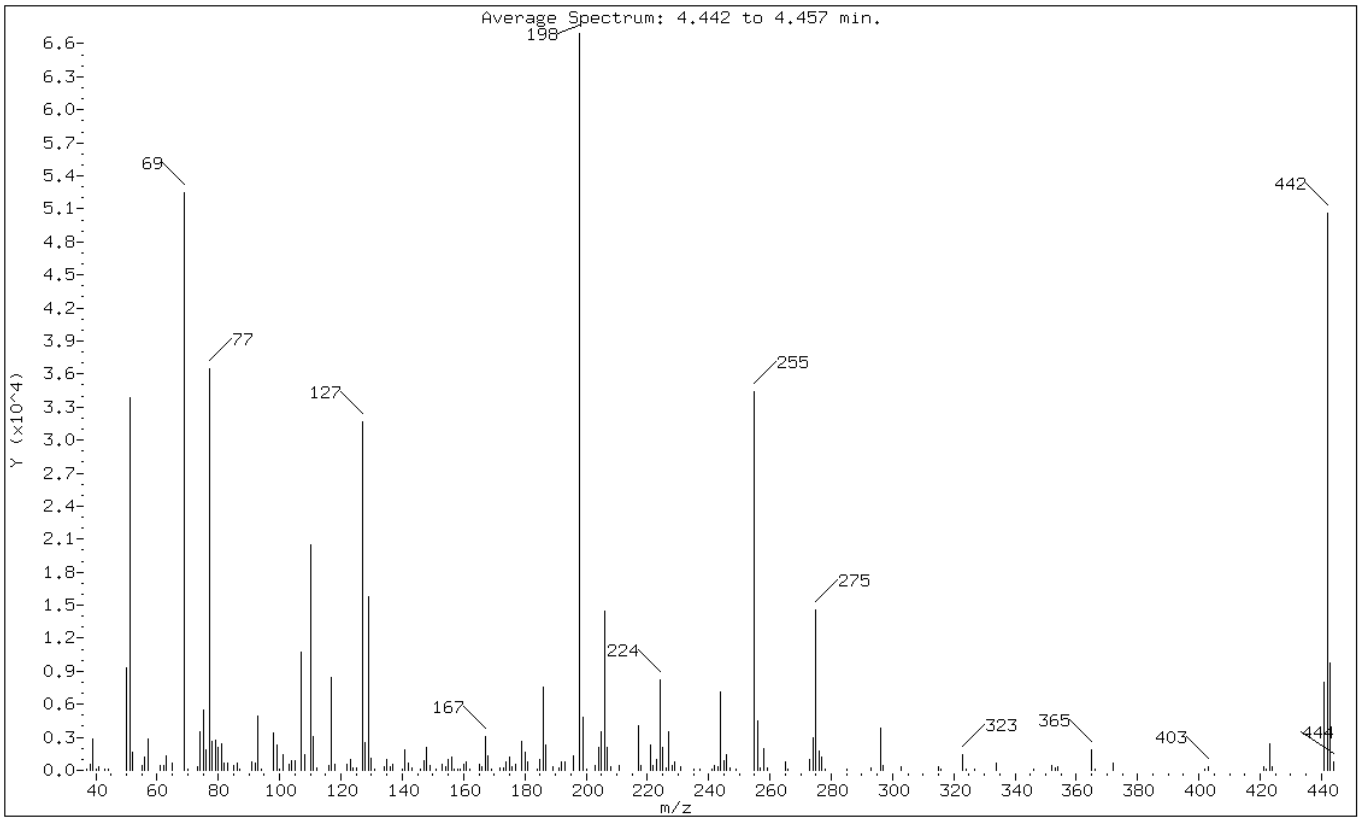
Data File: u70130.d

Date: 15-SEP-2011 10:42

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-937638 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	50.51
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	78.45
70	Less than 2.00% of mass 69	0.20 (0.26)
127	40.00 - 60.00% of mass 198	47.36
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	7.27
275	10.00 - 30.00% of mass 198	21.84
365	Greater than 1.00% of mass 198	2.82
441	0.01 - 100.00% of mass 443	11.92 (81.80)
442	40.00 - 110.00% of mass 198	75.57
443	17.00 - 23.00% of mass 442	14.58 (19.29)

Data File: u70130.d

Date: 15-SEP-2011 10:42

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-937638 Operator: BNA2

Data File: /chem/BNAMS4.i/8270T/09-06-11/15sep11.b/u70130.d
Spectrum: Average Spectrum: 4.442 to 4.457 min.
Location of Maximum: 198.00
Number of points: 180

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	115	110.00	20464	175.00	1247	249.00	101
38.00	586	111.00	3046	176.00	348	255.00	34400
39.00	2887	112.00	196	177.00	571	256.00	4541
40.00	112	116.00	486	179.00	2657	257.00	172
41.00	338	117.00	8396	180.00	1641	258.00	1993
43.00	117	118.00	541	181.00	797	259.00	258
44.00	118	122.00	592	184.00	107	265.00	728
50.00	9325	123.00	960	185.00	1037	266.00	117
51.00	33800	124.00	242	186.00	7510	273.00	953
52.00	1617	125.00	214	187.00	2307	274.00	2931
55.00	414	127.00	31696	189.00	362	275.00	14615
56.00	1199	128.00	2539	191.00	270	276.00	1760
57.00	2846	129.00	15732	192.00	760	277.00	1217
61.00	465	130.00	1093	193.00	747	278.00	110
62.00	491	131.00	128	196.00	1352	285.00	103
63.00	1357	134.00	355	198.00	66928	293.00	231
65.00	622	135.00	957	199.00	4864	296.00	3840
69.00	52504	136.00	320	200.00	147	297.00	442
70.00	135	137.00	571	203.00	469	303.00	323
73.00	359	140.00	106	204.00	2037	315.00	369
74.00	3468	141.00	1880	205.00	3500	316.00	140
75.00	5485	142.00	603	206.00	14473	323.00	1371
76.00	1892	143.00	220	207.00	2090	324.00	122
77.00	36480	146.00	155	208.00	345	327.00	112
78.00	2585	147.00	910	211.00	480	334.00	691
79.00	2789	148.00	2071	217.00	4101	346.00	117
80.00	2078	149.00	421	218.00	416	352.00	410
81.00	2452	151.00	105	221.00	2316	353.00	266
82.00	699	153.00	521	222.00	459	354.00	357
83.00	677	154.00	315	223.00	1032	365.00	1887
85.00	487	155.00	1001	224.00	8253	366.00	115
86.00	711	156.00	1236	225.00	2045	372.00	603
87.00	148	157.00	115	226.00	214	402.00	133
91.00	804	158.00	150	227.00	3553	403.00	334
92.00	708	159.00	111	228.00	443	421.00	284
93.00	4883	160.00	554	229.00	721	422.00	113
94.00	109	161.00	722	231.00	285	423.00	2398
98.00	3417	162.00	114	235.00	121	424.00	296
99.00	2313	165.00	512	237.00	114	441.00	7980
100.00	109	166.00	349	241.00	163	442.00	50584

101.00	1446	167.00	3031	242.00	416	443.00	9756
103.00	531	168.00	1270	243.00	339	444.00	729
104.00	872	169.00	149	244.00	7103		
105.00	841	172.00	259	245.00	929		
107.00	10712	173.00	198	246.00	1373		
108.00	1475	174.00	713	247.00	204		

Data File: /chem/BNAMS4.i/8270T/09-20-11/20sep11.b/u70272.d
Report Date: 20-Sep-2011 14:51

TestAmerica

Data file : /chem/BNAMS4.i/8270T/09-20-11/20sep11.b/u70272.d
Lab Smp Id: DFTPP-937638
Inj Date : 20-SEP-2011 13:09
Operator : BNA2 Inst ID: BNAMS4.i
Smp Info : DFTPP-937638
Misc Info : 25ng/uL DFTPP Lot 4557
Comment :
Method : /chem/BNAMS4.i/8270T/09-20-11/20sep11.b/BNADFTPP.m
Meth Date : 14-Sep-2011 15:01 monica Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 96 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)	FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
4.314	4.500	-0.186	198	27313			0.00- 100.00	100.00
4.314	4.500	-0.186	51	14444			30.00- 60.00	52.88
4.314	4.500	-0.186	68	0			0.00- 2.00	0.00
4.314	4.500	-0.186	69	19812			0.00- 0.00	72.54
4.314	4.500	-0.186	70	0			0.00- 2.00	0.00
4.314	4.500	-0.186	127	12682			40.00- 60.00	46.43
4.314	4.500	-0.186	197	0			0.00- 1.00	0.00
4.314	4.500	-0.186	199	1657			5.00- 9.00	6.07
4.314	4.500	-0.186	275	5257			10.00- 30.00	19.25
4.314	4.500	-0.186	365	620			1.00- 0.00	2.27
4.314	4.500	-0.186	441	3234			0.01- 100.00	90.74
4.314	4.500	-0.186	442	19497			40.00- 110.00	71.38
4.314	4.500	-0.186	443	3564			17.00- 23.00	18.28

Data File: u70272.d

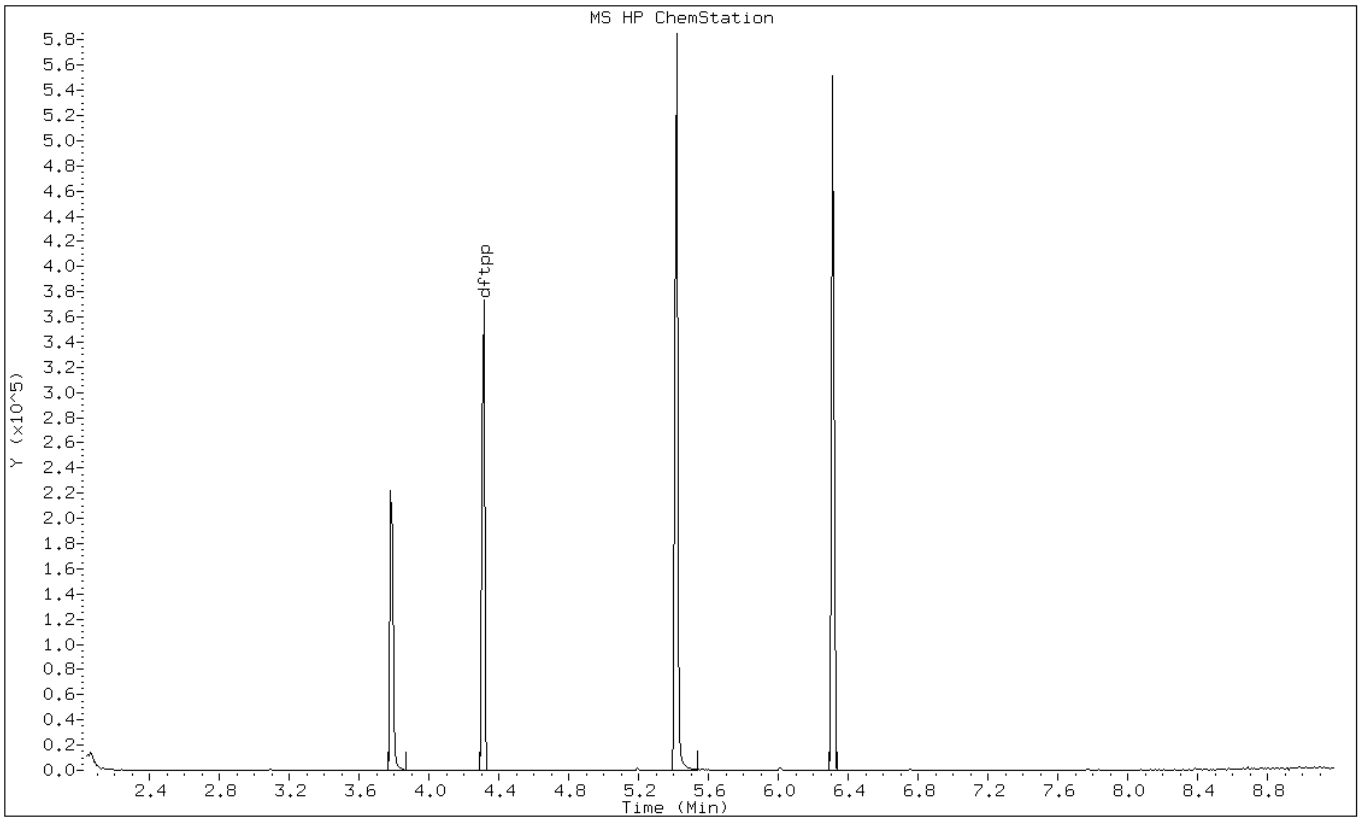
Date: 20-SEP-2011 13:09

Client ID:

Instrument: BNAMS4.i

Sample Info: DFTPP-937638

Operator: BNA2



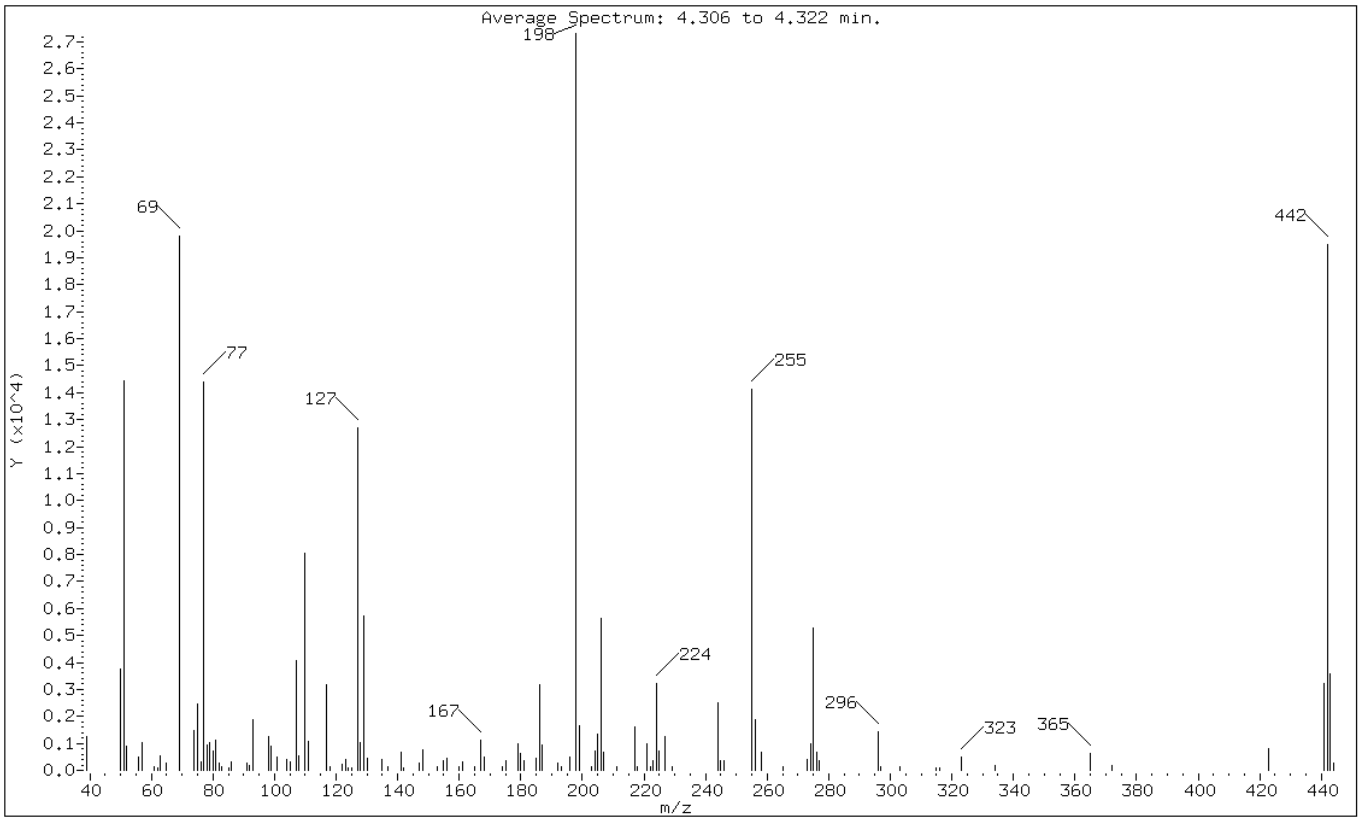
Data File: u70272.d

Date: 20-SEP-2011 13:09

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-937638 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	52.88
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	72.54
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	46.43
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.07
275	10.00 - 30.00% of mass 198	19.25
365	Greater than 1.00% of mass 198	2.27
441	0.01 - 100.00% of mass 443	11.84 (90.74)
442	40.00 - 110.00% of mass 198	71.38
443	17.00 - 23.00% of mass 442	13.05 (18.28)

Data File: u70272.d

Date: 20-SEP-2011 13:09

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-937638 Operator: BNA2

Data File: /chem/BNAMS4.i/8270T/09-20-11/20sep11.b/u70272.d
Spectrum: Average Spectrum: 4.306 to 4.322 min.
Location of Maximum: 198.00
Number of points: 113

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	1254	104.00	398	168.00	472	244.00	2509
50.00	3738	105.00	300	174.00	114	245.00	344
51.00	14444	107.00	4081	175.00	354	246.00	338
52.00	873	108.00	555	179.00	979	255.00	14109
56.00	498	110.00	8067	180.00	605	256.00	1876
57.00	1019	111.00	1074	181.00	352	258.00	650
61.00	132	117.00	3155	185.00	444	265.00	152
62.00	103	118.00	132	186.00	3162	273.00	394
63.00	555	122.00	227	187.00	936	274.00	1000
65.00	290	123.00	386	192.00	266	275.00	5257
69.00	19808	124.00	105	193.00	145	276.00	689
74.00	1477	125.00	100	196.00	503	277.00	352
75.00	2473	127.00	12682	198.00	27312	296.00	1417
76.00	335	128.00	1045	199.00	1657	297.00	117
77.00	14390	129.00	5735	203.00	153	303.00	128
78.00	944	130.00	428	204.00	731	315.00	110
79.00	1035	135.00	380	205.00	1363	316.00	104
80.00	717	137.00	119	206.00	5636	323.00	475
81.00	1103	141.00	655	207.00	663	334.00	199
82.00	278	142.00	105	211.00	128	365.00	620
83.00	155	147.00	265	217.00	1587	372.00	162
85.00	102	148.00	754	218.00	136	423.00	805
86.00	302	153.00	146	221.00	992	441.00	3234
91.00	287	155.00	344	222.00	126	442.00	19496
92.00	167	156.00	448	223.00	367	443.00	3564
93.00	1886	160.00	128	224.00	3229	444.00	247
98.00	1239	161.00	328	225.00	698		
99.00	892	165.00	144	227.00	1272		
101.00	474	167.00	1104	229.00	153		

Data File: /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/u70280.d
Report Date: 20-Sep-2011 23:52

TestAmerica

Data file : /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/u70280.d
Lab Smp Id: DFTPP-937638
Inj Date : 20-SEP-2011 23:26
Operator : BNAMS3 Inst ID: BNAMS4.i
Smp Info : DFTPP-937638
Misc Info : 25ng/uL DFTPP Lot 4557
Comment :
Method : /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/BNADFTPP.m
Meth Date : 14-Sep-2011 15:01 monica Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 96 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 #:		
4.326	4.500	-0.174	198	19294			0.00- 100.00	100.00
4.326	4.500	-0.174	51	10556			30.00- 60.00	54.71
4.326	4.500	-0.174	68	0			0.00- 2.00	0.00
4.326	4.500	-0.174	69	14427			0.00- 0.00	74.77
4.326	4.500	-0.174	70	0			0.00- 2.00	0.00
4.326	4.500	-0.174	127	9610			40.00- 60.00	49.81
4.326	4.500	-0.174	197	0			0.00- 1.00	0.00
4.326	4.500	-0.174	199	1261			5.00- 9.00	6.54
4.326	4.500	-0.174	275	4229			10.00- 30.00	21.92
4.326	4.500	-0.174	365	415			1.00- 0.00	2.15
4.326	4.500	-0.174	441	2295			0.01- 100.00	85.35
4.326	4.500	-0.174	442	14665			40.00- 110.00	76.01
4.326	4.500	-0.174	443	2689			17.00- 23.00	18.34

Data File: u70280.d

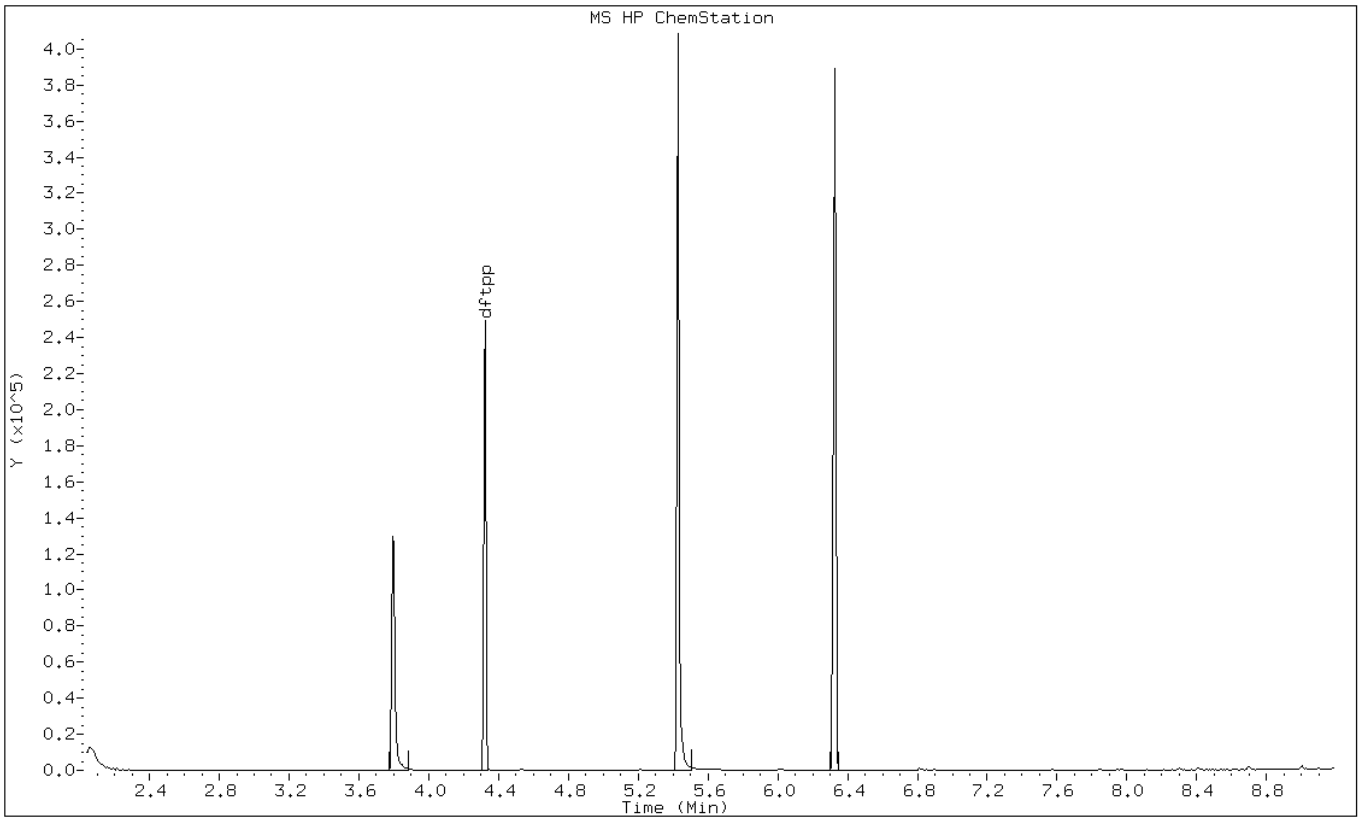
Date: 20-SEP-2011 23:26

Client ID:

Instrument: BNAMS4.i

Sample Info: DFTPP-937638

Operator: BNAMS3



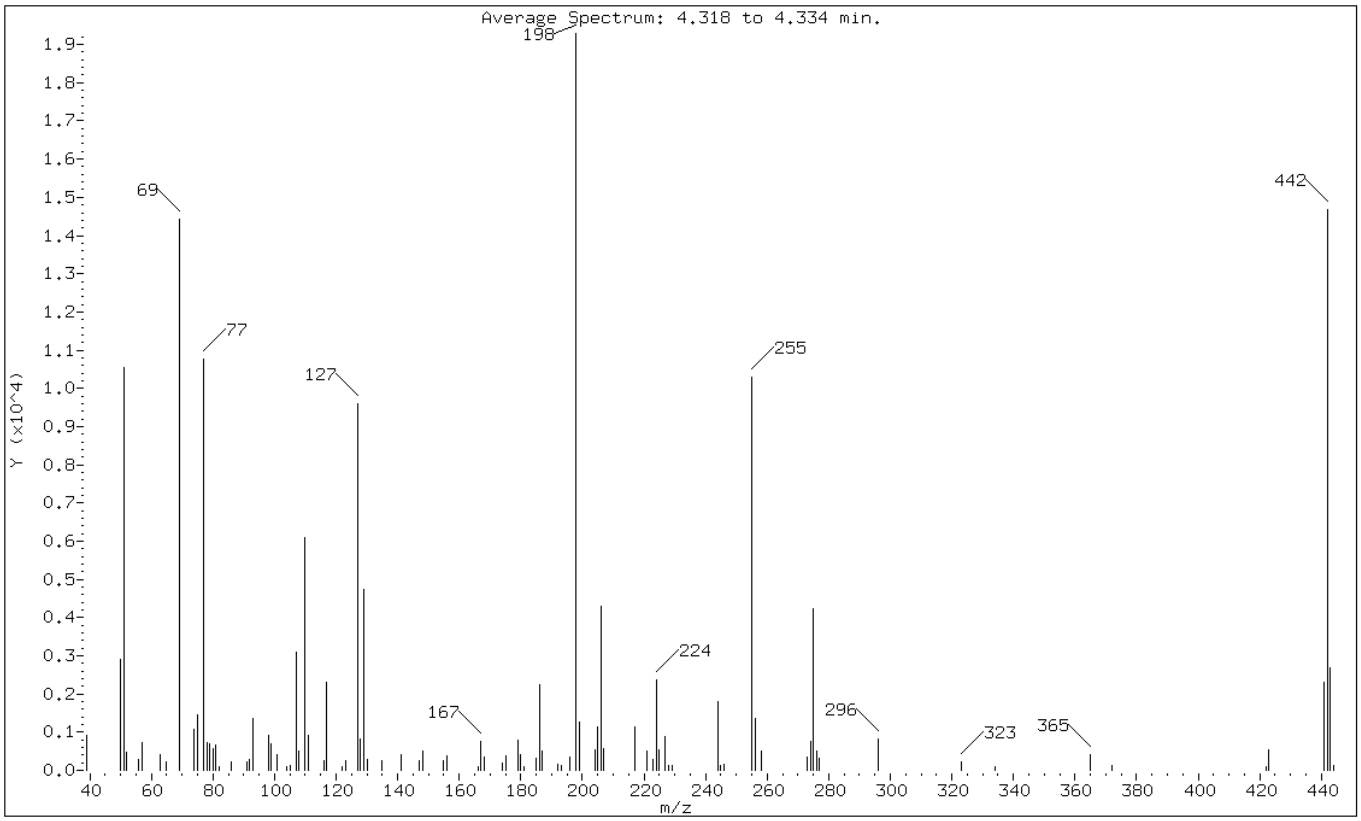
Data File: u70280.d

Date: 20-SEP-2011 23:26

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-937638 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	54.71
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	74.77
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	49.81
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.54
275	10.00 - 30.00% of mass 198	21.92
365	Greater than 1.00% of mass 198	2.15
441	0.01 - 100.00% of mass 443	11.89 (85.35)
442	40.00 - 110.00% of mass 198	76.01
443	17.00 - 23.00% of mass 442	13.94 (18.34)

Data File: u70280.d

Date: 20-SEP-2011 23:26

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-937638 Operator: BNAMS3

Data File: /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/u70280.d
Spectrum: Average Spectrum: 4.318 to 4.334 min.
Location of Maximum: 198.00
Number of points: 94

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	903	104.00	110	175.00	367	244.00	1804
50.00	2889	105.00	112	179.00	783	245.00	120
51.00	10556	107.00	3104	180.00	414	246.00	167
52.00	459	108.00	508	181.00	110	255.00	10294
56.00	287	110.00	6095	185.00	307	256.00	1359
57.00	734	111.00	919	186.00	2228	258.00	492
63.00	416	116.00	237	187.00	491	273.00	356
65.00	213	117.00	2311	192.00	168	274.00	743
69.00	14427	122.00	110	193.00	111	275.00	4229
74.00	1061	123.00	247	196.00	344	276.00	502
75.00	1464	127.00	9610	198.00	19288	277.00	326
77.00	10775	128.00	814	199.00	1261	296.00	834
78.00	714	129.00	4735	204.00	527	323.00	235
79.00	686	130.00	285	205.00	1147	334.00	108
80.00	577	135.00	267	206.00	4279	365.00	415
81.00	670	141.00	422	207.00	553	372.00	119
82.00	105	147.00	247	217.00	1130	422.00	109
86.00	235	148.00	507	221.00	510	423.00	527
91.00	219	155.00	254	223.00	287	441.00	2295
92.00	275	156.00	383	224.00	2375	442.00	14665
93.00	1373	166.00	109	225.00	533	443.00	2689
98.00	904	167.00	765	227.00	883	444.00	124
99.00	709	168.00	361	228.00	120		
101.00	396	174.00	205	229.00	136		

Data File: /chem/BNAMS5.i/8270/09-12-11/12sep11.b/x17710.d
Report Date: 12-Sep-2011 13:54

TestAmerica

Data file : /chem/BNAMS5.i/8270/09-12-11/12sep11.b/x17710.d
Lab Smp Id: DFTPP-937638
Inj Date : 12-SEP-2011 11:08
Operator : BNA2 Inst ID: BNAMS5.i
Smp Info : DFTPP-937638
Misc Info : 25 ppm bna 4557
Comment   :
Method   : /chem/BNAMS5.i/8270/09-12-11/12sep11.b/BNADFTPP.m
Meth Date : 12-Sep-2011 09:18 croccom 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 #:		
4.831	4.852	-0.021	198	311978			0.00- 100.00	97.68
4.831	4.852	-0.021	51	123149			30.00- 60.00	39.47
4.831	4.852	-0.021	68	2098			0.00- 2.00	1.96
4.831	4.852	-0.021	69	106925			0.00- 0.00	34.27
4.831	4.852	-0.021	70	1350			0.00- 2.00	1.26
4.831	4.852	-0.021	127	137997			40.00- 60.00	44.23
4.831	4.852	-0.021	197	1632			0.00- 1.00	0.52
4.831	4.852	-0.021	199	19124			5.00- 9.00	6.13
4.831	4.852	-0.021	275	79882			10.00- 30.00	25.61
4.831	4.852	-0.021	365	10238			1.00- 0.00	3.28
4.831	4.852	-0.021	441	48984			0.01- 100.00	76.34
4.831	4.852	-0.021	442	319402			40.00- 110.00	102.38
4.831	4.852	-0.021	443	64162			17.00- 23.00	20.09

Data File: x17710.d

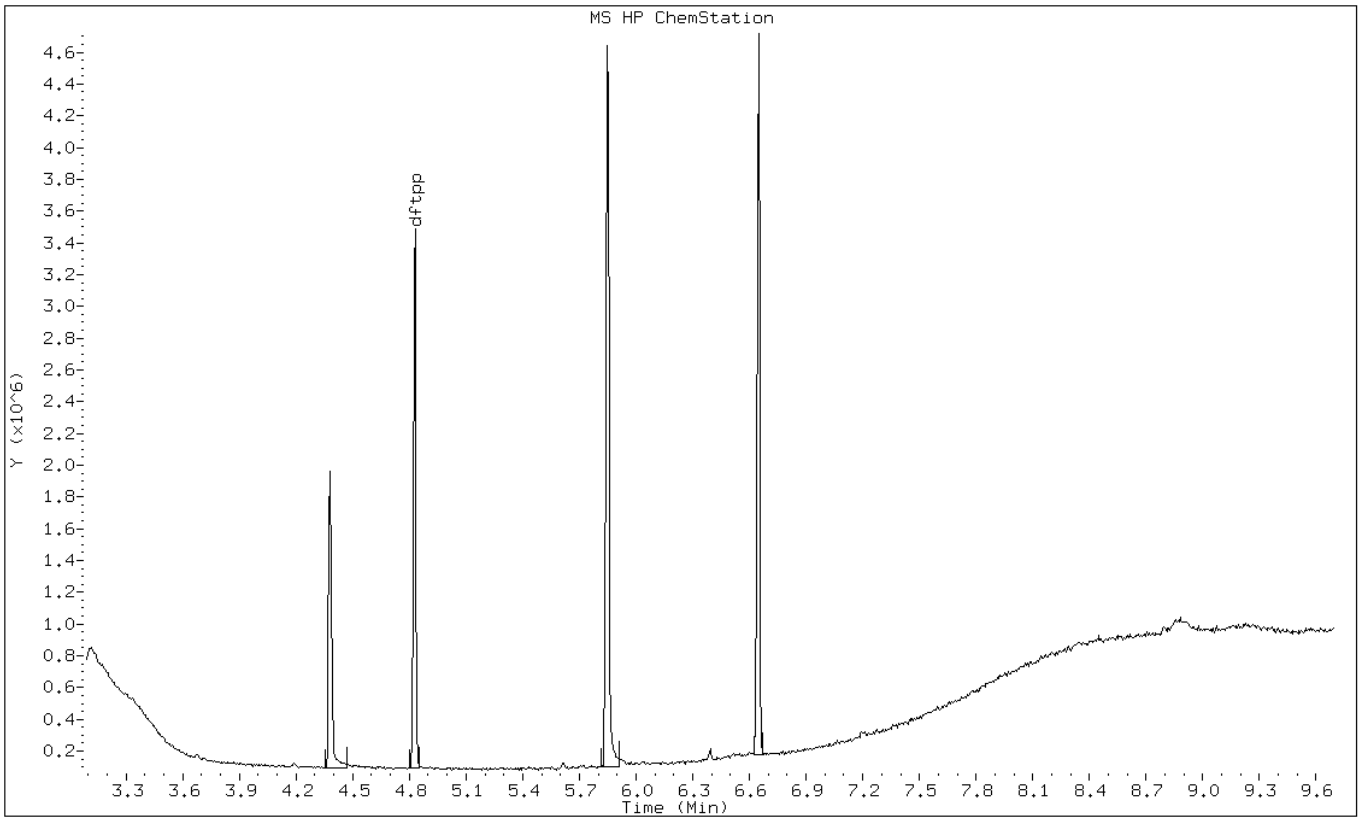
Date: 12-SEP-2011 11:08

Client ID:

Instrument: BNAMS5.i

Sample Info: DFTPP-937638

Operator: BNA2



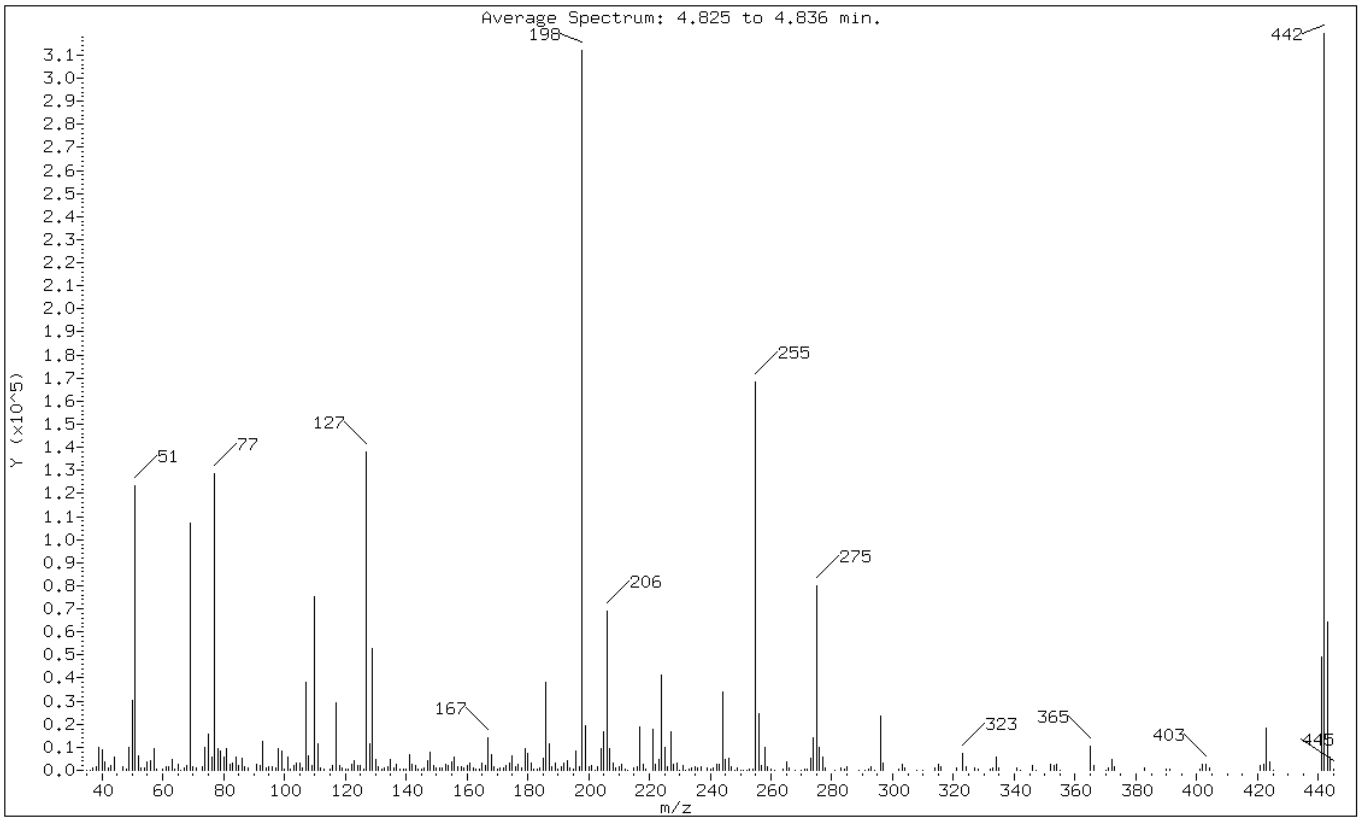
Data File: x17710.d

Date: 12-SEP-2011 11:08

Client ID: Instrument: BNAMS5.i

Sample Info: DFTPP-937638 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	39.47
68	Less than 2.00% of mass 69	0.67 (1.96)
69	Mass 69 relative abundance	34.27
70	Less than 2.00% of mass 69	0.43 (1.26)
127	40.00 - 60.00% of mass 198	44.23
197	Less than 1.00% of mass 198	0.52
199	5.00 - 9.00% of mass 198	6.13
275	10.00 - 30.00% of mass 198	25.61
365	Greater than 1.00% of mass 198	3.28
441	0.01 - 100.00% of mass 443	15.70 (76.34)
442	40.00 - 110.00% of mass 198	102.38
443	17.00 - 23.00% of mass 442	20.57 (20.09)

Data File: x17710.d

Date: 12-SEP-2011 11:08

Client ID: Instrument: BNAMS5.i

Sample Info: DFTPP-937638 Operator: BNA2

Data File: /chem/BNAMS5.i/8270/09-12-11/12sep11.b/x17710.d
Spectrum: Average Spectrum: 4.825 to 4.836 min.
Location of Maximum: 442.00
Number of points: 289

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	214	115.00	744	188.00	1476	266.00	817
36.00	225	116.00	2018	189.00	3213	268.00	167
37.00	908	117.00	29152	190.00	650	270.00	204
38.00	1339	118.00	2325	191.00	1606	271.00	378
39.00	9888	119.00	798	192.00	3341	272.00	663
40.00	9146	120.00	683	193.00	4054	273.00	5112
41.00	3564	121.00	729	194.00	889	274.00	14058
42.00	1159	122.00	2587	195.00	287	275.00	79880
43.00	2181	123.00	3959	196.00	8623	276.00	10035
44.00	5978	124.00	1875	197.00	1632	277.00	6005
47.00	1542	125.00	1851	198.00	311936	278.00	1056
48.00	609	126.00	636	199.00	19120	281.00	177
49.00	9863	127.00	137984	200.00	1439	283.00	1062
50.00	30496	128.00	11652	201.00	1900	284.00	392
51.00	123144	129.00	52920	202.00	184	285.00	1336
52.00	6523	130.00	4493	203.00	1582	289.00	179
53.00	977	131.00	1459	204.00	9661	291.00	181
54.00	787	132.00	549	205.00	16680	292.00	364
55.00	3573	133.00	836	206.00	68784	293.00	1581
56.00	4015	134.00	1570	207.00	9648	294.00	224
57.00	9263	135.00	4632	208.00	3101	296.00	23608
58.00	484	136.00	1197	209.00	931	297.00	3285
60.00	474	137.00	2670	210.00	1496	302.00	477
61.00	1387	138.00	635	211.00	2535	303.00	2789
62.00	1439	139.00	728	212.00	551	304.00	907
63.00	4703	140.00	649	213.00	208	308.00	181
64.00	660	141.00	6602	215.00	1144	310.00	211
65.00	2807	142.00	2556	216.00	1435	314.00	1240
66.00	169	143.00	1869	217.00	18704	315.00	2778
67.00	1205	144.00	552	218.00	2512	316.00	1524
68.00	2098	145.00	759	219.00	405	321.00	1054
69.00	106920	146.00	1145	221.00	18008	323.00	7461
70.00	1350	147.00	4076	222.00	2751	324.00	1440
71.00	793	148.00	7899	223.00	4612	327.00	1226
73.00	1359	149.00	2037	224.00	41280	328.00	759
74.00	10187	150.00	799	225.00	9978	332.00	466
75.00	15614	151.00	1141	226.00	1350	333.00	894
76.00	5788	152.00	878	227.00	16560	334.00	5939
77.00	128488	153.00	2526	228.00	2672	335.00	1186
78.00	9582	154.00	1995	229.00	3143	341.00	1043

79.00	8266	155.00	3791	230.00	188	342.00	202
80.00	5586	156.00	5934	231.00	1862	346.00	1873
81.00	9508	157.00	1488	232.00	198	347.00	171
82.00	2463	158.00	1439	233.00	429	352.00	2492
83.00	3191	159.00	980	234.00	1058	353.00	1968
84.00	5664	160.00	2271	235.00	1560	354.00	2629
85.00	2016	161.00	2975	236.00	817	355.00	196
86.00	5480	162.00	1147	237.00	1325	365.00	10238
87.00	1680	163.00	371	239.00	1052	366.00	2079
88.00	1087	164.00	624	240.00	428	370.00	182
91.00	2824	165.00	2990	241.00	862	371.00	820
92.00	2198	166.00	2085	242.00	2522	372.00	4597
93.00	12454	167.00	14054	243.00	2512	373.00	1487
94.00	1252	168.00	6940	244.00	33848	383.00	1251
95.00	1564	169.00	1345	245.00	4770	390.00	708
96.00	1314	170.00	460	246.00	5467	391.00	589
97.00	963	171.00	809	247.00	1379	401.00	409
98.00	9516	172.00	1298	248.00	235	402.00	2414
99.00	8540	173.00	1907	249.00	1245	403.00	2602
100.00	635	174.00	2954	250.00	167	404.00	1069
101.00	5574	175.00	6157	251.00	244	421.00	2193
102.00	335	176.00	1787	252.00	242	422.00	2355
103.00	1928	177.00	2509	253.00	741	423.00	18152
104.00	3292	178.00	1250	254.00	546	424.00	3522
105.00	3379	179.00	9204	255.00	168192	425.00	172
106.00	1129	180.00	7091	256.00	24592	441.00	48984
107.00	38024	181.00	3140	257.00	1850	442.00	319360
108.00	6030	182.00	577	258.00	9763	443.00	64160
109.00	1974	183.00	327	259.00	1787	444.00	5644
110.00	75368	184.00	893	260.00	361	445.00	376
111.00	11418	185.00	5171	261.00	210		
112.00	1239	186.00	38304	264.00	372		
113.00	478	187.00	11353	265.00	3910		

Data File: /chem/BNAMS5.i/8270/09-12-11/21sep11.b/x17922.d
Report Date: 21-Sep-2011 03:23

TestAmerica

Data file : /chem/BNAMS5.i/8270/09-12-11/21sep11.b/x17922.d
Lab Smp Id: DFTPP-937638
Inj Date : 21-SEP-2011 03:19
Operator : BNAMS3 Inst ID: BNAMS5.i
Smp Info : DFTPP-937638
Misc Info : 25 ppm bna 4557
Comment :
Method : /chem/BNAMS5.i/8270/09-12-11/21sep11.b/BNADFTPP.m
Meth Date : 12-Sep-2011 09:18 croccom 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

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
4.729	4.852	-0.123	198	263146			0.00- 100.00	93.06
4.729	4.852	-0.123	51	105570			30.00- 60.00	40.12
4.729	4.852	-0.123	68	1395			0.00- 2.00	1.56
4.729	4.852	-0.123	69	89229			0.00- 0.00	33.91
4.729	4.852	-0.123	70	652			0.00- 2.00	0.73
4.729	4.852	-0.123	127	122402			40.00- 60.00	46.51
4.729	4.852	-0.123	197	1654			0.00- 1.00	0.63
4.729	4.852	-0.123	199	18040			5.00- 9.00	6.86
4.729	4.852	-0.123	275	68944			10.00- 30.00	26.20
4.729	4.852	-0.123	365	9468			1.00- 0.00	3.60
4.729	4.852	-0.123	441	40576			0.01- 100.00	76.04
4.729	4.852	-0.123	442	282773			40.00- 110.00	107.46
4.729	4.852	-0.123	443	53362			17.00- 23.00	18.87

Data File: x17922.d

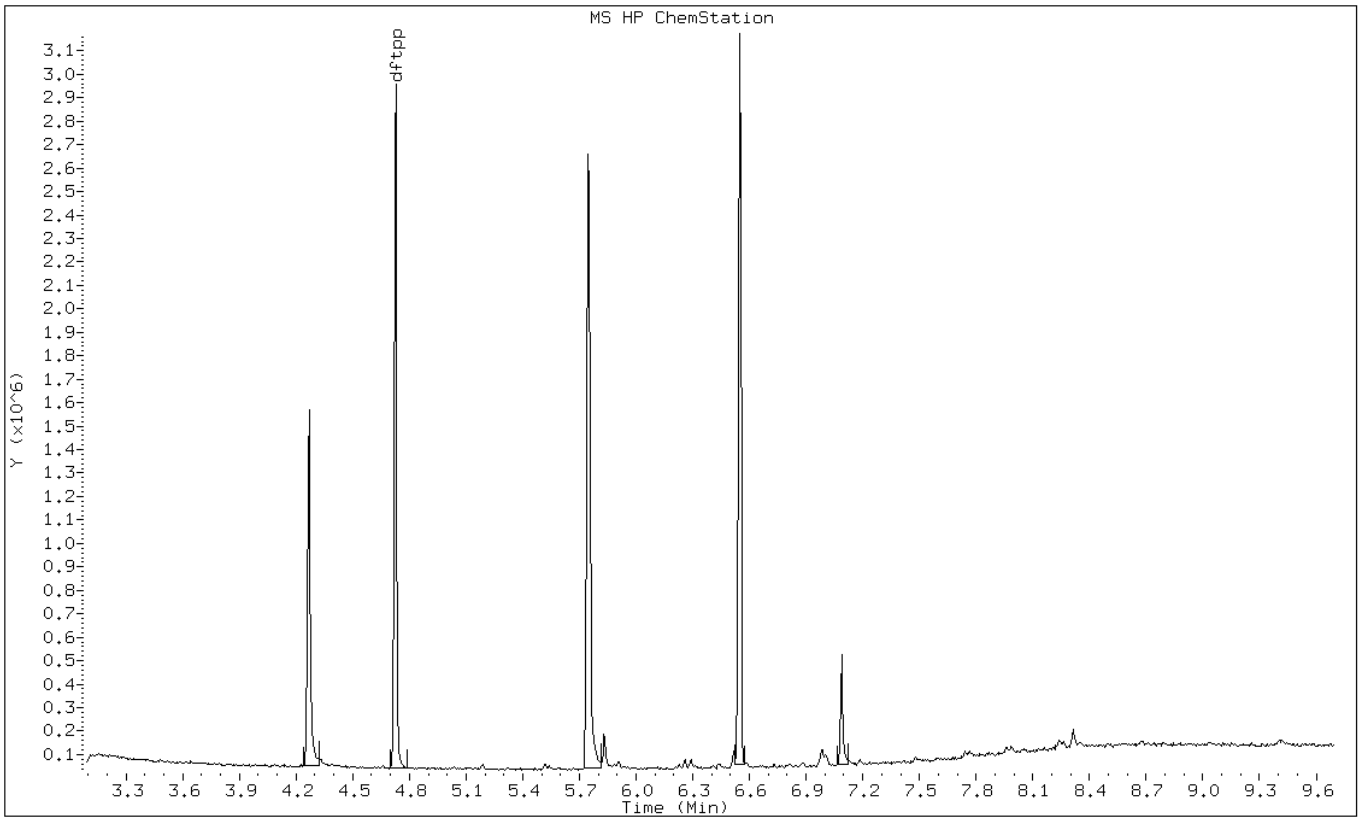
Date: 21-SEP-2011 03:19

Client ID:

Instrument: BNAMS5.i

Sample Info: DFTPP-937638

Operator: BNAMS3



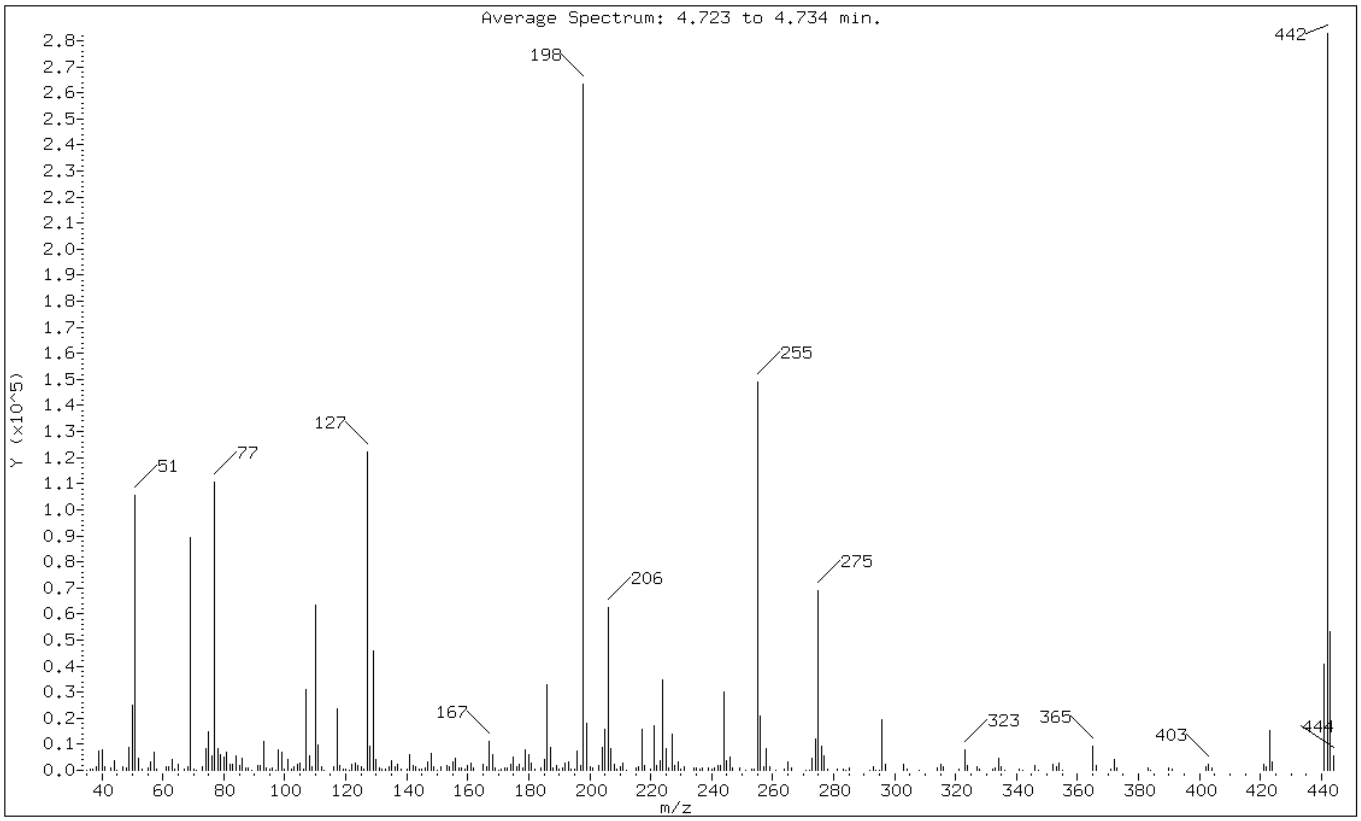
Data File: x17922.d

Date: 21-SEP-2011 03:19

Client ID: Instrument: BNAMS5.i

Sample Info: DFTPP-937638 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	40.12
68	Less than 2.00% of mass 69	0.53 (1.56)
69	Mass 69 relative abundance	33.91
70	Less than 2.00% of mass 69	0.25 (0.73)
127	40.00 - 60.00% of mass 198	46.51
197	Less than 1.00% of mass 198	0.63
199	5.00 - 9.00% of mass 198	6.86
275	10.00 - 30.00% of mass 198	26.20
365	Greater than 1.00% of mass 198	3.60
441	0.01 - 100.00% of mass 443	15.42 (76.04)
442	40.00 - 110.00% of mass 198	107.46
443	17.00 - 23.00% of mass 442	20.28 (18.87)

Data File: x17922.d

Date: 21-SEP-2011 03:19

Client ID: Instrument: BNAMS5.i

Sample Info: DFTPP-937638 Operator: BNAMS3

Data File: /chem/BNAMS5.i/8270/09-12-11/21sep11.b/x17922.d
Spectrum: Average Spectrum: 4.723 to 4.734 min.
Location of Maximum: 442.00
Number of points: 266

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	201	110.00	63472	184.00	697	264.00	355
36.00	680	111.00	9797	185.00	3989	265.00	3076
37.00	535	112.00	1408	186.00	33000	266.00	806
38.00	1308	113.00	199	187.00	8878	271.00	170
39.00	7318	116.00	1589	188.00	951	272.00	192
40.00	8031	117.00	23784	189.00	1741	273.00	4665
41.00	1375	118.00	1868	190.00	358	274.00	12004
43.00	872	119.00	473	191.00	1024	275.00	68944
44.00	3586	120.00	430	192.00	2559	276.00	9077
45.00	221	121.00	183	193.00	3222	277.00	5779
47.00	1203	122.00	2222	194.00	649	278.00	577
48.00	816	123.00	2965	195.00	605	281.00	342
49.00	8613	124.00	1745	196.00	7423	283.00	379
50.00	24888	125.00	1245	197.00	1654	284.00	207
51.00	105568	126.00	502	198.00	263104	285.00	1106
52.00	4834	127.00	122400	199.00	18040	292.00	185
53.00	425	128.00	9256	200.00	1598	293.00	1447
55.00	1106	129.00	45816	201.00	991	294.00	196
56.00	3211	130.00	4291	203.00	1954	295.00	191
57.00	7030	131.00	1150	204.00	8641	296.00	19224
58.00	407	132.00	451	205.00	15552	297.00	2439
61.00	1185	133.00	667	206.00	62616	303.00	2243
62.00	1373	134.00	1355	207.00	8295	304.00	398
63.00	4128	135.00	3744	208.00	2159	308.00	217
64.00	517	136.00	1564	209.00	583	314.00	1016
65.00	2112	137.00	2111	210.00	1424	315.00	2143
67.00	281	138.00	447	211.00	2570	316.00	1390
68.00	1395	140.00	524	212.00	204	321.00	509
69.00	89224	141.00	5851	215.00	756	323.00	7701
70.00	652	142.00	2031	216.00	1419	324.00	1912
71.00	202	143.00	1377	217.00	15823	327.00	1422
73.00	1429	144.00	496	218.00	1945	328.00	566
74.00	8528	145.00	657	220.00	249	332.00	401
75.00	14843	146.00	832	221.00	17312	333.00	702
76.00	5592	147.00	3246	222.00	1884	334.00	4613
77.00	110792	148.00	6668	223.00	3575	335.00	1238
78.00	8451	149.00	1339	224.00	34672	336.00	194
79.00	6067	150.00	211	225.00	8417	341.00	537
80.00	4952	151.00	1213	226.00	880	342.00	179
81.00	7080	153.00	1877	227.00	13958	346.00	1690

82.00	2464	154.00	1556	228.00	1956	347.00	203
83.00	2403	155.00	3401	229.00	3070	352.00	2175
84.00	5668	156.00	4528	230.00	390	353.00	1291
85.00	1675	157.00	959	231.00	1308	354.00	2555
86.00	4678	158.00	1145	234.00	751	355.00	174
87.00	833	159.00	631	235.00	1059	365.00	9468
88.00	824	160.00	1794	236.00	474	366.00	1730
89.00	191	161.00	2613	237.00	1049	371.00	485
91.00	1829	162.00	811	239.00	745	372.00	3988
92.00	1629	165.00	2502	240.00	477	373.00	1116
93.00	10991	166.00	1602	241.00	1021	383.00	1152
94.00	914	167.00	11268	242.00	1675	384.00	207
95.00	578	168.00	5812	243.00	1965	390.00	782
96.00	804	169.00	905	244.00	29896	391.00	402
97.00	199	170.00	226	245.00	3756	402.00	1348
98.00	7710	171.00	671	246.00	5187	403.00	2106
99.00	7125	172.00	1086	247.00	891	404.00	846
100.00	615	173.00	1032	249.00	836	421.00	2317
101.00	4320	174.00	2205	251.00	172	422.00	1517
102.00	258	175.00	4879	253.00	580	423.00	15052
103.00	1328	176.00	1472	254.00	576	424.00	3286
104.00	2449	177.00	2213	255.00	148928	441.00	40576
105.00	2772	178.00	705	256.00	21032	442.00	282752
106.00	665	179.00	7914	257.00	1596	443.00	53360
107.00	30840	180.00	5890	258.00	8144	444.00	5393
108.00	5494	181.00	2870	259.00	1264		
109.00	1225	182.00	556	261.00	180		

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-85863/1-A

Matrix: Water | Lab File ID: z19813.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 09/13/2011 07:53

Sample wt/vol: 1000(mL) | Date Analyzed: 09/14/2011 06:20

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.: 86052 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	10	U	10	0.81
95-57-8	2-Chlorophenol	10	U	10	2.2
95-48-7	2-Methylphenol	10	U	10	1.8
106-44-5	4-Methylphenol	10	U	10	1.6
100-52-7	Benzaldehyde	10	U	10	2.0
98-86-2	Acetophenone	10	U	10	2.7
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.28
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	2.0
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.25
98-95-3	Nitrobenzene	1.0	U	1.0	0.30
67-72-1	Hexachloroethane	1.0	U	1.0	0.25
78-59-1	Isophorone	10	U	10	2.7
88-75-5	2-Nitrophenol	10	U	10	2.4
105-67-9	2,4-Dimethylphenol	10	U	10	3.4
120-83-2	2,4-Dichlorophenol	10	U	10	2.6
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	2.6
91-20-3	Naphthalene	10	U	10	2.7
106-47-8	4-Chloroaniline	10	U	10	2.0
87-68-3	Hexachlorobutadiene	2.0	U	2.0	0.57
105-60-2	Caprolactam	10	U	10	2.5
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.5
91-57-6	2-Methylnaphthalene	10	U	10	3.0
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.29
77-47-4	Hexachlorocyclopentadiene	10	U	10	1.7
88-06-2	2,4,6-Trichlorophenol	10	U	10	2.4
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.6
92-52-4	Diphenyl	10	U	10	2.8
91-58-7	2-Chloronaphthalene	10	U	10	2.7
88-74-4	2-Nitroaniline	20	U	20	4.9
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.61
131-11-3	Dimethyl phthalate	10	U	10	2.8
208-96-8	Acenaphthylene	10	U	10	2.7
99-09-2	3-Nitroaniline	20	U	20	5.0
83-32-9	Acenaphthene	10	U	10	2.7

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-85863/1-A

Matrix: Water | Lab File ID: z19813.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 09/13/2011 07:53

Sample wt/vol: 1000(mL) | Date Analyzed: 09/14/2011 06:20

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.: 86052 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	30	U	30	6.7
51-28-5	2,4-Dinitrophenol	30	U	30	5.4
132-64-9	Dibenzofuran	10	U	10	2.8
84-66-2	Diethyl phthalate	10	U	10	2.9
86-73-7	Fluorene	10	U	10	2.8
206-44-0	Fluoranthene	10	U	10	3.2
84-74-2	Di-n-butyl phthalate	10	U	10	2.9
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.47
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	2.5
100-01-6	4-Nitroaniline	20	U	20	5.8
534-52-1	4,6-Dinitro-2-methylphenol	30	U	30	4.7
101-55-3	4-Bromophenyl phenyl ether	10	U	10	2.5
1912-24-9	Atrazine	10	U	10	3.0
120-12-7	Anthracene	10	U	10	2.8
86-74-8	Carbazole	10	U	10	3.2
85-01-8	Phenanthrene	10	U	10	3.1
87-86-5	Pentachlorophenol	30	U	30	5.3
129-00-0	Pyrene	10	U	10	2.9
218-01-9	Chrysene	10	U	10	3.1
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.26
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.0
205-99-2	Benzo[b]fluoranthene	1.0	U	1.0	0.26
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.14
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.27
86-30-6	N-Nitrosodiphenylamine	10	U	10	2.9
85-68-7	Butyl benzyl phthalate	10	U	10	2.5
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.0
117-84-0	Di-n-octyl phthalate	10	U	10	1.5
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.15
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.090
91-94-1	3,3'-Dichlorobenzidine	20	U	20	4.9
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U	10	2.6
58-90-2	2,3,4,6-Tetrachlorophenol	10	U	10	2.5

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-85863/1-A

Matrix: Water | Lab File ID: z19813.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 09/13/2011 07:53

Sample wt/vol: 1000(mL) | Date Analyzed: 09/14/2011 06:20

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.: 86052 | 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/BNAMS11.i/8270/09-13-11/14sep11a.b/z19813.d
Report Date: 14-Sep-2011 12:31

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-13-11/14sep11a.b/z19813.d
Lab Smp Id: MB 460-85863/1-A
Inj Date : 14-SEP-2011 06:20
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : MB 460-85863/1-A
Misc Info : MB 460-85863/1-A
Comment :
Method : /chem/BNAMS11.i/8270/09-13-11/14sep11a.b/8270C_08SP.m
Meth Date : 14-Sep-2011 03:12 asfawa Quant Type: ISTD
Cal Date : 13-SEP-2011 14:23 Cal File: z19792.d
Als bottle: 10 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	2.838	2.832	(0.691)	425854	23.4719	47
$ 17 Phenol-d5 (SUR)	99	3.744	3.767	(0.911)	304127	15.9572	32
* 79 1,4-Dichlorobenzene-d4	152	4.108	4.114	(1.000)	478157	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.667	4.679	(0.866)	721035	38.9706	78
* 80 Naphthalene-d8	136	5.390	5.396	(1.000)	1707994	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.479	6.485	(0.907)	1087620	37.7190	75
* 82 Acenaphthene-d10	164	7.143	7.149	(1.000)	762066	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.920	7.926	(1.109)	165062	48.9546	98
* 83 Phenanthrene-d10	188	8.602	8.602	(1.000)	928664	40.0000	
$ 78 Terphenyl-d14	244	10.167	10.167	(0.900)	544204	48.5082	97
* 81 Chrysene-d12	240	11.302	11.308	(1.000)	391824	40.0000	
* 84 Perylene-d12	264	13.155	13.161	(1.000)	267287	40.0000	

Data File: /chem/BNAMS11.i/8270/09-13-11/14sep11a.b/z19813.d
Report Date: 14-Sep-2011 12:31

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-13-11/14sep11a.b/z19813.d
Lab Smp Id: MB 460-85863/1-A
Inj Date : 14-SEP-2011 06:20
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : MB 460-85863/1-A
Misc Info : MB 460-85863/1-A
Comment :
Method : /chem/BNAMS11.i/8270/09-13-11/14sep11a.b/8270C_08SP.m
Meth Date : 14-Sep-2011 03:12 asfawa Quant Type: ISTD
Cal Date : 13-SEP-2011 14:23 Cal File: z19792.d
Als bottle: 10 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-h20.sub
Target Version: 3.50
Processing Host: hpd1

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: z19813.d

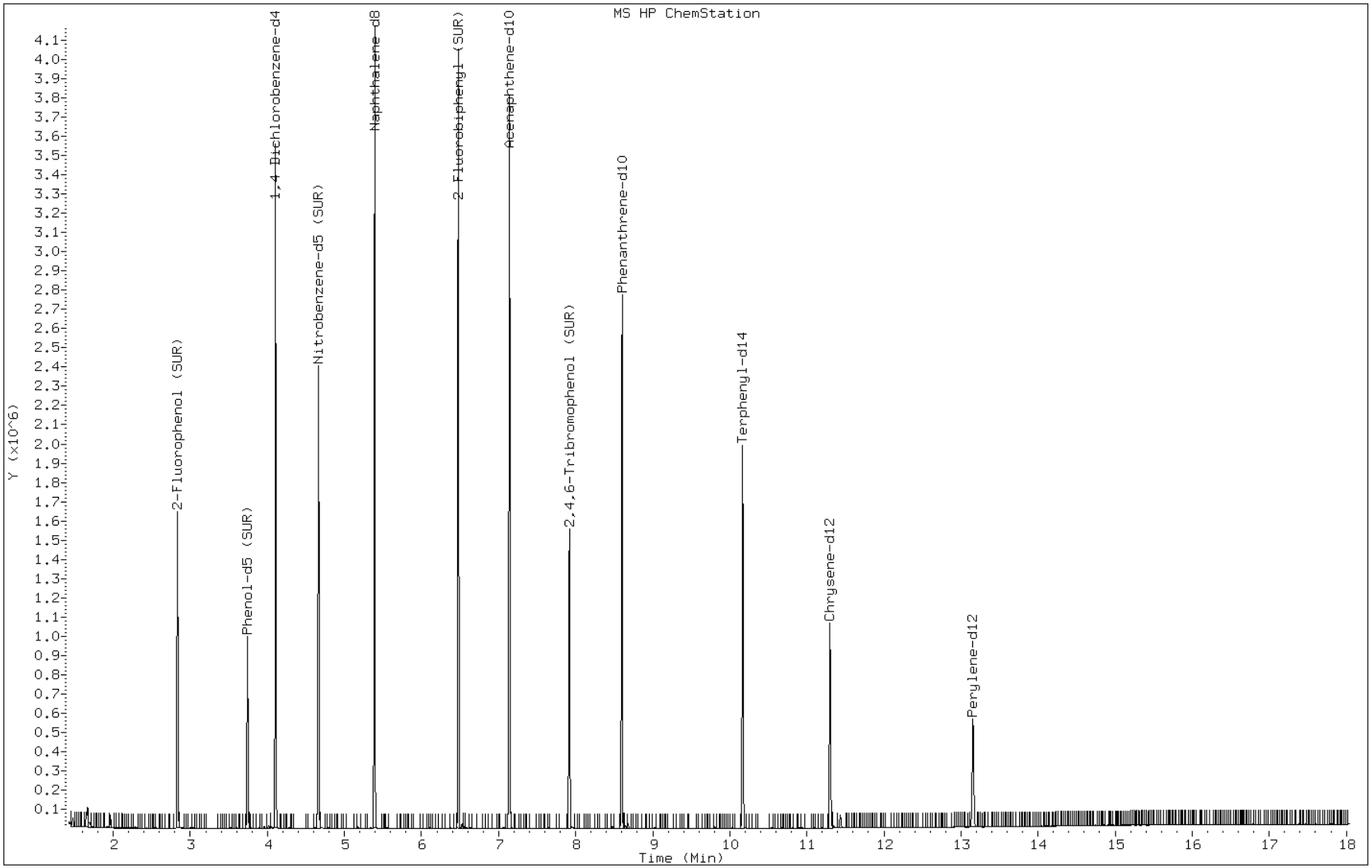
Date: 14-SEP-2011 06:20

Client ID:

Instrument: BNAMS11.i

Sample Info: MB 460-85863/1-A

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-85882/1-A

Matrix: Solid | Lab File ID: u70071.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/13/2011 10:15

Sample wt/vol: 15.00(g) | Date Analyzed: 09/14/2011 03:00

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.: 86039 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	330	U	330	41
95-57-8	2-Chlorophenol	330	U	330	44
95-48-7	2-Methylphenol	330	U	330	48
106-44-5	4-Methylphenol	330	U	330	54
100-52-7	Benzaldehyde	330	U	330	21
98-86-2	Acetophenone	330	U	330	49
111-44-4	Bis(2-chloroethyl)ether	33	U	33	6.9
108-60-1	2,2'-oxybis[1-chloropropane]	330	U	330	43
621-64-7	N-Nitrosodi-n-propylamine	33	U	33	4.4
98-95-3	Nitrobenzene	33	U	33	7.4
67-72-1	Hexachloroethane	33	U	33	5.6
78-59-1	Isophorone	330	U	330	38
88-75-5	2-Nitrophenol	330	U	330	54
105-67-9	2,4-Dimethylphenol	330	U	330	53
120-83-2	2,4-Dichlorophenol	330	U	330	53
111-91-1	Bis(2-chloroethoxy)methane	330	U	330	47
91-20-3	Naphthalene	330	U	330	48
106-47-8	4-Chloroaniline	330	U	330	42
87-68-3	Hexachlorobutadiene	67	U	67	13
105-60-2	Caprolactam	330	U	330	45
59-50-7	4-Chloro-3-methylphenol	330	U	330	56
91-57-6	2-Methylnaphthalene	330	U	330	48
118-74-1	Hexachlorobenzene	33	U	33	4.6
77-47-4	Hexachlorocyclopentadiene	330	U	330	97
88-06-2	2,4,6-Trichlorophenol	330	U	330	59
95-95-4	2,4,5-Trichlorophenol	330	U	330	64
92-52-4	Diphenyl	330	U	330	55
91-58-7	2-Chloronaphthalene	330	U	330	47
88-74-4	2-Nitroaniline	670	U	670	91
606-20-2	2,6-Dinitrotoluene	67	U	67	8.4
131-11-3	Dimethyl phthalate	330	U	330	45
208-96-8	Acenaphthylene	330	U	330	47
99-09-2	3-Nitroaniline	670	U	670	75
83-32-9	Acenaphthene	330	U	330	47

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-85882/1-A

Matrix: Solid | Lab File ID: u70071.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/13/2011 10:15

Sample wt/vol: 15.00(g) | Date Analyzed: 09/14/2011 03:00

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.: 86039 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1000	U	1000	85
51-28-5	2,4-Dinitrophenol	1000	U	1000	70
132-64-9	Dibenzofuran	330	U	330	50
84-66-2	Diethyl phthalate	330	U	330	44
86-73-7	Fluorene	330	U	330	56
206-44-0	Fluoranthene	330	U	330	55
84-74-2	Di-n-butyl phthalate	330	U	330	51
121-14-2	2,4-Dinitrotoluene	67	U	67	9.7
7005-72-3	4-Chlorophenyl phenyl ether	330	U	330	57
100-01-6	4-Nitroaniline	670	U	670	68
534-52-1	4,6-Dinitro-2-methylphenol	1000	U	1000	160
101-55-3	4-Bromophenyl phenyl ether	330	U	330	59
1912-24-9	Atrazine	330	U	330	62
120-12-7	Anthracene	330	U	330	58
86-74-8	Carbazole	330	U	330	53
85-01-8	Phenanthrene	330	U	330	58
87-86-5	Pentachlorophenol	1000	U	1000	160
129-00-0	Pyrene	330	U	330	57
218-01-9	Chrysene	330	U	330	48
207-08-9	Benzo[k]fluoranthene	33	U	33	4.6
191-24-2	Benzo[g,h,i]perylene	330	U	330	35
205-99-2	Benzo[b]fluoranthene	33	U	33	4.9
50-32-8	Benzo[a]pyrene	33	U	33	4.1
56-55-3	Benzo[a]anthracene	33	U	33	6.1
86-30-6	N-Nitrosodiphenylamine	330	U	330	54
85-68-7	Butyl benzyl phthalate	330	U	330	39
117-81-7	Bis(2-ethylhexyl) phthalate	330	U	330	44
117-84-0	Di-n-octyl phthalate	330	U	330	39
193-39-5	Indeno[1,2,3-cd]pyrene	33	U	33	5.3
53-70-3	Dibenz(a,h)anthracene	33	U	33	4.0
91-94-1	3,3'-Dichlorobenzidine	670	U	670	73
95-94-3	1,2,4,5-Tetrachlorobenzene	330	U	330	45
58-90-2	2,3,4,6-Tetrachlorophenol	330	U	330	66

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-85882/1-A

Matrix: Solid Lab File ID: u70071.d

Analysis Method: 8270C Date Collected:

Extract. Method: 3541 Date Extracted: 09/13/2011 10:15

Sample wt/vol: 15.00(g) Date Analyzed: 09/14/2011 03:00

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.: 86039 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	69		38-105
4165-62-2	Phenol-d5	68		41-118
1718-51-0	Terphenyl-d14	65		16-151
118-79-6	2,4,6-Tribromophenol	34		10-120
367-12-4	2-Fluorophenol	69		37-125
321-60-8	2-Fluorobiphenyl	70		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-85882/1-A

Matrix: Solid | Lab File ID: u70071.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/13/2011 10:15

Sample wt/vol: 15.00(g) | Date Analyzed: 09/14/2011 03:00

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.: 86039 | Units: ug/Kg

Number TICs Found: 1 | TIC Result Total: 8800

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Aldol Condensate	2.32	8800	A J

Data File: /chem/BNAMS4.i/8270T/09-06-11/13sep11a.b/u70071.d
Report Date: 14-Sep-2011 09:23

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/09-06-11/13sep11a.b/u70071.d
Lab Smp Id: MB 460-85882/1-A
Inj Date : 14-SEP-2011 03:00
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : MB 460-85882/1-A
Misc Info : MB 460-85882/1-A
Comment :
Method : /chem/BNAMS4.i/8270T/09-06-11/13sep11a.b/8270C_08SP.m
Meth Date : 14-Sep-2011 00:25 asfawa Quant Type: ISTD
Cal Date : 06-SEP-2011 18:34 Cal File: u69912.d
Als bottle: 9 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	2.602	2.576	(0.679)	920891	69.0391	4600
$ 17 Phenol-d5 (SUR)	99	3.511	3.522	(0.916)	1435535	68.2451	4500
* 79 1,4-Dichlorobenzene-d4	152	3.834	3.841	(1.000)	365869	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.405	4.424	(0.860)	727970	34.4539	2300
* 80 Naphthalene-d8	136	5.123	5.135	(1.000)	1294784	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.217	6.230	(0.904)	910435	34.7718	2300
* 82 Acenaphthene-d10	164	6.878	6.888	(1.000)	835406	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.658	7.671	(1.113)	198566	34.0735	2300
* 83 Phenanthrene-d10	188	8.335	8.337	(1.000)	1196709	40.0000	
$ 78 Terphenyl-d14	244	9.897	9.898	(0.901)	911849	32.3014	2200
* 81 Chrysene-d12	240	10.984	10.989	(1.000)	890001	40.0000	
* 84 Perylene-d12	264	12.769	12.775	(1.000)	614070	40.0000	

Data File: /chem/BNAMS4.i/8270T/09-06-11/13sep11a.b/u70071.d
Report Date: 14-Sep-2011 09:23

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/09-06-11/13sep11a.b/u70071.d
Lab Smp Id: MB 460-85882/1-A
Inj Date : 14-SEP-2011 03:00
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : MB 460-85882/1-A
Misc Info : MB 460-85882/1-A
Comment :
Method : /chem/BNAMS4.i/8270T/09-06-11/13sep11a.b/8270C_08SP.m
Meth Date : 14-Sep-2011 00:25 asfawa Quant Type: ISTD
Cal Date : 06-SEP-2011 18:34 Cal File: u69912.d
Als bottle: 9 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

ISTD	RT	AREA	AMOUNT
* 79 1,4-Dichlorobenzene-d4	3.834	2545747	40.000

	CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Aldol Condensate					CAS #:		
2.317	8398854	131.966805	8800	0		0	79

Data File: u70071.d

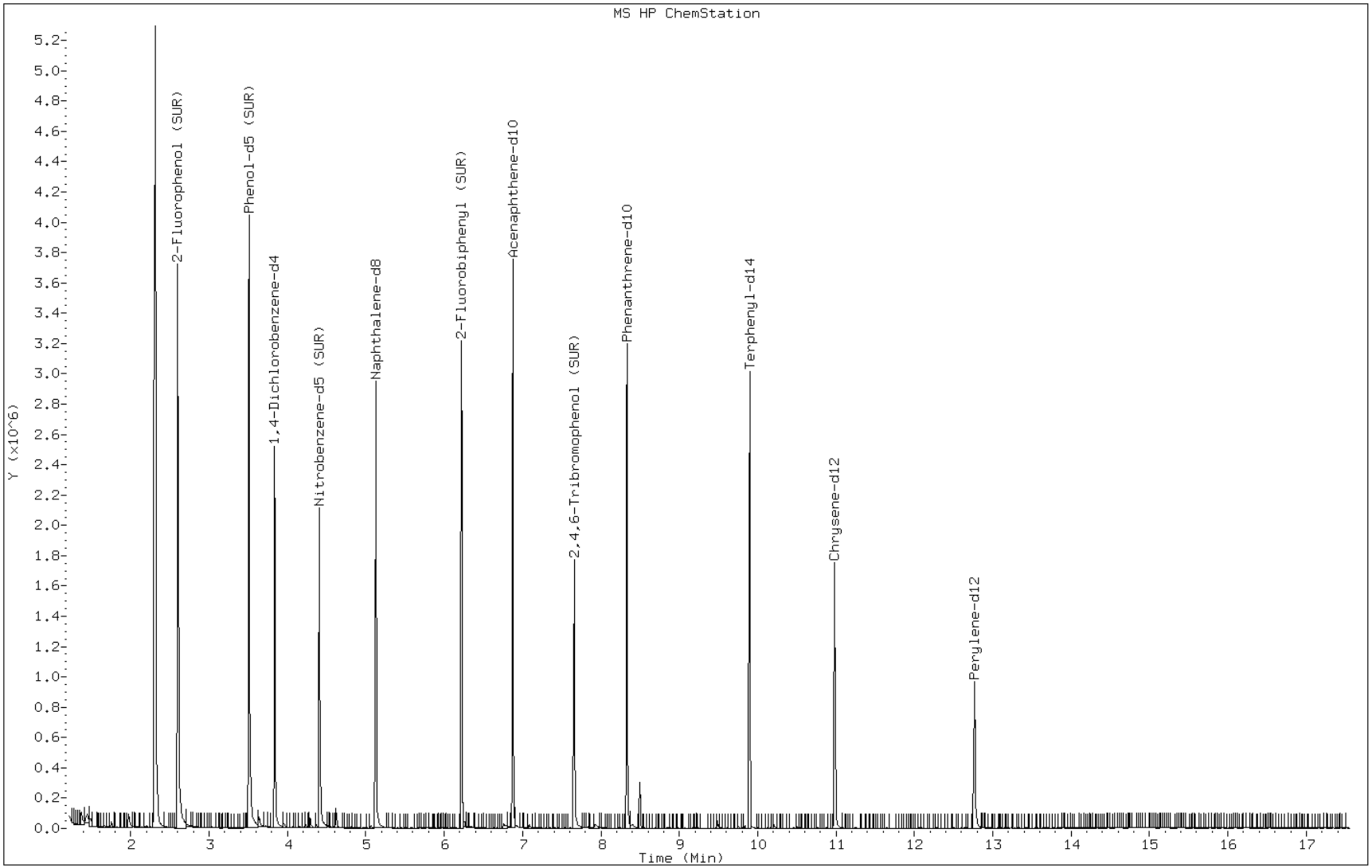
Date: 14-SEP-2011 03:00

Client ID:

Instrument: BNAMS4.i

Sample Info: MB 460-85882/1-A

Operator: BNAMS 4



Data File: u70071.d

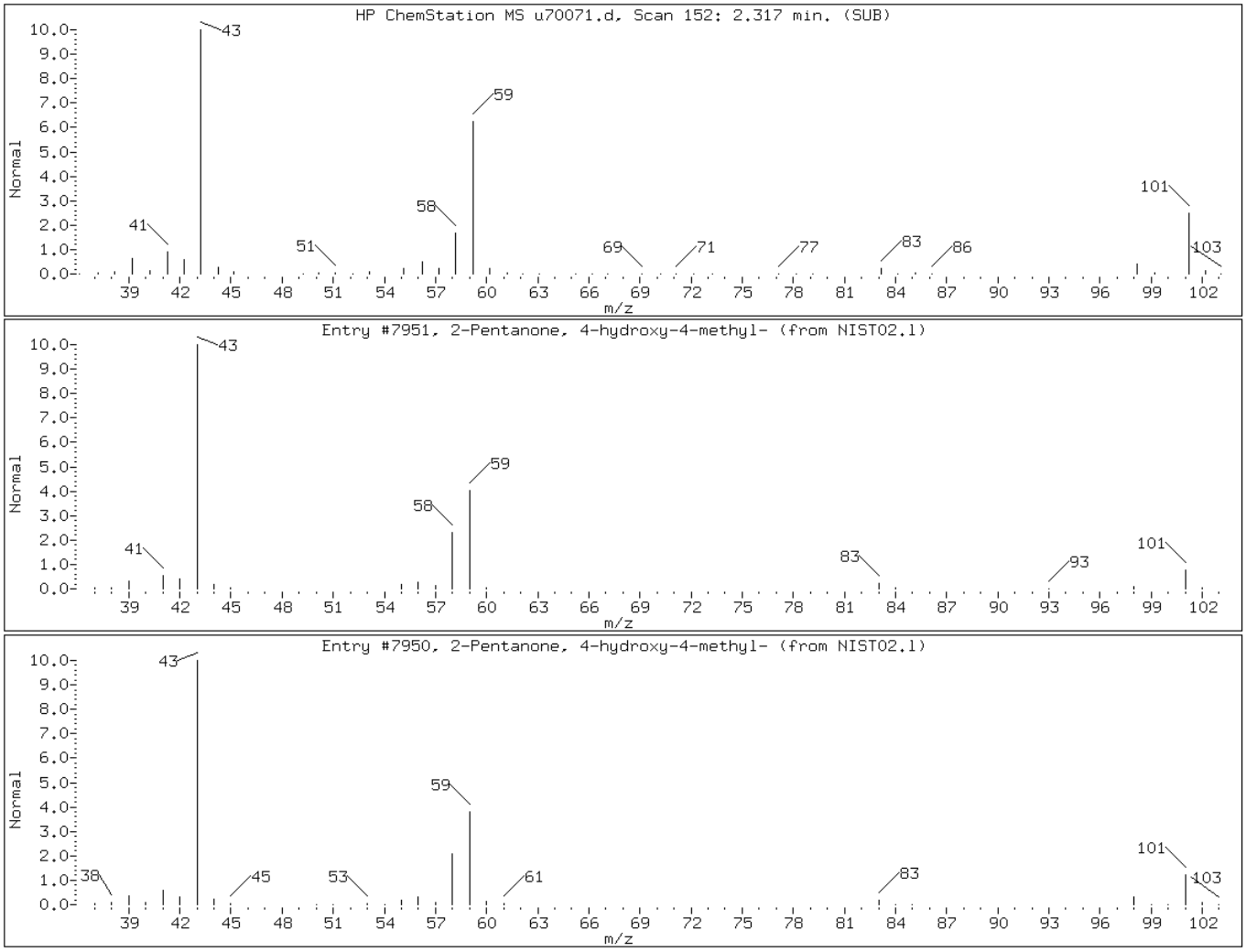
Date: 14-SEP-2011 03:00

Client ID: Instrument: BNAMS4.i

Sample Info: MB 460-85882/1-A Operator: BNAMS 4

Retention Time: 2.32

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	56	C6H12O2	116
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NIST02.l	7950	40	C6H12O2	116



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-86273/1-A

Matrix: Solid | Lab File ID: p19354.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/16/2011 07:35

Sample wt/vol: 15.00(g) | Date Analyzed: 09/17/2011 07:57

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.: 86513 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	330	U	330	41
95-57-8	2-Chlorophenol	330	U	330	44
95-48-7	2-Methylphenol	330	U	330	48
106-44-5	4-Methylphenol	330	U	330	54
100-52-7	Benzaldehyde	330	U	330	21
98-86-2	Acetophenone	330	U	330	49
111-44-4	Bis(2-chloroethyl)ether	33	U	33	6.9
108-60-1	2,2'-oxybis[1-chloropropane]	330	U	330	43
621-64-7	N-Nitrosodi-n-propylamine	33	U	33	4.4
98-95-3	Nitrobenzene	33	U	33	7.4
67-72-1	Hexachloroethane	33	U	33	5.6
78-59-1	Isophorone	330	U	330	38
88-75-5	2-Nitrophenol	330	U	330	54
105-67-9	2,4-Dimethylphenol	330	U	330	53
120-83-2	2,4-Dichlorophenol	330	U	330	53
111-91-1	Bis(2-chloroethoxy)methane	330	U	330	47
91-20-3	Naphthalene	330	U	330	48
106-47-8	4-Chloroaniline	330	U	330	42
87-68-3	Hexachlorobutadiene	67	U	67	13
105-60-2	Caprolactam	330	U	330	45
59-50-7	4-Chloro-3-methylphenol	330	U	330	56
91-57-6	2-Methylnaphthalene	330	U	330	48
118-74-1	Hexachlorobenzene	33	U	33	4.6
77-47-4	Hexachlorocyclopentadiene	330	U	330	97
88-06-2	2,4,6-Trichlorophenol	330	U	330	59
95-95-4	2,4,5-Trichlorophenol	330	U	330	64
92-52-4	Diphenyl	330	U	330	55
91-58-7	2-Chloronaphthalene	330	U	330	47
88-74-4	2-Nitroaniline	670	U	670	91
606-20-2	2,6-Dinitrotoluene	67	U	67	8.4
131-11-3	Dimethyl phthalate	330	U	330	45
208-96-8	Acenaphthylene	330	U	330	47
99-09-2	3-Nitroaniline	670	U	670	75
83-32-9	Acenaphthene	330	U	330	47

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-86273/1-A

Matrix: Solid | Lab File ID: p19354.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/16/2011 07:35

Sample wt/vol: 15.00(g) | Date Analyzed: 09/17/2011 07:57

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.: 86513 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1000	U	1000	85
51-28-5	2,4-Dinitrophenol	1000	U	1000	70
132-64-9	Dibenzofuran	330	U	330	50
84-66-2	Diethyl phthalate	330	U	330	44
86-73-7	Fluorene	330	U	330	56
206-44-0	Fluoranthene	330	U	330	55
84-74-2	Di-n-butyl phthalate	330	U	330	51
121-14-2	2,4-Dinitrotoluene	67	U	67	9.7
7005-72-3	4-Chlorophenyl phenyl ether	330	U	330	57
100-01-6	4-Nitroaniline	670	U	670	68
534-52-1	4,6-Dinitro-2-methylphenol	1000	U	1000	160
101-55-3	4-Bromophenyl phenyl ether	330	U	330	59
1912-24-9	Atrazine	330	U	330	62
120-12-7	Anthracene	330	U	330	58
86-74-8	Carbazole	330	U	330	53
85-01-8	Phenanthrene	330	U	330	58
87-86-5	Pentachlorophenol	1000	U	1000	160
129-00-0	Pyrene	330	U	330	57
218-01-9	Chrysene	330	U	330	48
207-08-9	Benzo[k]fluoranthene	33	U	33	4.6
191-24-2	Benzo[g,h,i]perylene	330	U	330	35
205-99-2	Benzo[b]fluoranthene	33	U	33	4.9
50-32-8	Benzo[a]pyrene	33	U	33	4.1
56-55-3	Benzo[a]anthracene	33	U	33	6.1
86-30-6	N-Nitrosodiphenylamine	330	U	330	54
85-68-7	Butyl benzyl phthalate	330	U	330	39
117-81-7	Bis(2-ethylhexyl) phthalate	330	U	330	44
117-84-0	Di-n-octyl phthalate	330	U	330	39
193-39-5	Indeno[1,2,3-cd]pyrene	33	U	33	5.3
53-70-3	Dibenz(a,h)anthracene	33	U	33	4.0
91-94-1	3,3'-Dichlorobenzidine	670	U	670	73
95-94-3	1,2,4,5-Tetrachlorobenzene	330	U	330	45
58-90-2	2,3,4,6-Tetrachlorophenol	330	U	330	66

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-86273/1-A

Matrix: Solid Lab File ID: p19354.d

Analysis Method: 8270C Date Collected:

Extract. Method: 3541 Date Extracted: 09/16/2011 07:35

Sample wt/vol: 15.00(g) Date Analyzed: 09/17/2011 07:57

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.: 86513 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	92		38-105
4165-62-2	Phenol-d5	86		41-118
1718-51-0	Terphenyl-d14	96		16-151
118-79-6	2,4,6-Tribromophenol	93		10-120
367-12-4	2-Fluorophenol	87		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.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-86273/1-A

Matrix: Solid | Lab File ID: p19354.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/16/2011 07:35

Sample wt/vol: 15.00(g) | Date Analyzed: 09/17/2011 07:57

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.: 86513 | Units: ug/Kg

Number TICs Found: 1 | TIC Result Total: 6580

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Aldol Condensate	2.74	6580	A J

Data File: /chem/BNAMS10.i/8270/09-17-11/17sep11.b/p19354.d
Report Date: 18-Sep-2011 00:32

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/09-17-11/17sep11.b/p19354.d
Lab Smp Id: MB 460-86273/1-A
Inj Date : 17-SEP-2011 07:57
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : MB 460-86273/1-A
Misc Info :
Comment :
Method : /chem/BNAMS10.i/8270/09-17-11/17sep11.b/8270C_08SP.m
Meth Date : 17-Sep-2011 07:21 asfawa Quant Type: ISTD
Cal Date : 17-SEP-2011 05:31 Cal File: p19351.d
Als bottle: 11 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	3.059	3.030	(0.687)	1088636	87.4966	5800
$ 17 Phenol-d5 (SUR)	99	4.064	4.058	(0.913)	1331456	86.0227	5700
* 79 1,4-Dichlorobenzene-d4	152	4.452	4.446	(1.000)	403715	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	5.045	5.045	(0.868)	723094	46.0687	3100
* 80 Naphthalene-d8	136	5.809	5.809	(1.000)	1337831	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.931	6.931	(0.912)	1183357	46.0149	3100
* 82 Acenaphthene-d10	164	7.601	7.607	(1.000)	746511	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.389	8.389	(1.104)	312305	92.5245	6200
* 83 Phenanthrene-d10	188	9.070	9.070	(1.000)	1059867	40.0000	
$ 78 Terphenyl-d14	244	10.645	10.645	(0.904)	925265	48.0340	3200
* 81 Chrysene-d12	240	11.779	11.779	(1.000)	716099	40.0000	
* 84 Perylene-d12	264	13.636	13.641	(1.000)	598101	40.0000	

Data File: /chem/BNAMS10.i/8270/09-17-11/17sep11.b/p19354.d
Report Date: 18-Sep-2011 00:32

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/09-17-11/17sep11.b/p19354.d
Lab Smp Id: MB 460-86273/1-A
Inj Date : 17-SEP-2011 07:57
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : MB 460-86273/1-A
Misc Info :
Comment :
Method : /chem/BNAMS10.i/8270/09-17-11/17sep11.b/8270C_08SP.m
Meth Date : 17-Sep-2011 07:21 asfawa Quant Type: ISTD
Cal Date : 17-SEP-2011 05:31 Cal File: p19351.d
Als bottle: 11 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

ISTD	RT	AREA	AMOUNT
* 79 1,4-Dichlorobenzene-d4	4.452	2755757	40.000

	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Aldol Condensate					CAS #:		
2.736	6797848	98.6712277	6600	0		0	79

Data File: p19354.d

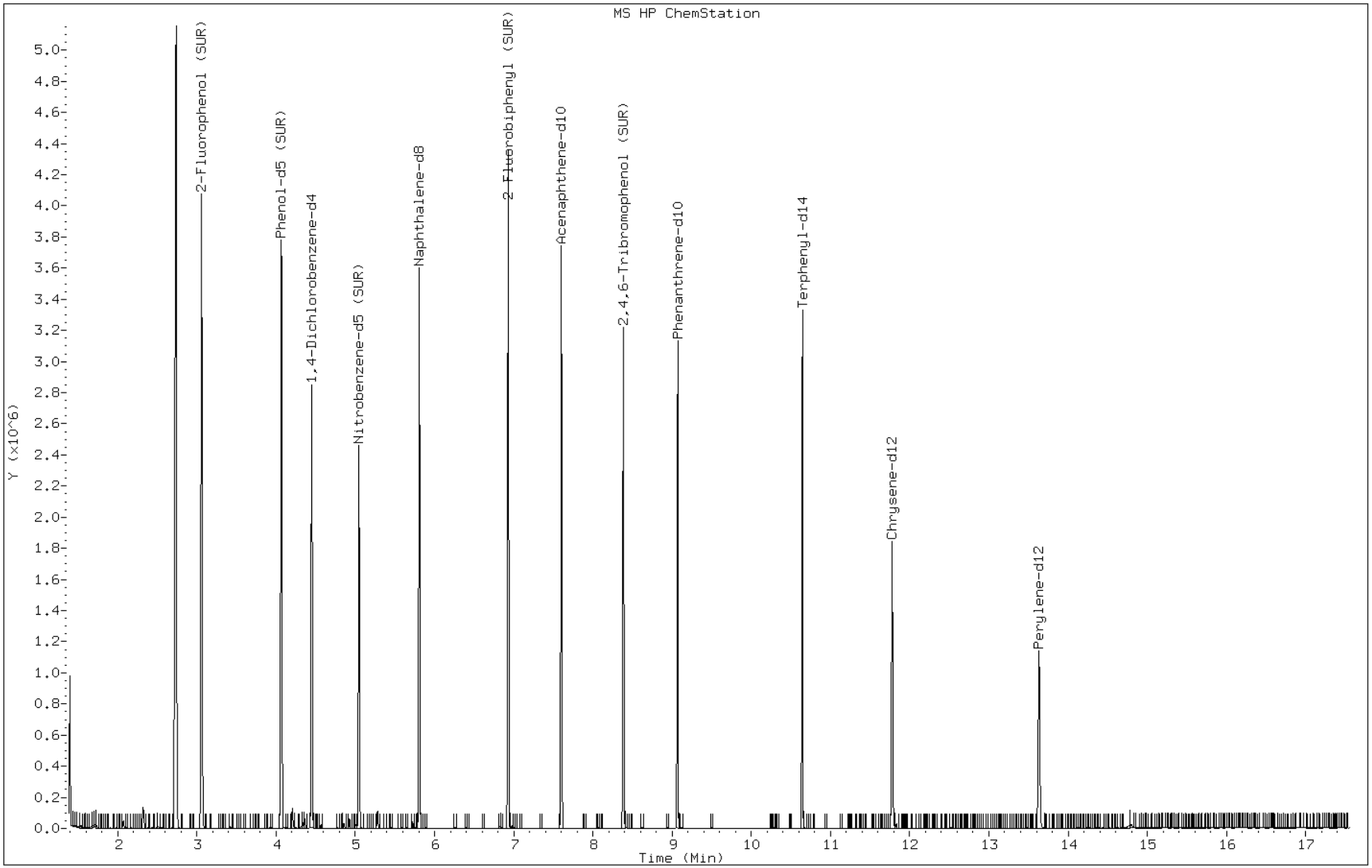
Date: 17-SEP-2011 07:57

Client ID:

Instrument: BNAMS10.i

Sample Info: MB 460-86273/1-A

Operator: BNAMS 4



Data File: p19354.d

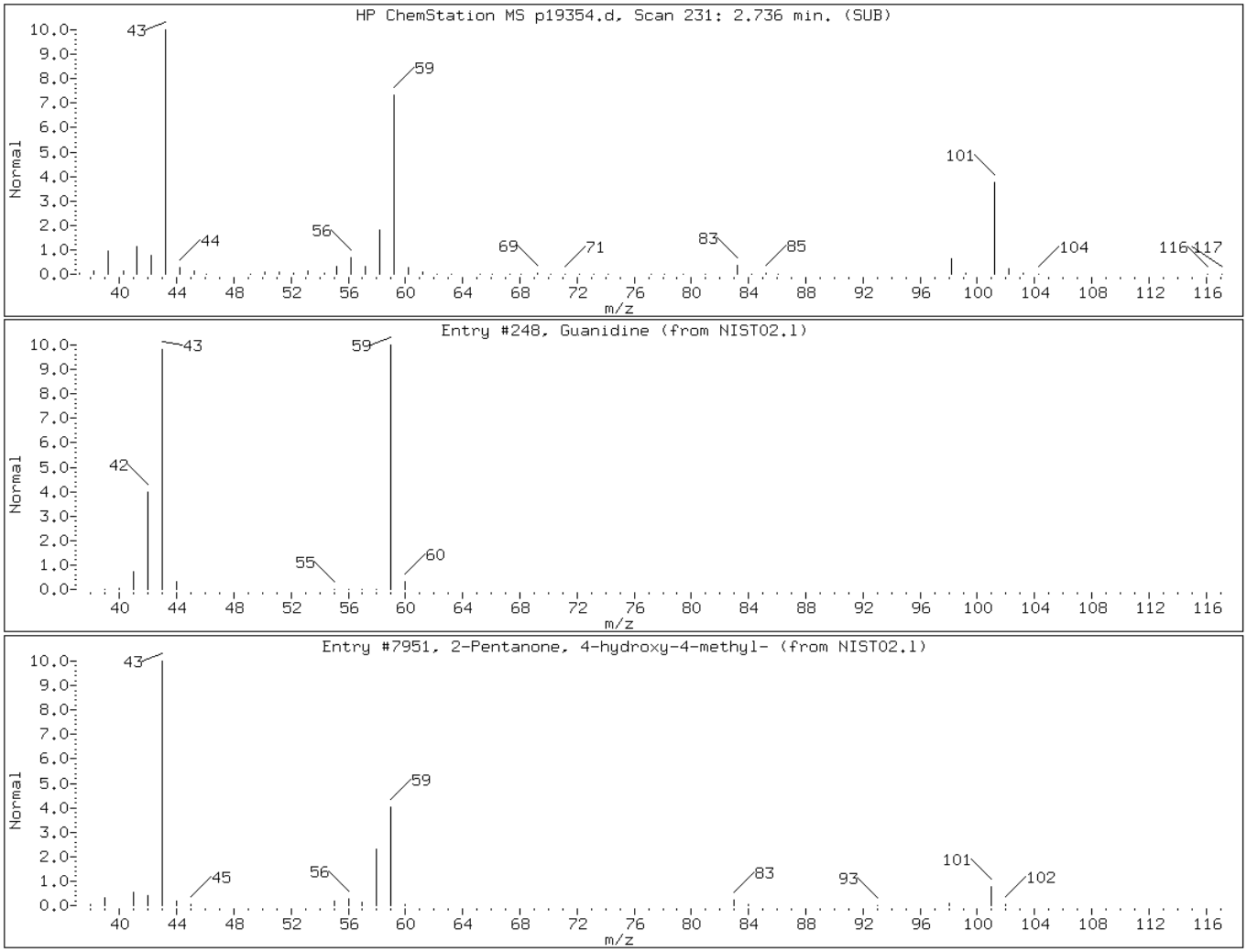
Date: 17-SEP-2011 07:57

Client ID: Instrument: BNAMS10.i

Sample Info: MB 460-86273/1-A Operator: BNAMS 4

Retention Time: 2.74

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aldol Condensate						
Guanidine	113-00-8	NIST02.l	248	50	CH5N3	59
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NIST02.l	7951	40	C6H12O2	116



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-86534/1-A

Matrix: Solid | Lab File ID: u70285.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/19/2011 12:00

Sample wt/vol: 15.00(g) | Date Analyzed: 09/21/2011 02:11

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.: 86807 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	330	U	330	41
95-57-8	2-Chlorophenol	330	U	330	44
95-48-7	2-Methylphenol	330	U	330	48
106-44-5	4-Methylphenol	330	U	330	54
100-52-7	Benzaldehyde	330	U	330	21
98-86-2	Acetophenone	330	U	330	49
111-44-4	Bis(2-chloroethyl)ether	33	U	33	6.9
108-60-1	2,2'-oxybis[1-chloropropane]	330	U	330	43
621-64-7	N-Nitrosodi-n-propylamine	33	U	33	4.4
98-95-3	Nitrobenzene	33	U	33	7.4
67-72-1	Hexachloroethane	33	U	33	5.6
78-59-1	Isophorone	330	U	330	38
88-75-5	2-Nitrophenol	330	U	330	54
105-67-9	2,4-Dimethylphenol	330	U	330	53
120-83-2	2,4-Dichlorophenol	330	U	330	53
111-91-1	Bis(2-chloroethoxy)methane	330	U	330	47
91-20-3	Naphthalene	330	U	330	48
106-47-8	4-Chloroaniline	330	U	330	42
87-68-3	Hexachlorobutadiene	67	U	67	13
105-60-2	Caprolactam	330	U	330	45
59-50-7	4-Chloro-3-methylphenol	330	U	330	56
91-57-6	2-Methylnaphthalene	330	U	330	48
118-74-1	Hexachlorobenzene	33	U	33	4.6
77-47-4	Hexachlorocyclopentadiene	330	U	330	97
88-06-2	2,4,6-Trichlorophenol	330	U	330	59
95-95-4	2,4,5-Trichlorophenol	330	U	330	64
92-52-4	Diphenyl	330	U	330	55
91-58-7	2-Chloronaphthalene	330	U	330	47
88-74-4	2-Nitroaniline	670	U	670	91
606-20-2	2,6-Dinitrotoluene	67	U	67	8.4
131-11-3	Dimethyl phthalate	330	U	330	45
208-96-8	Acenaphthylene	330	U	330	47
99-09-2	3-Nitroaniline	670	U	670	75
83-32-9	Acenaphthene	330	U	330	47

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-86534/1-A

Matrix: Solid | Lab File ID: u70285.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/19/2011 12:00

Sample wt/vol: 15.00(g) | Date Analyzed: 09/21/2011 02:11

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.: 86807 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1000	U	1000	85
51-28-5	2,4-Dinitrophenol	1000	U	1000	70
132-64-9	Dibenzofuran	330	U	330	50
84-66-2	Diethyl phthalate	330	U	330	44
86-73-7	Fluorene	330	U	330	56
206-44-0	Fluoranthene	330	U	330	55
84-74-2	Di-n-butyl phthalate	330	U	330	51
121-14-2	2,4-Dinitrotoluene	67	U	67	9.7
7005-72-3	4-Chlorophenyl phenyl ether	330	U	330	57
100-01-6	4-Nitroaniline	670	U	670	68
534-52-1	4,6-Dinitro-2-methylphenol	1000	U	1000	160
101-55-3	4-Bromophenyl phenyl ether	330	U	330	59
1912-24-9	Atrazine	330	U	330	62
120-12-7	Anthracene	330	U	330	58
86-74-8	Carbazole	330	U	330	53
85-01-8	Phenanthrene	330	U	330	58
87-86-5	Pentachlorophenol	1000	U	1000	160
129-00-0	Pyrene	330	U	330	57
218-01-9	Chrysene	330	U	330	48
207-08-9	Benzo[k]fluoranthene	33	U	33	4.6
191-24-2	Benzo[g,h,i]perylene	330	U	330	35
205-99-2	Benzo[b]fluoranthene	33	U	33	4.9
50-32-8	Benzo[a]pyrene	33	U	33	4.1
56-55-3	Benzo[a]anthracene	33	U	33	6.1
86-30-6	N-Nitrosodiphenylamine	330	U	330	54
85-68-7	Butyl benzyl phthalate	330	U	330	39
117-81-7	Bis(2-ethylhexyl) phthalate	330	U	330	44
117-84-0	Di-n-octyl phthalate	330	U	330	39
193-39-5	Indeno[1,2,3-cd]pyrene	33	U	33	5.3
53-70-3	Dibenz(a,h)anthracene	33	U	33	4.0
91-94-1	3,3'-Dichlorobenzidine	670	U	670	73
95-94-3	1,2,4,5-Tetrachlorobenzene	330	U	330	45
58-90-2	2,3,4,6-Tetrachlorophenol	330	U	330	66

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-86534/1-A

Matrix: Solid | Lab File ID: u70285.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/19/2011 12:00

Sample wt/vol: 15.00(g) | Date Analyzed: 09/21/2011 02:11

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.: 86807 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	74		38-105
4165-62-2	Phenol-d5	72		41-118
1718-51-0	Terphenyl-d14	56		16-151
118-79-6	2,4,6-Tribromophenol	71		10-120
367-12-4	2-Fluorophenol	65		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.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-86534/1-A

Matrix: Solid | Lab File ID: u70285.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/19/2011 12:00

Sample wt/vol: 15.00(g) | Date Analyzed: 09/21/2011 02:11

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.: 86807 | Units: ug/Kg

Number TICs Found: 1 | TIC Result Total: 8540

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Aldol Condensate	2.11	8540	A J

Data File: /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/u70285.d
Report Date: 21-Sep-2011 09:02

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/u70285.d
Lab Smp Id: MB 460-86534/1-A
Inj Date : 21-SEP-2011 02:11
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : MB 460-86534/1-A
Misc Info :
Comment :
Method : /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/8270C_08SP.m
Meth Date : 21-Sep-2011 00:28 asfawa Quant Type: ISTD
Cal Date : 20-SEP-2011 14:32 Cal File: u70276.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	2.393	2.382	(0.662)	462939	65.2286	4300
$ 17 Phenol-d5 (SUR)	99	3.291	3.312	(0.911)	762913	72.0561	4800
* 79 1,4-Dichlorobenzene-d4	152	3.614	3.622	(1.000)	197192	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.193	4.211	(0.854)	385654	37.1171	2500
* 80 Naphthalene-d8	136	4.912	4.921	(1.000)	686457	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.009	6.019	(0.902)	514203	37.5309	2500
* 82 Acenaphthene-d10	164	6.662	6.671	(1.000)	452285	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.442	7.450	(1.117)	180928	71.0192	4700
* 83 Phenanthrene-d10	188	8.110	8.114	(1.000)	667236	40.0000	
$ 78 Terphenyl-d14	244	9.678	9.680	(0.902)	541475	28.0594	1900
* 81 Chrysene-d12	240	10.727	10.734	(1.000)	586664	40.0000	
* 84 Perylene-d12	264	12.447	12.445	(1.000)	327349	40.0000	

Data File: /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/u70285.d
Report Date: 21-Sep-2011 09:02

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/u70285.d
Lab Smp Id: MB 460-86534/1-A
Inj Date : 21-SEP-2011 02:11
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : MB 460-86534/1-A
Misc Info :
Comment :
Method : /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/8270C_08SP.m
Meth Date : 21-Sep-2011 00:28 asfawa Quant Type: ISTD
Cal Date : 20-SEP-2011 14:32 Cal File: u70276.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

ISTD	RT	AREA	AMOUNT
* 79 1,4-Dichlorobenzene-d4	3.614	1359682	40.000

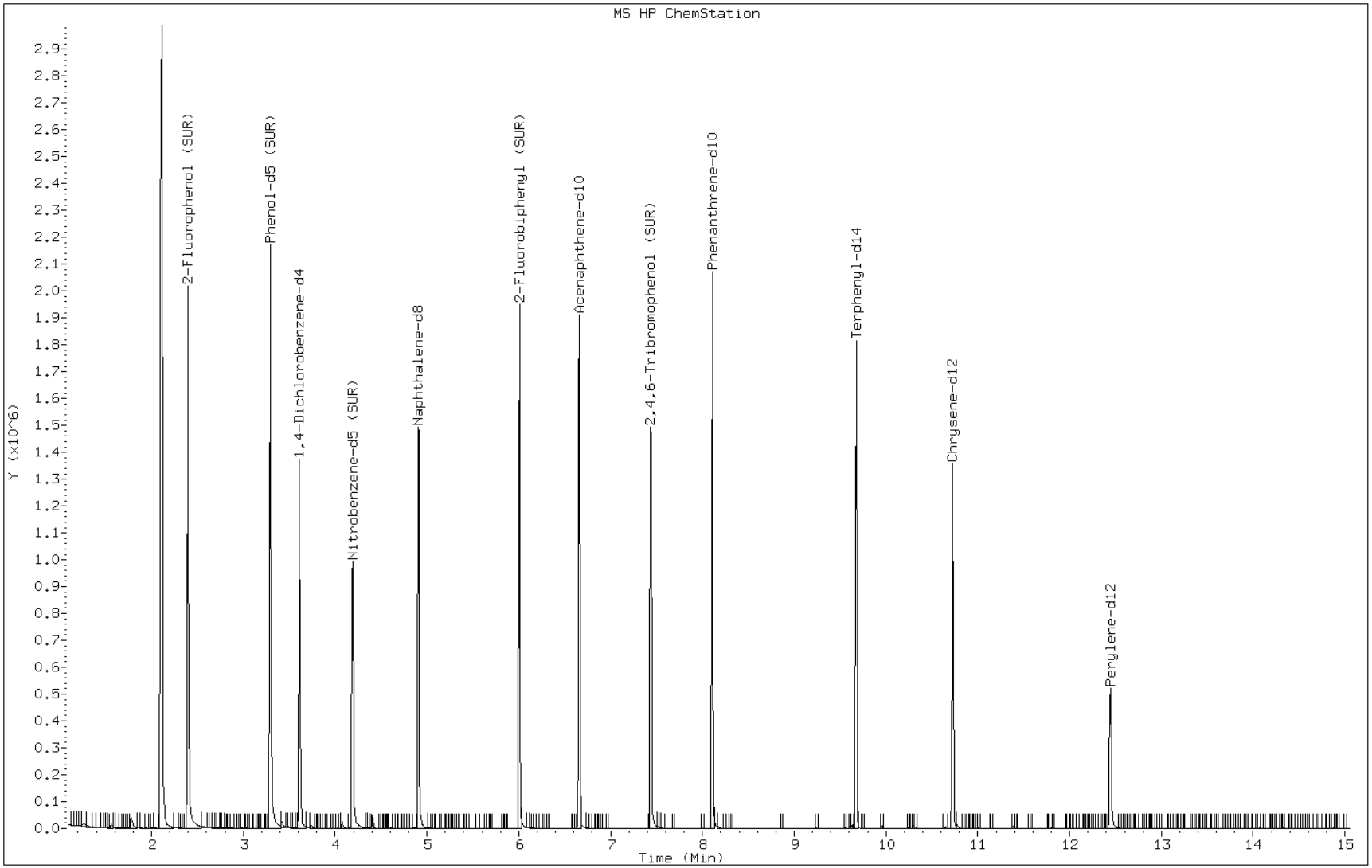
	CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Aldol Condensate					CAS #:		
2.113	4353580	128.076412	8500	0		0	79

Data File: u70285.d

Date: 21-SEP-2011 02:11

Client ID: Instrument: BNAMS4.i

Sample Info: MB 460-86534/1-A Operator: BNAMS 4



Data File: u70285.d

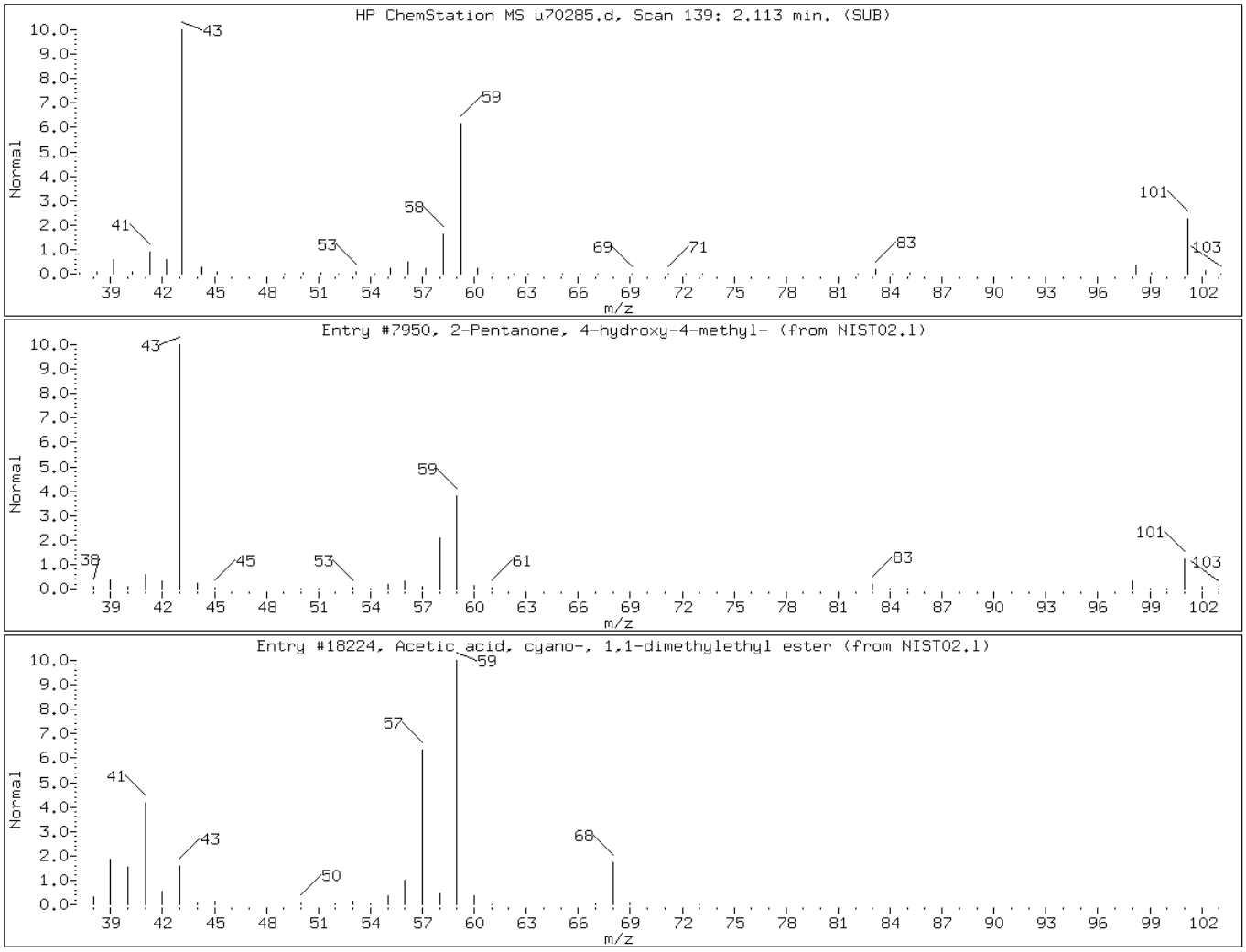
Date: 21-SEP-2011 02:11

Client ID: Instrument: BNAMS4.i

Sample Info: MB 460-86534/1-A Operator: BNAMS 4

Retention Time: 2.11

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	40	C6H12O2	116
Acetic acid, cyano-, 1,1-dimethyle	1116-98-9	NIST02.l	18224	25	C7H11NO2	141



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-86659/1-A

Matrix: Solid | Lab File ID: z10023.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/20/2011 13:00

Sample wt/vol: 15.00(g) | Date Analyzed: 09/21/2011 01:48

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.: 86827 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	330	U	330	41
95-57-8	2-Chlorophenol	330	U	330	44
95-48-7	2-Methylphenol	330	U	330	48
106-44-5	4-Methylphenol	330	U	330	54
100-52-7	Benzaldehyde	330	U	330	21
98-86-2	Acetophenone	330	U	330	49
111-44-4	Bis(2-chloroethyl)ether	33	U	33	6.9
108-60-1	2,2'-oxybis[1-chloropropane]	330	U	330	43
621-64-7	N-Nitrosodi-n-propylamine	33	U	33	4.4
98-95-3	Nitrobenzene	33	U	33	7.4
67-72-1	Hexachloroethane	33	U	33	5.6
78-59-1	Isophorone	330	U	330	38
88-75-5	2-Nitrophenol	330	U	330	54
105-67-9	2,4-Dimethylphenol	330	U	330	53
120-83-2	2,4-Dichlorophenol	330	U	330	53
111-91-1	Bis(2-chloroethoxy)methane	330	U	330	47
91-20-3	Naphthalene	330	U	330	48
106-47-8	4-Chloroaniline	330	U	330	42
87-68-3	Hexachlorobutadiene	67	U	67	13
105-60-2	Caprolactam	330	U	330	45
59-50-7	4-Chloro-3-methylphenol	330	U	330	56
91-57-6	2-Methylnaphthalene	330	U	330	48
118-74-1	Hexachlorobenzene	33	U	33	4.6
77-47-4	Hexachlorocyclopentadiene	330	U	330	97
88-06-2	2,4,6-Trichlorophenol	330	U	330	59
95-95-4	2,4,5-Trichlorophenol	330	U	330	64
92-52-4	Diphenyl	330	U	330	55
91-58-7	2-Chloronaphthalene	330	U	330	47
88-74-4	2-Nitroaniline	670	U	670	91
606-20-2	2,6-Dinitrotoluene	67	U	67	8.4
131-11-3	Dimethyl phthalate	330	U	330	45
208-96-8	Acenaphthylene	330	U	330	47
99-09-2	3-Nitroaniline	670	U	670	75
83-32-9	Acenaphthene	330	U	330	47

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-86659/1-A

Matrix: Solid | Lab File ID: z10023.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/20/2011 13:00

Sample wt/vol: 15.00(g) | Date Analyzed: 09/21/2011 01:48

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.: 86827 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1000	U	1000	85
51-28-5	2,4-Dinitrophenol	1000	U	1000	70
132-64-9	Dibenzofuran	330	U	330	50
84-66-2	Diethyl phthalate	330	U	330	44
86-73-7	Fluorene	330	U	330	56
206-44-0	Fluoranthene	330	U	330	55
84-74-2	Di-n-butyl phthalate	330	U	330	51
121-14-2	2,4-Dinitrotoluene	67	U	67	9.7
7005-72-3	4-Chlorophenyl phenyl ether	330	U	330	57
100-01-6	4-Nitroaniline	670	U	670	68
534-52-1	4,6-Dinitro-2-methylphenol	1000	U	1000	160
101-55-3	4-Bromophenyl phenyl ether	330	U	330	59
1912-24-9	Atrazine	330	U	330	62
120-12-7	Anthracene	330	U	330	58
86-74-8	Carbazole	330	U	330	53
85-01-8	Phenanthrene	330	U	330	58
87-86-5	Pentachlorophenol	1000	U	1000	160
129-00-0	Pyrene	330	U	330	57
218-01-9	Chrysene	330	U	330	48
207-08-9	Benzo[k]fluoranthene	33	U	33	4.6
191-24-2	Benzo[g,h,i]perylene	330	U	330	35
205-99-2	Benzo[b]fluoranthene	33	U	33	4.9
50-32-8	Benzo[a]pyrene	33	U	33	4.1
56-55-3	Benzo[a]anthracene	33	U	33	6.1
86-30-6	N-Nitrosodiphenylamine	330	U	330	54
85-68-7	Butyl benzyl phthalate	330	U	330	39
117-81-7	Bis(2-ethylhexyl) phthalate	330	U	330	44
117-84-0	Di-n-octyl phthalate	330	U	330	39
193-39-5	Indeno[1,2,3-cd]pyrene	33	U	33	5.3
53-70-3	Dibenz(a,h)anthracene	33	U	33	4.0
91-94-1	3,3'-Dichlorobenzidine	670	U	670	73
95-94-3	1,2,4,5-Tetrachlorobenzene	330	U	330	45
58-90-2	2,3,4,6-Tetrachlorophenol	330	U	330	66

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-86659/1-A

Matrix: Solid | Lab File ID: z10023.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/20/2011 13:00

Sample wt/vol: 15.00(g) | Date Analyzed: 09/21/2011 01:48

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.: 86827 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	80		38-105
4165-62-2	Phenol-d5	79		41-118
1718-51-0	Terphenyl-d14	102		16-151
118-79-6	2,4,6-Tribromophenol	54		10-120
367-12-4	2-Fluorophenol	69		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.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-86659/1-A

Matrix: Solid | Lab File ID: z10023.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/20/2011 13:00

Sample wt/vol: 15.00(g) | Date Analyzed: 09/21/2011 01:48

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.: 86827 | Units: ug/Kg

Number TICs Found: 1 | TIC Result Total: 9220

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Aldol Condensate	2.39	9220	A J

Data File: /chem/BNAMS11.i/8270/09-13-11/20sep11a.b/z10023.d
Report Date: 21-Sep-2011 10:29

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-13-11/20sep11a.b/z10023.d
Lab Smp Id: MB 460-86659/1-A
Inj Date : 21-SEP-2011 01:48
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : MB 460-86659/1-A
Misc Info :
Comment :
Method : /chem/BNAMS11.i/8270/09-13-11/20sep11a.b/8270C_08SP.m
Meth Date : 21-Sep-2011 00:58 asfawa Quant Type: ISTD
Cal Date : 13-SEP-2011 14:23 Cal File: z19792.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	2.660	2.619	(0.685)	1249828	69.2979	4600
$ 17 Phenol-d5 (SUR)	99	3.549	3.554	(0.914)	1505247	79.4497	5300
* 79 1,4-Dichlorobenzene-d4	152	3.884	3.890	(1.000)	475323	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.443	4.454	(0.860)	749102	39.8238	2600
* 80 Naphthalene-d8	136	5.166	5.178	(1.000)	1736463	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.266	6.266	(0.906)	1254812	41.0954	2700
* 82 Acenaphthene-d10	164	6.919	6.925	(1.000)	806977	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.695	7.701	(1.112)	193707	54.2529	3600
* 83 Phenanthrene-d10	188	8.372	8.372	(1.000)	896253	40.0000	
$ 78 Terphenyl-d14	244	9.936	9.942	(0.901)	542113	50.8484	3400
* 81 Chrysene-d12	240	11.024	11.030	(1.000)	372355	40.0000	
* 84 Perylene-d12	264	12.819	12.819	(1.000)	298636	40.0000	

Data File: /chem/BNAMS11.i/8270/09-13-11/20sep11a.b/z10023.d
Report Date: 21-Sep-2011 10:29

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-13-11/20sep11a.b/z10023.d
Lab Smp Id: MB 460-86659/1-A
Inj Date : 21-SEP-2011 01:48
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : MB 460-86659/1-A
Misc Info :
Comment :
Method : /chem/BNAMS11.i/8270/09-13-11/20sep11a.b/8270C_08SP.m
Meth Date : 21-Sep-2011 00:58 asfawa Quant Type: ISTD
Cal Date : 13-SEP-2011 14:23 Cal File: z19792.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

ISTD	RT	AREA	AMOUNT
* 79 1,4-Dichlorobenzene-d4	3.884	3084400	40.000

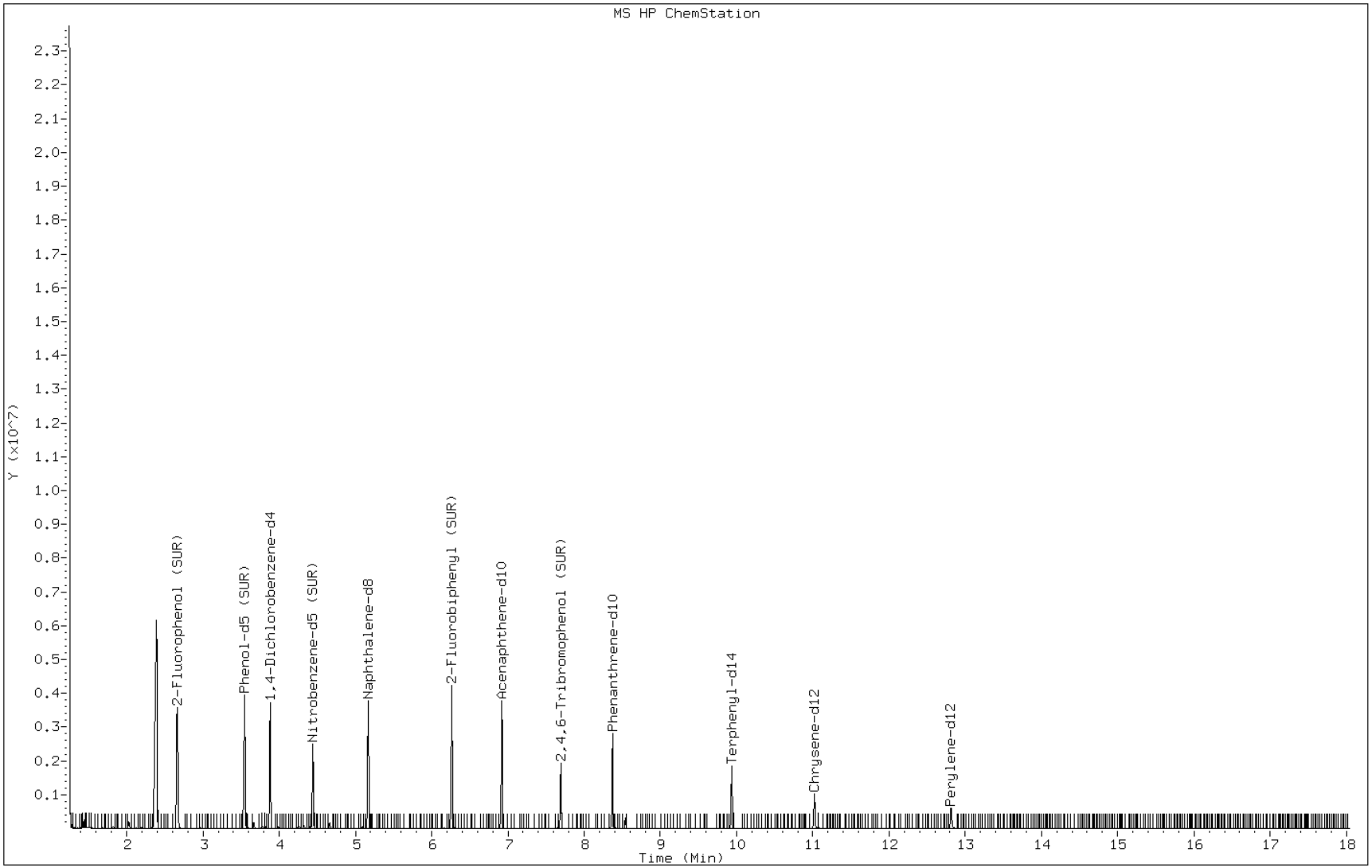
	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Aldol Condensate					CAS #:		
2.390	10664840	138.306833	9200	0		0	79

Data File: z10023.d

Date: 21-SEP-2011 01:48

Client ID: Instrument: BNAMS11.i

Sample Info: MB 460-86659/1-A Operator: BNAMS 4



Data File: z10023.d

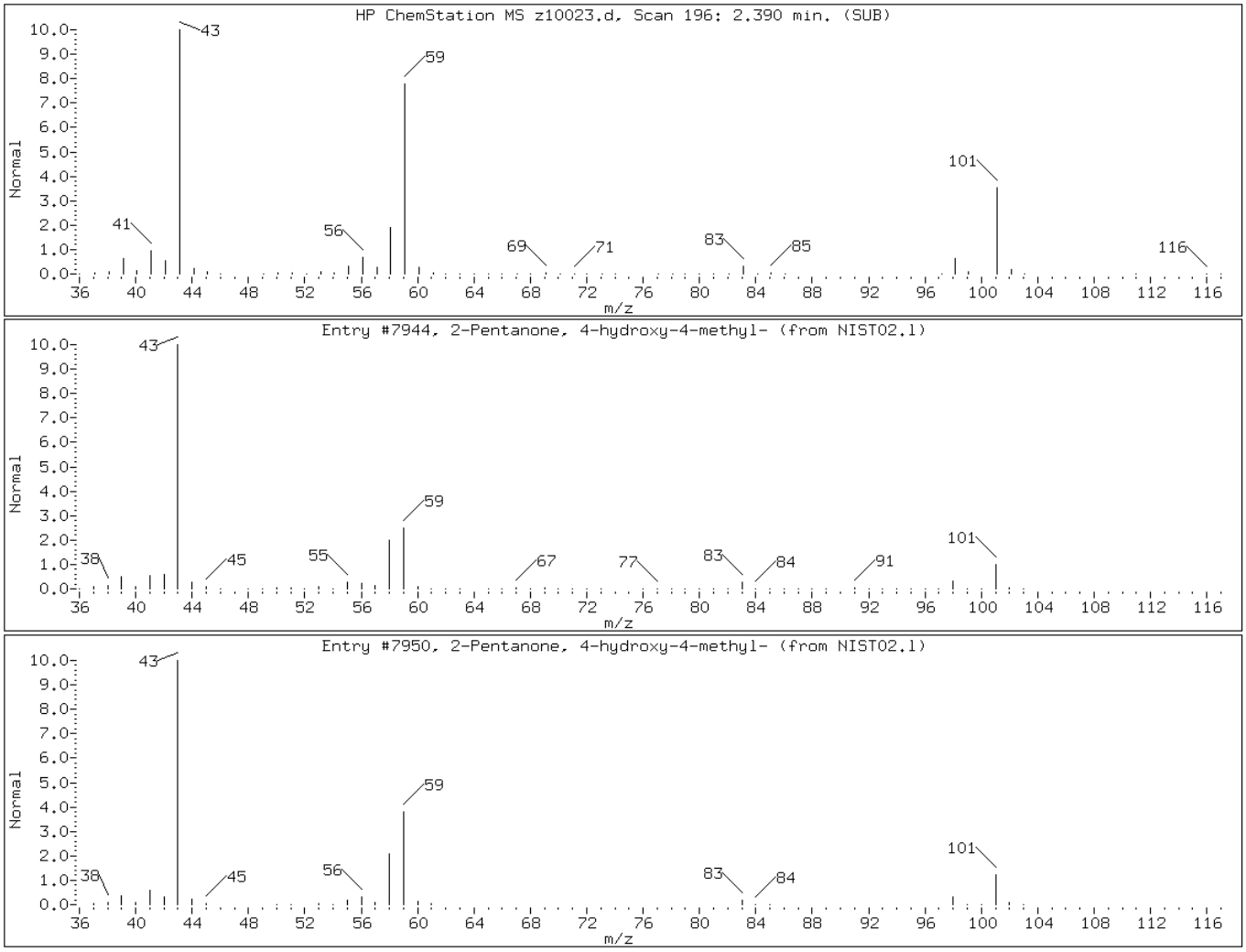
Date: 21-SEP-2011 01:48

Client ID: Instrument: BNAMS11.i

Sample Info: MB 460-86659/1-A Operator: BNAMS 4

Retention Time: 2.39

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	72	C6H12O2	116
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NIST02.l	7950	56	C6H12O2	116



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-85863/2-A

Matrix: Water | Lab File ID: z19811.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 09/13/2011 07:53

Sample wt/vol: 1000(mL) | Date Analyzed: 09/14/2011 05:30

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.: 86052 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	27.7		10	0.81
95-57-8	2-Chlorophenol	78.9		10	2.2
95-48-7	2-Methylphenol	68.4		10	1.8
106-44-5	4-Methylphenol	53.0		10	1.6
100-52-7	Benzaldehyde	155		10	2.0
98-86-2	Acetophenone	87.7		10	2.7
111-44-4	Bis(2-chloroethyl)ether	79.5		1.0	0.28
108-60-1	2,2'-oxybis[1-chloropropane]	79.3		10	2.0
621-64-7	N-Nitrosodi-n-propylamine	88.7		1.0	0.25
98-95-3	Nitrobenzene	86.3		1.0	0.30
67-72-1	Hexachloroethane	78.3		1.0	0.25
78-59-1	Isophorone	86.7		10	2.7
88-75-5	2-Nitrophenol	87.8		10	2.4
105-67-9	2,4-Dimethylphenol	82.4		10	3.4
120-83-2	2,4-Dichlorophenol	90.7		10	2.6
111-91-1	Bis(2-chloroethoxy)methane	89.4		10	2.6
91-20-3	Naphthalene	88.0		10	2.7
106-47-8	4-Chloroaniline	88.7		10	2.0
87-68-3	Hexachlorobutadiene	85.2		2.0	0.57
105-60-2	Caprolactam	15.7		10	2.5
59-50-7	4-Chloro-3-methylphenol	80.9		10	2.5
91-57-6	2-Methylnaphthalene	87.9		10	3.0
118-74-1	Hexachlorobenzene	93.0		1.0	0.29
77-47-4	Hexachlorocyclopentadiene	92.3		10	1.7
88-06-2	2,4,6-Trichlorophenol	93.8		10	2.4
95-95-4	2,4,5-Trichlorophenol	94.6		10	2.6
92-52-4	Diphenyl	92.9		10	2.8
91-58-7	2-Chloronaphthalene	92.2		10	2.7
88-74-4	2-Nitroaniline	96.7		20	4.9
606-20-2	2,6-Dinitrotoluene	87.2		2.0	0.61
131-11-3	Dimethyl phthalate	86.5		10	2.8
208-96-8	Acenaphthylene	90.6		10	2.7
99-09-2	3-Nitroaniline	80.4		20	5.0
83-32-9	Acenaphthene	90.7		10	2.7

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-85863/2-A

Matrix: Water | Lab File ID: z19811.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 09/13/2011 07:53

Sample wt/vol: 1000(mL) | Date Analyzed: 09/14/2011 05:30

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.: 86052 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	21.4	J	30	6.7
51-28-5	2,4-Dinitrophenol	72.9		30	5.4
132-64-9	Dibenzofuran	89.3		10	2.8
84-66-2	Diethyl phthalate	83.0		10	2.9
86-73-7	Fluorene	89.2		10	2.8
206-44-0	Fluoranthene	82.0		10	3.2
84-74-2	Di-n-butyl phthalate	85.2		10	2.9
121-14-2	2,4-Dinitrotoluene	81.0		2.0	0.47
7005-72-3	4-Chlorophenyl phenyl ether	89.9		10	2.5
100-01-6	4-Nitroaniline	78.9		20	5.8
534-52-1	4,6-Dinitro-2-methylphenol	90.0		30	4.7
101-55-3	4-Bromophenyl phenyl ether	97.2		10	2.5
1912-24-9	Atrazine	84.4		10	3.0
120-12-7	Anthracene	91.5		10	2.8
86-74-8	Carbazole	85.4		10	3.2
85-01-8	Phenanthrene	91.0		10	3.1
87-86-5	Pentachlorophenol	86.6		30	5.3
129-00-0	Pyrene	95.3		10	2.9
218-01-9	Chrysene	93.5		10	3.1
207-08-9	Benzo[k]fluoranthene	95.1		1.0	0.26
191-24-2	Benzo[g,h,i]perylene	101		10	2.0
205-99-2	Benzo[b]fluoranthene	99.7		1.0	0.26
50-32-8	Benzo[a]pyrene	92.4		1.0	0.14
56-55-3	Benzo[a]anthracene	87.6		1.0	0.27
86-30-6	N-Nitrosodiphenylamine	94.6		10	2.9
85-68-7	Butyl benzyl phthalate	92.5		10	2.5
117-81-7	Bis(2-ethylhexyl) phthalate	91.1		10	2.0
117-84-0	Di-n-octyl phthalate	90.5		10	1.5
193-39-5	Indeno[1,2,3-cd]pyrene	102		1.0	0.15
53-70-3	Dibenz(a,h)anthracene	105		1.0	0.090
91-94-1	3,3'-Dichlorobenzidine	97.5		20	4.9
95-94-3	1,2,4,5-Tetrachlorobenzene	93.1		10	2.6
58-90-2	2,3,4,6-Tetrachlorophenol	93.2		10	2.5

Data File: /chem/BNAMS11.i/8270/09-13-11/14sep11a.b/z19811.d
Report Date: 14-Sep-2011 15:38

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-13-11/14sep11a.b/z19811.d
Lab Smp Id: LCS 460-85863/2-A
Inj Date : 14-SEP-2011 05:30
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : LCS 460-85863/2-A
Misc Info : LCS 460-85863/2-A
Comment :
Method : /chem/BNAMS11.i/8270/09-13-11/14sep11a.b/8270C_08SP.m
Meth Date : 14-Sep-2011 03:12 asfawa Quant Type: ISTD
Cal Date : 13-SEP-2011 14:23 Cal File: z19792.d
Als bottle: 8 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	1.520	1.503	(0.370)	131320	19.7483	39
	19 N-Nitrosodimethylamine	74	1.732	1.720	(0.422)	183824	21.3721	43
	71 Pyridine	79	1.761	1.738	(0.429)	333949	21.2296	42
$	16 2-Fluorophenol (SUR)	112	2.838	2.832	(0.691)	311965	21.0170	42
	110 Benzaldehyde	77	3.667	3.667	(0.893)	351815	77.3983	150(R)
$	17 Phenol-d5 (SUR)	99	3.749	3.767	(0.913)	197248	12.6501	25
	1 Phenol	94	3.761	3.779	(0.916)	240212	13.8743	28
	73 Aniline	93	3.779	3.785	(0.920)	644593	33.9849	68
	20 bis(2-Chloroethyl)ether	93	3.844	3.850	(0.936)	530338	39.7749	80
	2 2-Chlorophenol	128	3.902	3.908	(0.950)	553808	39.4413	79
	113 n-decane	43	3.961	3.961	(0.964)	509840	34.5831	69(R)
	21 1,3-Dichlorobenzene	146	4.055	4.055	(0.987)	641177	39.7491	79
*	79 1,4-Dichlorobenzene-d4	152	4.108	4.114	(1.000)	391195	40.0000	
	22 1,4-Dichlorobenzene	146	4.126	4.132	(1.004)	664931	41.4070	83
	74 Benzyl Alcohol	108	4.255	4.261	(1.036)	258926	35.4366	71

Data File: /chem/BNAMS11.i/8270/09-13-11/14sep11a.b/z19811.d
Report Date: 14-Sep-2011 15:38

							CONCENTRATIONS	
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/L)
	23 1,2-Dichlorobenzene	146	4.279	4.285	(1.042)	605085	41.5105	83
	3 2-Methylphenol	108	4.379	4.385	(1.066)	360798	34.2225	68
	24 bis (2-chloroisopropyl) ether	45	4.391	4.397	(1.069)	592515	39.6527	79
	104 Acetophenone	105	4.520	4.532	(1.100)	703325	43.8575	88
	4 4-Methylphenol	108	4.532	4.544	(1.103)	297839	26.5146	53
	123 3 & 4 Methylphenol	108	4.532	4.544	(1.103)	297839	26.4646	53
	25 N-Nitroso-di-n-propylamine	70	4.532	4.538	(1.103)	347715	44.3589	89
	26 Hexachloroethane	117	4.620	4.626	(1.125)	251263	39.1714	78
$	76 Nitrobenzene-d5 (SUR)	82	4.673	4.679	(0.866)	501919	37.4604	75
	27 Nitrobenzene	77	4.697	4.702	(0.870)	786838	43.1487	86
	107 N,N-Dimethylaniline	120	4.697	4.702	(1.143)	785918	45.7700	92
	28 Isophorone	82	4.938	4.944	(0.915)	815035	43.3443	87
	5 2-Nitrophenol	139	5.014	5.014	(0.929)	268873	43.9221	88
	6 2,4-Dimethylphenol	122	5.073	5.073	(0.940)	395042	41.2167	82
	29 bis(2-Chloroethoxy)methane	93	5.161	5.161	(0.956)	518947	44.6817	89
	15 Benzoic Acid	122	5.161	5.226	(0.956)	33610	7.72143	15(H)
	7 2,4-Dichlorophenol	162	5.261	5.267	(0.975)	375144	45.3623	91
	30 1,2,4-Trichlorobenzene	180	5.344	5.344	(0.990)	430151	42.8272	86
*	80 Naphthalene-d8	136	5.396	5.396	(1.000)	1236880	40.0000	
	31 Naphthalene	128	5.414	5.420	(1.003)	1481959	44.0229	88
	32 4-Chloroaniline	127	5.473	5.479	(1.014)	509598	44.3589	89
	33 Hexachlorobutadiene	225	5.555	5.555	(1.029)	271113	42.6084	85
	111 Caprolactam	113	5.826	5.855	(1.080)	17919	7.87345	16
	8 4-Chloro-3-methylphenol	107	5.979	5.985	(1.108)	327740	40.4339	81
	34 2-Methylnaphthalene	142	6.114	6.114	(1.133)	856222	43.9457	88
	35 Hexachlorocyclopentadiene	237	6.279	6.285	(0.879)	225903	46.1401	92
	129 1,2,4,5-Tetrachlorobenzene	216	6.285	6.291	(0.880)	380223	46.5593	93
	9 2,4,6-Trichlorophenol	196	6.402	6.408	(0.896)	216097	46.9234	94
	10 2,4,5-Trichlorophenol	196	6.438	6.443	(0.901)	218038	47.2930	94
$	77 2-Fluorobiphenyl (SUR)	172	6.479	6.485	(0.907)	735847	40.1440	80
	102 Diphenyl	154	6.579	6.585	(0.921)	988294	46.4551	93
	36 2-Chloronaphthalene	162	6.596	6.596	(0.923)	705896	46.0767	92
	103 Diphenyl Ether	170	6.685	6.685	(0.936)	499578	46.4834	93
	37 2-Nitroaniline	65	6.702	6.708	(0.938)	246123	48.3479	97
	38 Dimethylphthalate	163	6.890	6.891	(0.965)	635633	43.2692	86
	40 2,6-Dinitrotoluene	165	6.943	6.949	(0.972)	141404	43.6083	87
	39 Acenaphthylene	152	7.002	7.008	(0.980)	1052253	45.2777	90
	41 3-Nitroaniline	138	7.108	7.114	(0.995)	137072	40.1916	80
*	82 Acenaphthene-d10	164	7.143	7.149	(1.000)	484443	40.0000	
	42 Acenaphthene	154	7.179	7.179	(1.005)	644171	45.3340	91
	11 2,4-Dinitrophenol	184	7.208	7.220	(1.009)	63457	36.4656	73
	12 4-Nitrophenol	65	7.285	7.296	(1.020)	28331	10.6886	21(a)
	44 2,4-Dinitrotoluene	165	7.338	7.349	(1.027)	168533	40.5166	81
	43 Dibenzofuran	168	7.349	7.349	(1.029)	852052	44.6265	89
	130 2,3,4,6-Tetrachlorophenol	232	7.473	7.479	(1.046)	150025	46.5968	93
	45 Diethylphthalate	149	7.585	7.590	(1.062)	615196	41.5165	83
	46 4-Chlorophenyl-phenylether	204	7.685	7.690	(1.076)	314315	44.9351	90

Data File: /chem/BNAMS11.i/8270/09-13-11/14sep11a.b/z19811.d
Report Date: 14-Sep-2011 15:38

			QUANT SIG					CONCENTRATIONS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/L)
	47	Fluorene	166	7.685	7.690	(1.076)	689332	44.6213	89
	48	4-Nitroaniline	138	7.708	7.714	(1.079)	121443	39.4293	79
	13	4,6-Dinitro-2-methylphenol	198	7.743	7.749	(0.900)	81831	45.0118	90
	49	N-Nitrosodiphenylamine	169	7.802	7.808	(0.907)	393183	47.3188	95
	75	1,2-Diphenylhydrazine	77	7.843	7.843	(0.912)	756994	50.1407	100
$	18	2,4,6-Tribromophenol (SUR)	330	7.920	7.926	(1.109)	102364	47.7577	96
	50	4-Bromophenyl-phenylether	248	8.167	8.167	(0.949)	164093	48.6033	97
	51	Hexachlorobenzene	284	8.232	8.237	(0.957)	174912	46.5196	93
	112	Atrazine	200	8.337	8.337	(0.969)	122676	42.1810	84
	14	Pentachlorophenol	266	8.426	8.426	(0.979)	77519	43.3053	87
	115	n-Octadecane	57	8.514	8.520	(0.990)	456734	56.1927	110
*	83	Phenanthrene-d10	188	8.602	8.602	(1.000)	543104	40.0000	
	52	Phenanthrene	178	8.626	8.626	(1.003)	716775	45.4959	91
	53	Anthracene	178	8.673	8.679	(1.008)	729471	45.7621	92
	54	Carbazole	167	8.832	8.837	(1.027)	552791	42.7197	85
	55	Di-n-butylphthalate	149	9.184	9.184	(1.068)	773553	42.6123	85
	56	Fluoranthene	202	9.790	9.790	(1.138)	565570	40.9981	82
	58	Benzidine	184	9.920	9.920	(1.153)	85475	29.2115	58
	57	Pyrene	202	10.008	10.014	(0.885)	553433	47.6531	95
$	78	Terphenyl-d14	244	10.167	10.167	(0.899)	335017	40.6089	81
	59	Butylbenzylphthalate	149	10.678	10.678	(0.944)	248687	46.2269	92
	60	3,3'-Dichlorobenzidine	252	11.267	11.273	(0.996)	119974	48.7735	98
	61	Benzo(a)anthracene	228	11.296	11.296	(0.999)	394505	43.7935	88
*	81	Chrysene-d12	240	11.308	11.308	(1.000)	288131	40.0000	
	63	bis(2-Ethylhexyl)phthalate	149	11.349	11.355	(1.004)	338231	45.5291	91
	62	Chrysene	228	11.337	11.343	(1.003)	384310	46.7572	94
	64	Di-n-octylphthalate	149	12.172	12.178	(0.925)	481938	45.2300	90
	65	Benzo(b)fluoranthene	252	12.655	12.655	(0.962)	346992	49.8628	100
	66	Benzo(k)fluoranthene	252	12.690	12.690	(0.964)	340533	47.5700	95
	67	Benzo(a)pyrene	252	13.084	13.084	(0.994)	268738	46.2064	92
*	84	Perylene-d12	264	13.161	13.161	(1.000)	232933	40.0000	
	68	Indeno(1,2,3-cd)pyrene	276	14.602	14.602	(1.109)	283932	51.0155	100
	69	Dibenz(a,h)anthracene	278	14.631	14.637	(1.112)	277474	52.3462	100
	70	Benzo(g,h,i)perylene	276	14.984	14.990	(1.139)	281051	50.3418	100

QC Flag Legend

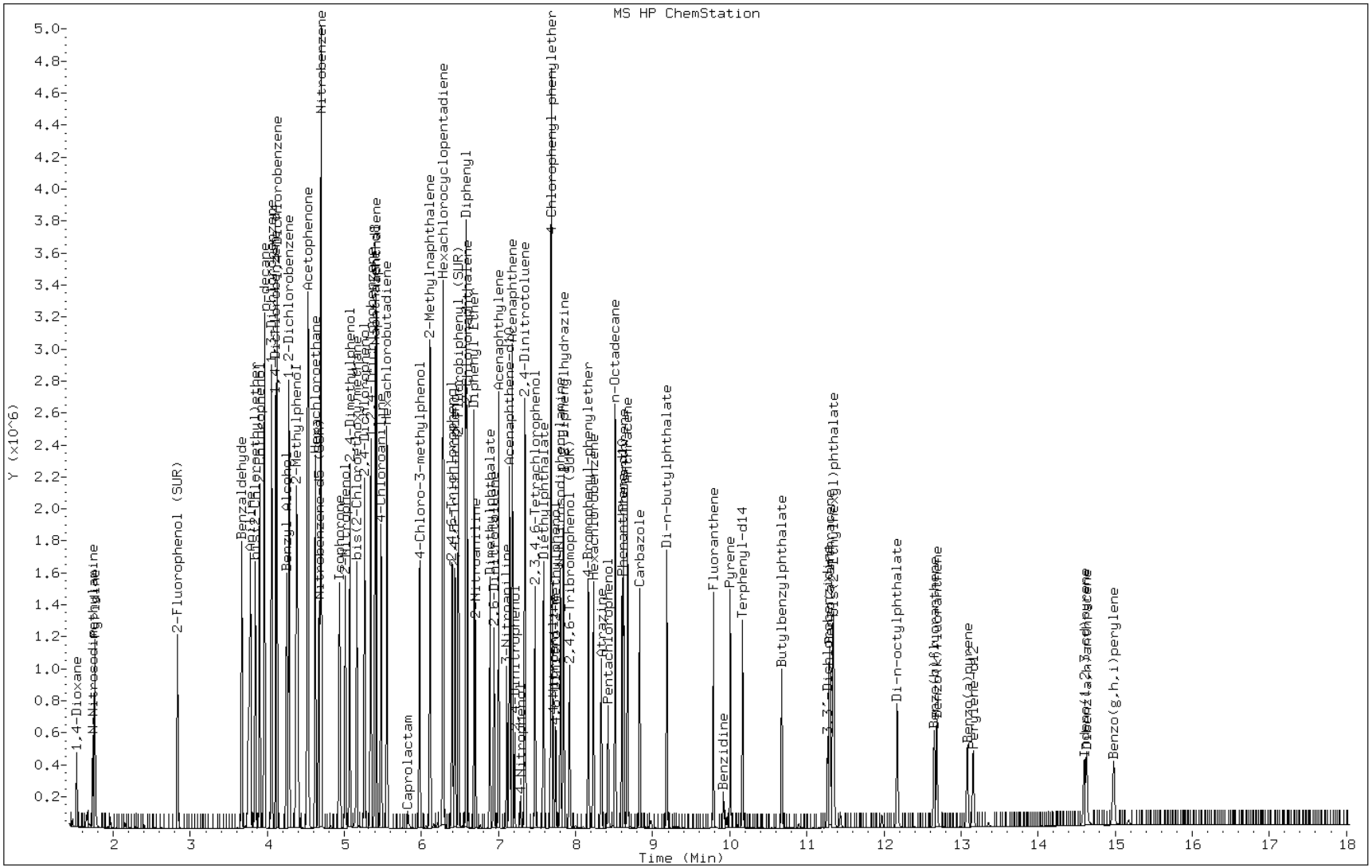
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Data File: z19811.d

Date: 14-SEP-2011 05:30

Client ID: Instrument: BNAMS11.i

Sample Info: LCS 460-85863/2-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-85882/2-A

Matrix: Solid | Lab File ID: u70064.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/13/2011 10:15

Sample wt/vol: 15.02(g) | Date Analyzed: 09/14/2011 00:24

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.: 86039 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	3670		330	40
95-57-8	2-Chlorophenol	4620		330	44
95-48-7	2-Methylphenol	4350		330	48
106-44-5	4-Methylphenol	3840		330	54
100-52-7	Benzaldehyde	1360		330	21
98-86-2	Acetophenone	2330		330	49
111-44-4	Bis(2-chloroethyl)ether	1990		33	6.9
108-60-1	2,2'-oxybis[1-chloropropane]	2160		330	43
621-64-7	N-Nitrosodi-n-propylamine	2500		33	4.4
98-95-3	Nitrobenzene	2160		33	7.4
67-72-1	Hexachloroethane	2170		33	5.6
78-59-1	Isophorone	2280		330	38
88-75-5	2-Nitrophenol	4370		330	54
105-67-9	2,4-Dimethylphenol	4620		330	53
120-83-2	2,4-Dichlorophenol	4280		330	53
111-91-1	Bis(2-chloroethoxy)methane	2290		330	47
91-20-3	Naphthalene	2280		330	48
106-47-8	4-Chloroaniline	2040		330	42
87-68-3	Hexachlorobutadiene	2320		67	13
105-60-2	Caprolactam	1250		330	45
59-50-7	4-Chloro-3-methylphenol	3970		330	55
91-57-6	2-Methylnaphthalene	2170		330	48
118-74-1	Hexachlorobenzene	2600		33	4.6
77-47-4	Hexachlorocyclopentadiene	2420		330	97
88-06-2	2,4,6-Trichlorophenol	4720		330	59
95-95-4	2,4,5-Trichlorophenol	4430		330	64
92-52-4	Diphenyl	2420		330	54
91-58-7	2-Chloronaphthalene	2410		330	47
88-74-4	2-Nitroaniline	2030		670	90
606-20-2	2,6-Dinitrotoluene	2520		67	8.4
131-11-3	Dimethyl phthalate	2320		330	45
208-96-8	Acenaphthylene	2340		330	47
99-09-2	3-Nitroaniline	1880		670	75
83-32-9	Acenaphthene	2360		330	47

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-85882/2-A

Matrix: Solid | Lab File ID: u70064.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/13/2011 10:15

Sample wt/vol: 15.02(g) | Date Analyzed: 09/14/2011 00:24

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.: 86039 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	3780		1000	85
51-28-5	2,4-Dinitrophenol	742	J	1000	70
132-64-9	Dibenzofuran	2320		330	50
84-66-2	Diethyl phthalate	2260		330	44
86-73-7	Fluorene	2330		330	56
206-44-0	Fluoranthene	2290		330	55
84-74-2	Di-n-butyl phthalate	2290		330	51
121-14-2	2,4-Dinitrotoluene	2110		67	9.6
7005-72-3	4-Chlorophenyl phenyl ether	2340		330	57
100-01-6	4-Nitroaniline	2140		670	68
534-52-1	4,6-Dinitro-2-methylphenol	1770		1000	160
101-55-3	4-Bromophenyl phenyl ether	2680		330	59
1912-24-9	Atrazine	2390		330	62
120-12-7	Anthracene	2400		330	58
86-74-8	Carbazole	2380		330	53
85-01-8	Phenanthrene	2510		330	58
87-86-5	Pentachlorophenol	4260		1000	160
129-00-0	Pyrene	2590		330	57
218-01-9	Chrysene	2440		330	48
207-08-9	Benzo[k]fluoranthene	2280		33	4.6
191-24-2	Benzo[g,h,i]perylene	2540		330	35
205-99-2	Benzo[b]fluoranthene	2470		33	4.9
50-32-8	Benzo[a]pyrene	2380		33	4.1
56-55-3	Benzo[a]anthracene	2510		33	6.1
86-30-6	N-Nitrosodiphenylamine	2720		330	54
85-68-7	Butyl benzyl phthalate	2350		330	39
117-81-7	Bis(2-ethylhexyl) phthalate	2280		330	44
117-84-0	Di-n-octyl phthalate	2080		330	39
193-39-5	Indeno[1,2,3-cd]pyrene	2750		33	5.3
53-70-3	Dibenz(a,h)anthracene	2640		33	4.0
91-94-1	3,3'-Dichlorobenzidine	2040		670	73
95-94-3	1,2,4,5-Tetrachlorobenzene	2350		330	44
58-90-2	2,3,4,6-Tetrachlorophenol	2490		330	66

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-85882/2-A

Matrix: Solid | Lab File ID: u70064.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/13/2011 10:15

Sample wt/vol: 15.02(g) | Date Analyzed: 09/14/2011 00:24

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.: 86039 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	69		38-105
4165-62-2	Phenol-d5	64		41-118
1718-51-0	Terphenyl-d14	73		16-151
118-79-6	2,4,6-Tribromophenol	61		10-120
367-12-4	2-Fluorophenol	71		37-125
321-60-8	2-Fluorobiphenyl	71		40-109

Data File: /chem/BNAMS4.i/8270T/09-06-11/13sep11a.b/u70064.d
Report Date: 14-Sep-2011 14:05

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/09-06-11/13sep11a.b/u70064.d
Lab Smp Id: LCS 460-85882/2-A
Inj Date : 14-SEP-2011 00:24
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : LCS 460-85882/2-A
Misc Info :
Comment :
Method : /chem/BNAMS4.i/8270T/09-06-11/13sep11a.b/8270C_08SP.m
Meth Date : 14-Sep-2011 00:25 asfawa Quant Type: ISTD
Cal Date : 06-SEP-2011 18:34 Cal File: u69912.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	1.361	1.271	(0.354)	168726	16.8019	1100(M)
	19 N-Nitrosodimethylamine	74	1.560	1.485	(0.406)	493913	34.8744	2300
	71 Pyridine	79	1.582	1.500	(0.412)	543900	24.3951	1600
$	16 2-Fluorophenol (SUR)	112	2.615	2.576	(0.681)	1265527	70.8368	4700
	110 Benzaldehyde	77	3.408	3.405	(0.887)	234192	20.4990	1400
$	17 Phenol-d5 (SUR)	99	3.532	3.522	(0.919)	1799752	63.8808	4200
	1 Phenol	94	3.547	3.537	(0.923)	1589444	55.1222	3700
	73 Aniline	93	3.518	3.514	(0.916)	996114	33.6122	2200
	20 bis(2-Chloroethyl)ether	93	3.598	3.588	(0.936)	705548	29.9576	2000
	2 2-Chlorophenol	128	3.649	3.640	(0.950)	1099251	69.4171	4600
	113 n-decane	43	3.693	3.692	(0.961)	658721	28.4508	1900
	21 1,3-Dichlorobenzene	146	3.790	3.781	(0.986)	620248	32.9717	2200
*	79 1,4-Dichlorobenzene-d4	152	3.842	3.841	(1.000)	490033	40.0000	

Data File: /chem/BNAMS4.i/8270T/09-06-11/13sep11a.b/u70064.d
Report Date: 14-Sep-2011 14:05

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	22 1,4-Dichlorobenzene	146	3.857	3.856	(1.004)	572058	32.8231	2200
	74 Benzyl Alcohol	108	4.012	4.011	(1.044)	463991	36.3364	2400
	23 1,2-Dichlorobenzene	146	4.012	4.011	(1.044)	606082	34.1164	2300
	3 2-Methylphenol	108	4.138	4.144	(1.077)	1154233	65.2830	4400
	24 bis (2-chloroisopropyl) ether	45	4.131	4.129	(1.075)	1092598	32.4579	2200
	126 O-Toluidine	107	4.309	4.312	(1.122)	1227667	57.8437	3800
	104 Acetophenone	105	4.272	4.276	(1.112)	994296	35.0330	2300
	4 4-Methylphenol	108	4.309	4.312	(1.122)	1067651	57.6706	3800
	123 3 & 4 Methylphenol	108	4.309	4.312	(1.122)	1067651	55.8676	3700
	25 N-Nitroso-di-n-propylamine	70	4.287	4.291	(1.116)	630672	37.5035	2500(M)
	26 Hexachloroethane	117	4.347	4.349	(1.131)	278443	32.5934	2200
$	76 Nitrobenzene-d5 (SUR)	82	4.421	4.424	(0.860)	884440	34.3544	2300
	27 Nitrobenzene	77	4.443	4.446	(0.865)	992815	32.4610	2200
	107 N,N-Dimethylaniline	120	4.443	4.446	(1.157)	693465	33.7463	2200
	28 Isophorone	82	4.711	4.689	(0.917)	1705265	34.2525	2300(M)
	5 2-Nitrophenol	139	4.763	4.764	(0.927)	662468	65.6460	4400
	6 2,4-Dimethylphenol	122	4.844	4.838	(0.943)	990751	69.4635	4600
	29 bis(2-Chloroethoxy)methane	93	4.919	4.913	(0.957)	868860	34.3319	2300
	15 Benzoic Acid	122	5.022	5.060	(0.977)	71357	10.4905	700
	7 2,4-Dichlorophenol	162	5.022	5.023	(0.977)	1010369	64.2409	4300
	30 1,2,4-Trichlorobenzene	180	5.087	5.090	(0.990)	483859	32.0908	2100
*	80 Naphthalene-d8	136	5.139	5.135	(1.000)	1577637	40.0000	
	31 Naphthalene	128	5.153	5.156	(1.003)	1280563	34.2542	2300
	32 4-Chloroaniline	127	5.228	5.230	(1.017)	538457	30.6709	2000
	33 Hexachlorobutadiene	225	5.286	5.290	(1.029)	370484	34.8871	2300
	111 Caprolactam	113	5.663	5.656	(1.102)	103608	18.7805	1200
	8 4-Chloro-3-methylphenol	107	5.767	5.763	(1.122)	1163616	59.5899	4000
	34 2-Methylnaphthalene	142	5.857	5.853	(1.140)	1012650	32.5910	2200
	35 Hexachlorocyclopentadiene	237	6.013	6.015	(0.873)	266829	36.2808	2400
	129 1,2,4,5-Tetrachlorobenzene	216	6.028	6.030	(0.875)	545112	35.3607	2400
	9 2,4,6-Trichlorophenol	196	6.162	6.163	(0.894)	680447	70.9128	4700
	10 2,4,5-Trichlorophenol	196	6.207	6.208	(0.901)	683041	66.4809	4400
$	77 2-Fluorobiphenyl (SUR)	172	6.230	6.230	(0.904)	1083805	35.6790	2400
	102 Diphenyl	154	6.327	6.326	(0.918)	1293045	36.3571	2400
	36 2-Chloronaphthalene	162	6.342	6.340	(0.921)	998529	36.2418	2400
	103 Diphenyl Ether	170	6.430	6.429	(0.933)	681623	36.0075	2400
	37 2-Nitroaniline	65	6.466	6.466	(0.939)	416513	30.4365	2000
	38 Dimethylphthalate	163	6.650	6.650	(0.965)	1272472	34.8733	2300
	40 2,6-Dinitrotoluene	165	6.710	6.710	(0.974)	315882	37.8418	2500
	39 Acenaphthylene	152	6.747	6.747	(0.979)	1469202	35.1286	2300
	41 3-Nitroaniline	138	6.874	6.881	(0.998)	257859	28.2778	1900
*	82 Acenaphthene-d10	164	6.889	6.888	(1.000)	969201	40.0000	
	42 Acenaphthene	154	6.919	6.918	(1.004)	892831	35.4470	2400
	11 2,4-Dinitrophenol	184	6.999	6.999	(1.016)	41560	11.1501	740(a)
	12 4-Nitrophenol	65	7.095	7.088	(1.030)	501492	56.7378	3800
	44 2,4-Dinitrotoluene	165	7.110	7.118	(1.032)	365079	31.7618	2100
	43 Dibenzofuran	168	7.088	7.088	(1.029)	1347803	34.9139	2300

Data File: /chem/BNAMS4.i/8270T/09-06-11/13sep11a.b/u70064.d
Report Date: 14-Sep-2011 14:05

			QUANT SIG					CONCENTRATIONS	
								ON-COLUMN	FINAL
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/Kg)
	130	2,3,4,6-Tetrachlorophenol	232	7.229	7.236	(1.049)	331464	37.4499	2500
	45	Diethylphthalate	149	7.347	7.339	(1.066)	1241383	33.8980	2200
	46	4-Chlorophenyl-phenylether	204	7.429	7.428	(1.078)	571426	35.1470	2300
	47	Fluorene	166	7.429	7.428	(1.078)	1100498	35.0079	2300
	48	4-Nitroaniline	138	7.489	7.488	(1.087)	260393	32.1963	2100
	13	4,6-Dinitro-2-methylphenol	198	7.525	7.525	(0.902)	121376	26.6097	1800
	49	N-Nitrosodiphenylamine	169	7.555	7.555	(0.906)	704966	40.8278	2700
	75	1,2-Diphenylhydrazine	77	7.585	7.585	(0.909)	1641833	40.2492	2700
$	18	2,4,6-Tribromophenol (SUR)	330	7.667	7.671	(1.113)	415039	61.3882	4100
	50	4-Bromophenyl-phenylether	248	7.905	7.901	(0.948)	375970	40.2243	2700
	51	Hexachlorobenzene	284	7.980	7.976	(0.957)	392482	39.0752	2600
	112	Atrazine	200	8.099	8.094	(0.971)	281795	35.9613	2400
	14	Pentachlorophenol	266	8.180	8.182	(0.981)	349379	63.9813	4300
	115	n-Octadecane	57	8.261	8.263	(0.990)	967623	46.0518	3100
*	83	Phenanthrene-d10	188	8.342	8.337	(1.000)	1151756	40.0000	
	52	Phenanthrene	178	8.365	8.368	(1.003)	1168029	37.7578	2500
	53	Anthracene	178	8.417	8.412	(1.009)	1161067	36.0111	2400
	54	Carbazole	167	8.580	8.582	(1.029)	1104806	35.7223	2400
	55	Di-n-butylphthalate	149	8.928	8.926	(1.070)	1716460	34.4223	2300
	56	Fluoranthene	202	9.527	9.528	(1.142)	1337940	34.3747	2300
	58	Benzidine	184	9.673	9.667	(1.160)	60569	9.60094	640
	57	Pyrene	202	9.747	9.742	(0.886)	1252184	38.8323	2600
$	78	Terphenyl-d14	244	9.901	9.898	(0.900)	985264	36.4453	2400
	59	Butylbenzylphthalate	149	10.389	10.389	(0.945)	669719	35.3383	2400
	60	3,3'-Dichlorobenzidine	252	10.952	10.953	(0.996)	269097	30.5897	2000
	61	Benzo(a)anthracene	228	10.982	10.975	(0.999)	953307	37.7443	2500
*	81	Chrysene-d12	240	10.996	10.989	(1.000)	852317	40.0000	
	63	bis(2-Ethylhexyl)phthalate	149	11.024	11.024	(1.003)	704907	34.1899	2300
	62	Chrysene	228	11.024	11.017	(1.003)	741451	36.5758	2400
	64	Di-n-octylphthalate	149	11.801	11.806	(0.924)	1147776	31.2800	2100
	65	Benzo(b)fluoranthene	252	12.286	12.284	(0.962)	758244	37.0343	2500
	66	Benzo(k)fluoranthene	252	12.323	12.319	(0.965)	704564	34.2765	2300
	67	Benzo(a)pyrene	252	12.699	12.700	(0.994)	572440	35.7268	2400
*	84	Perylene-d12	264	12.773	12.775	(1.000)	551811	40.0000	
	68	Indeno(1,2,3-cd)pyrene	276	14.177	14.178	(1.110)	558031	41.2936	2800
	69	Dibenz(a,h)anthracene	278	14.192	14.193	(1.111)	444549	39.7030	2600
	70	Benzo(g,h,i)perylene	276	14.526	14.523	(1.137)	471278	38.1543	2500

QC Flag Legend

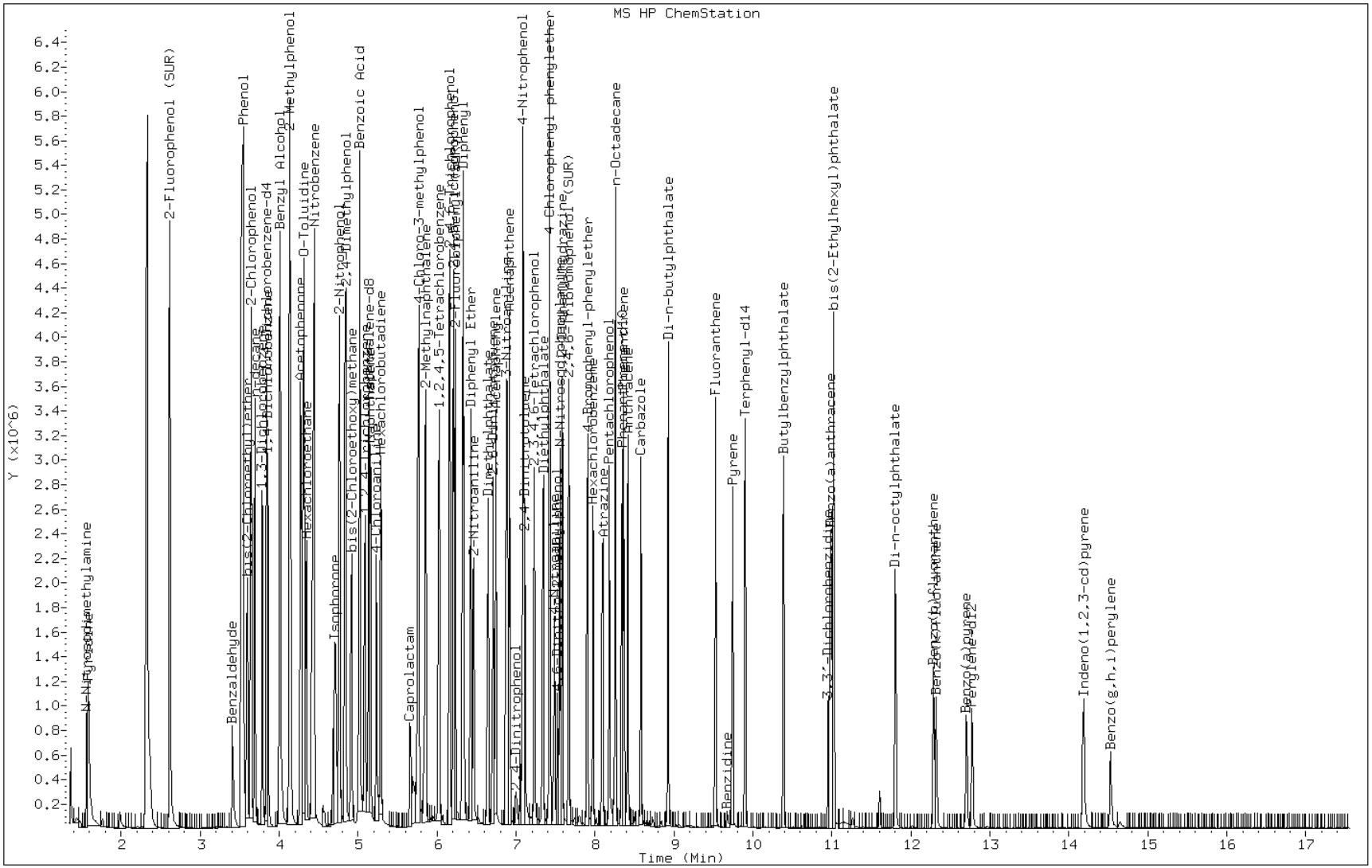
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: u70064.d

Date: 14-SEP-2011 00:24

Client ID: Instrument: BNAMS4.i

Sample Info: LCS 460-85882/2-A Operator: BNAMS 4



Manual Integration Report

Data File: u70064.d
Inj. Date and Time: 14-SEP-2011 00:24
Instrument ID: BNAMS4.i
Client ID:
Compound: 25 N-Nitroso-di-n-propylamine
CAS #: 621-64-7
Report Date: 09/14/2011

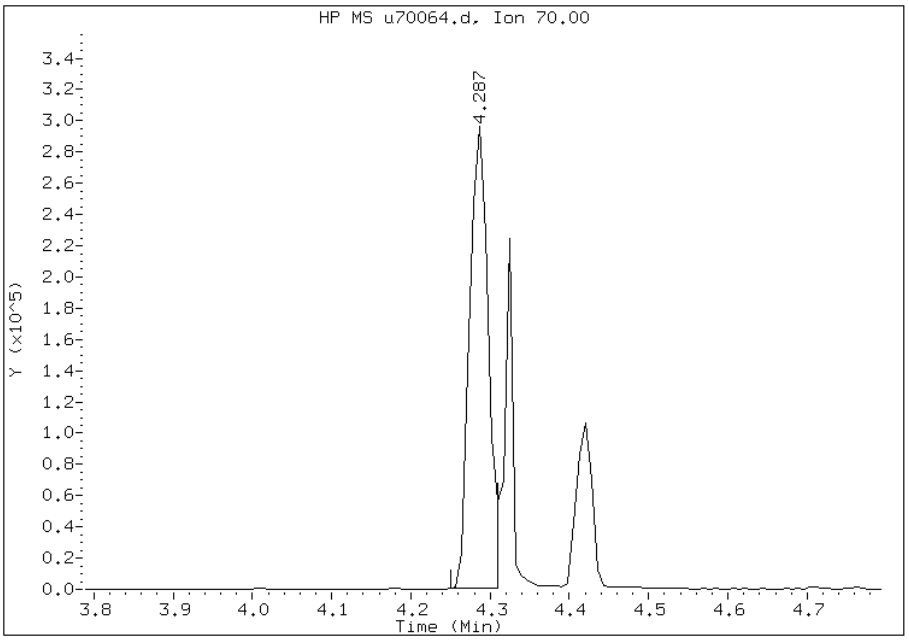
Processing Integration Results

RT: 4.29

Response: 486871

Amount: 29

Conc: 1930



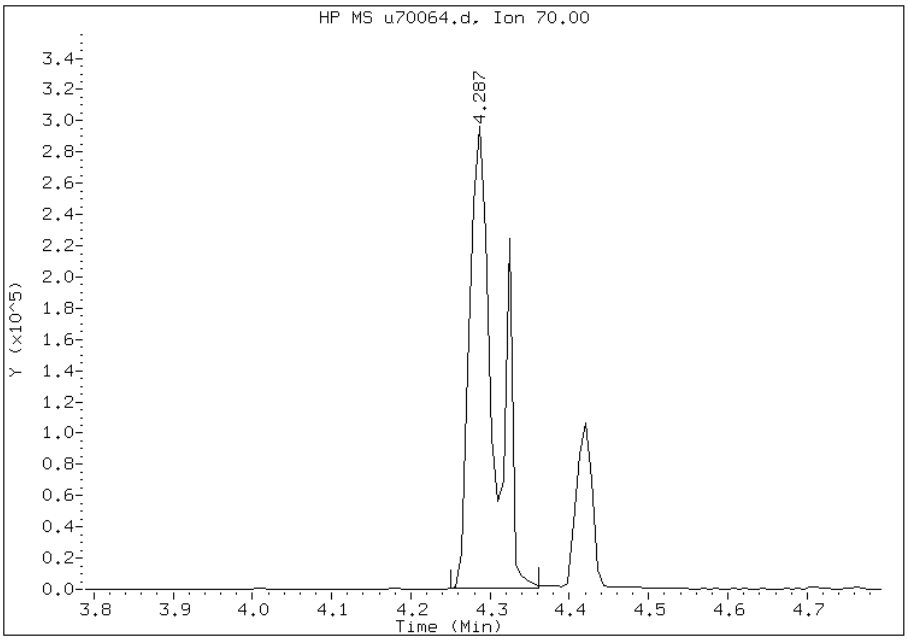
Manual Integration Results

RT: 4.29

Response: 630672

Amount: 38

Conc: 2500



Manually Integrated By: rusin
Manual Integration Reason: Split Peak

Manual Integration Report

Data File: u70064.d
Inj. Date and Time: 14-SEP-2011 00:24
Instrument ID: BNAMS4.i
Client ID:
Compound: 28 Isophorone
CAS #: 78-59-1
Report Date: 09/14/2011

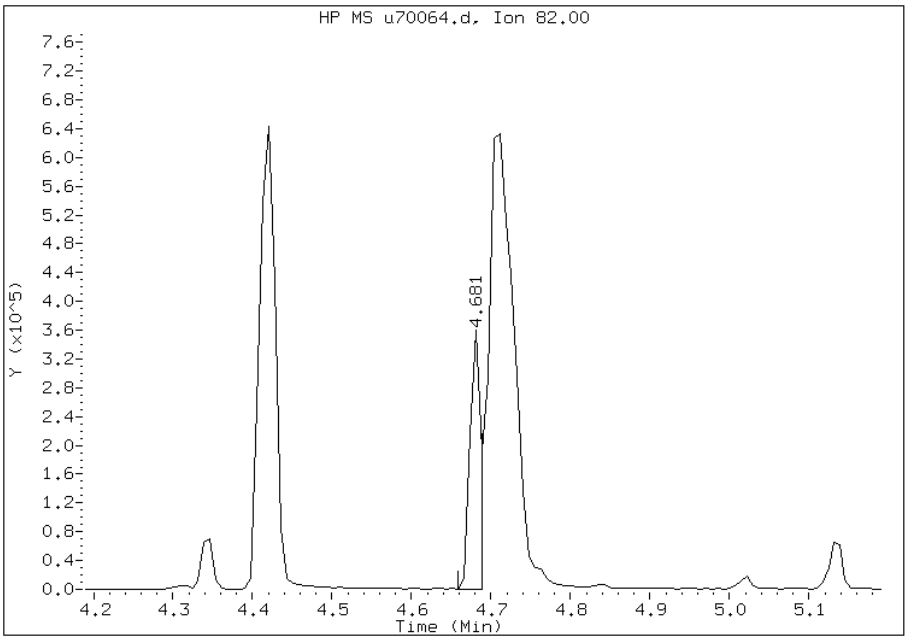
Processing Integration Results

RT: 4.68

Response: 347055

Amount: 7

Conc: 465



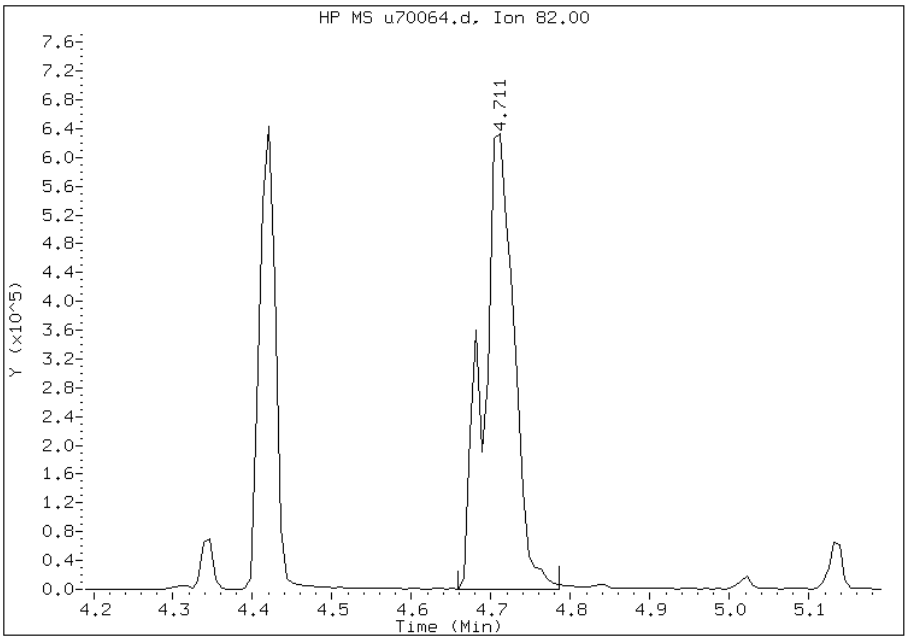
Manual Integration Results

RT: 4.71

Response: 1705265

Amount: 34

Conc: 2283



Manually Integrated By: rusin
Manual Integration Reason: Split Peak

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-86273/2-A

Matrix: Solid | Lab File ID: p19375.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/16/2011 07:35

Sample wt/vol: 15.00(g) | Date Analyzed: 09/18/2011 03:33

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.: 86671 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	4450		330	41
95-57-8	2-Chlorophenol	4690		330	44
95-48-7	2-Methylphenol	4610		330	48
106-44-5	4-Methylphenol	4280		330	54
100-52-7	Benzaldehyde	2940		330	21
98-86-2	Acetophenone	2430		330	49
111-44-4	Bis(2-chloroethyl)ether	2490		33	6.9
108-60-1	2,2'-oxybis[1-chloropropane]	2600		330	43
621-64-7	N-Nitrosodi-n-propylamine	2540		33	4.4
98-95-3	Nitrobenzene	2700		33	7.4
67-72-1	Hexachloroethane	2590		33	5.6
78-59-1	Isophorone	2600		330	38
88-75-5	2-Nitrophenol	5270		330	54
105-67-9	2,4-Dimethylphenol	4900		330	53
120-83-2	2,4-Dichlorophenol	4840		330	53
111-91-1	Bis(2-chloroethoxy)methane	2610		330	47
91-20-3	Naphthalene	2650		330	48
106-47-8	4-Chloroaniline	1190		330	42
87-68-3	Hexachlorobutadiene	2720		67	13
105-60-2	Caprolactam	2150		330	45
59-50-7	4-Chloro-3-methylphenol	4620		330	56
91-57-6	2-Methylnaphthalene	2530		330	48
118-74-1	Hexachlorobenzene	2950		33	4.6
77-47-4	Hexachlorocyclopentadiene	2980		330	97
88-06-2	2,4,6-Trichlorophenol	5500		330	59
95-95-4	2,4,5-Trichlorophenol	5300		330	64
92-52-4	Diphenyl	2780		330	55
91-58-7	2-Chloronaphthalene	2820		330	47
88-74-4	2-Nitroaniline	2620		670	91
606-20-2	2,6-Dinitrotoluene	2570		67	8.4
131-11-3	Dimethyl phthalate	2470		330	45
208-96-8	Acenaphthylene	2640		330	47
99-09-2	3-Nitroaniline	1330		670	75
83-32-9	Acenaphthene	2630		330	47

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-86273/2-A

Matrix: Solid | Lab File ID: p19375.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/16/2011 07:35

Sample wt/vol: 15.00(g) | Date Analyzed: 09/18/2011 03:33

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.: 86671 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	4620		1000	85
51-28-5	2,4-Dinitrophenol	4940		1000	70
132-64-9	Dibenzofuran	2580		330	50
84-66-2	Diethyl phthalate	2370		330	44
86-73-7	Fluorene	2540		330	56
206-44-0	Fluoranthene	2720		330	55
84-74-2	Di-n-butyl phthalate	2580		330	51
121-14-2	2,4-Dinitrotoluene	2320		67	9.7
7005-72-3	4-Chlorophenyl phenyl ether	2600		330	57
100-01-6	4-Nitroaniline	2100		670	68
534-52-1	4,6-Dinitro-2-methylphenol	5800		1000	160
101-55-3	4-Bromophenyl phenyl ether	3040		330	59
1912-24-9	Atrazine	2430		330	62
120-12-7	Anthracene	2760		330	58
86-74-8	Carbazole	2620		330	53
85-01-8	Phenanthrene	2800		330	58
87-86-5	Pentachlorophenol	5990		1000	160
129-00-0	Pyrene	2150		330	57
218-01-9	Chrysene	2810		330	48
207-08-9	Benzo[k]fluoranthene	3050		33	4.6
191-24-2	Benzo[g,h,i]perylene	3030		330	35
205-99-2	Benzo[b]fluoranthene	3000		33	4.9
50-32-8	Benzo[a]pyrene	2900		33	4.1
56-55-3	Benzo[a]anthracene	2720		33	6.1
86-30-6	N-Nitrosodiphenylamine	2940		330	54
85-68-7	Butyl benzyl phthalate	2380		330	39
117-81-7	Bis(2-ethylhexyl) phthalate	2400		330	44
117-84-0	Di-n-octyl phthalate	2930		330	39
193-39-5	Indeno[1,2,3-cd]pyrene	3270		33	5.3
53-70-3	Dibenz(a,h)anthracene	3180		33	4.0
91-94-1	3,3'-Dichlorobenzidine	1880		670	73
95-94-3	1,2,4,5-Tetrachlorobenzene	2960		330	45
58-90-2	2,3,4,6-Tetrachlorophenol	2550		330	66

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-86273/2-A

Matrix: Solid | Lab File ID: p19375.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/16/2011 07:35

Sample wt/vol: 15.00(g) | Date Analyzed: 09/18/2011 03:33

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.: 86671 | 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	64		16-151
118-79-6	2,4,6-Tribromophenol	75		10-120
367-12-4	2-Fluorophenol	71		37-125
321-60-8	2-Fluorobiphenyl	85		40-109

Data File: /chem/BNAMS10.i/8270/09-17-11/18sep11.b/p19375.d
Report Date: 19-Sep-2011 13:41

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/09-17-11/18sep11.b/p19375.d
Lab Smp Id: LCS 460-86273/2-A
Inj Date : 18-SEP-2011 03:33
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : LCS 460-86273/2-A
Misc Info :
Comment :
Method : /chem/BNAMS10.i/8270/09-17-11/18sep11.b/8270C_08SP.m
Meth Date : 18-Sep-2011 06:59 asfawa Quant Type: ISTD
Cal Date : 17-SEP-2011 05:31 Cal File: p19351.d
Als bottle: 4 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

		QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
Compounds		MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/Kg)
106	1,4-Dioxane	88	1.620	1.520	(0.363)	208587	20.7205	1400(H)
19	N-Nitrosodimethylamine	74	1.849	1.761	(0.415)	490582	39.6236	2600
71	Pyridine	79	1.878	1.790	(0.421)	688334	32.3781	2200
$ 16	2-Fluorophenol (SUR)	112	3.077	3.030	(0.690)	1236140	71.4635	4800
110	Benzaldehyde	77	3.976	3.964	(0.892)	382640	44.1454	2900
$ 17	Phenol-d5 (SUR)	99	4.082	4.070	(0.916)	1483058	68.9212	4600
1	Phenol	94	4.099	4.088	(0.920)	1587820	66.6953	4400
73	Aniline	93	4.105	4.094	(0.921)	687175	26.9701	1800
20	bis(2-Chloroethyl)ether	93	4.182	4.170	(0.938)	661937	37.2828	2500
2	2-Chlorophenol	128	4.235	4.229	(0.950)	1238991	70.3649	4700
113	n-decane	43	4.311	4.305	(0.967)	543661	36.7703	2400
21	1,3-Dichlorobenzene	146	4.399	4.393	(0.987)	834135	37.7027	2500
* 79	1,4-Dichlorobenzene-d4	152	4.458	4.452	(1.000)	561263	40.0000	

Data File: /chem/BNAMS10.i/8270/09-17-11/18sep11.b/p19375.d
Report Date: 19-Sep-2011 13:41

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	22 1,4-Dichlorobenzene	146	4.475	4.470	(1.004)	863045	38.3714	2600
	74 Benzyl Alcohol	108	4.616	4.611	(1.036)	396020	36.8713	2400
	23 1,2-Dichlorobenzene	146	4.640	4.640	(1.041)	783391	38.2377	2500
	3 2-Methylphenol	108	4.752	4.746	(1.066)	1059757	69.1670	4600
	24 bis (2-chloroisopropyl) ether	45	4.769	4.763	(1.070)	536760	39.0068	2600
	104 Acetophenone	105	4.899	4.899	(1.099)	900395	36.4878	2400
	4 4-Methylphenol	108	4.922	4.916	(1.104)	1022498	64.1307	4300
	123 3 & 4 Methylphenol	108	4.922	4.916	(1.104)	1022498	63.4791	4200
	25 N-Nitroso-di-n-propylamine	70	4.910	4.910	(1.101)	504111	38.0879	2500
	26 Hexachloroethane	117	5.004	5.004	(1.123)	319951	38.8314	2600
$	76 Nitrobenzene-d5 (SUR)	82	5.057	5.057	(0.870)	779748	40.4748	2700
	27 Nitrobenzene	77	5.081	5.081	(0.874)	1068642	40.5503	2700
	107 N,N-Dimethylaniline	120	5.087	5.087	(1.141)	930845	36.9236	2500
	28 Isophorone	82	5.345	5.333	(0.919)	1142685	38.9445	2600
	5 2-Nitrophenol	139	5.421	5.416	(0.932)	667092	79.0202	5300
	6 2,4-Dimethylphenol	122	5.486	5.486	(0.943)	990332	73.5351	4900
	29 bis(2-Chloroethoxy)methane	93	5.580	5.580	(0.960)	644112	39.1789	2600
	15 Benzoic Acid	122	5.662	5.615	(0.974)	516704	68.7009	4600
	7 2,4-Dichlorophenol	162	5.680	5.674	(0.977)	940724	72.6469	4800
	30 1,2,4-Trichlorobenzene	180	5.762	5.762	(0.991)	628991	40.1283	2700
*	80 Naphthalene-d8	136	5.815	5.815	(1.000)	1642033	40.0000	
	31 Naphthalene	128	5.839	5.839	(1.004)	1684579	39.7714	2600
	32 4-Chloroaniline	127	5.903	5.903	(1.015)	270302	17.7913	1200
	33 Hexachlorobutadiene	225	5.985	5.986	(1.029)	412255	40.8193	2700
	111 Caprolactam	113	6.297	6.273	(1.083)	124895	32.2563	2200
	8 4-Chloro-3-methylphenol	107	6.432	6.426	(1.106)	886175	69.2261	4600
	34 2-Methylnaphthalene	142	6.561	6.561	(1.128)	1066719	37.9943	2500
	120 1-Methylnaphthalene	142	6.655	6.661	(1.144)	9423	0.32821	22(a)
	35 Hexachlorocyclopentadiene	237	6.732	6.732	(0.885)	363961	44.6477	3000
	129 1,2,4,5-Tetrachlorobenzene	216	6.738	6.738	(0.886)	593772	44.4700	3000
	9 2,4,6-Trichlorophenol	196	6.855	6.855	(0.901)	641746	82.4308	5500
	10 2,4,5-Trichlorophenol	196	6.896	6.890	(0.907)	639270	79.5199	5300
$	77 2-Fluorobiphenyl (SUR)	172	6.943	6.943	(0.913)	1151124	42.2663	2800
	102 Diphenyl	154	7.037	7.037	(0.925)	1234774	41.6702	2800
	36 2-Chloronaphthalene	162	7.049	7.049	(0.927)	950715	42.2661	2800
	103 Diphenyl Ether	170	7.149	7.149	(0.940)	709879	42.0335	2800
	37 2-Nitroaniline	65	7.161	7.161	(0.941)	356768	39.3000	2600
	38 Dimethylphthalate	163	7.354	7.355	(0.967)	886853	37.0469	2500
	40 2,6-Dinitrotoluene	165	7.407	7.407	(0.974)	207291	38.5307	2600
	39 Acenaphthylene	152	7.466	7.466	(0.981)	1316139	39.5728	2600
	41 3-Nitroaniline	138	7.572	7.572	(0.995)	109216	19.8918	1300
*	82 Acenaphthene-d10	164	7.607	7.607	(1.000)	790582	40.0000	
	42 Acenaphthene	154	7.642	7.642	(1.005)	839830	39.4295	2600
	11 2,4-Dinitrophenol	184	7.672	7.672	(1.008)	248997	74.0886	4900
	12 4-Nitrophenol	65	7.754	7.748	(1.019)	343355	69.2871	4600
	44 2,4-Dinitrotoluene	165	7.807	7.807	(1.026)	248648	34.8436	2300
	43 Dibenzofuran	168	7.813	7.813	(1.027)	1190648	38.6846	2600

Data File: /chem/BNAMS10.i/8270/09-17-11/18sep11.b/p19375.d
Report Date: 19-Sep-2011 13:41

			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	7.942	7.942	(1.044)	227064	38.2205	2500
	45	Diethylphthalate	149	8.060	8.060	(1.059)	815953	35.4871	2400
	47	Fluorene	166	8.154	8.154	(1.072)	964904	38.1436	2500
	46	4-Chlorophenyl-phenylether	204	8.159	8.159	(1.073)	511940	38.9789	2600
	48	4-Nitroaniline	138	8.177	8.177	(1.075)	167105	31.4992	2100
	13	4,6-Dinitro-2-methylphenol	198	8.212	8.206	(0.905)	311937	87.0159	5800
	49	N-Nitrosodiphenylamine	169	8.277	8.277	(0.912)	615070	44.1541	2900
	75	1,2-Diphenylhydrazine	77	8.312	8.312	(0.916)	1122344	45.7872	3000
$	18	2,4,6-Tribromophenol (SUR)	330	8.394	8.395	(1.103)	267875	74.9375	5000
	50	4-Bromophenyl-phenylether	248	8.641	8.641	(0.952)	261321	45.5556	3000
	51	Hexachlorobenzene	284	8.706	8.706	(0.959)	259407	44.1886	2900
	112	Atrazine	200	8.812	8.812	(0.971)	196367	36.3909	2400
	14	Pentachlorophenol	266	8.900	8.894	(0.981)	300930	89.8633	6000
	115	n-Octadecane	57	8.994	8.994	(0.991)	503511	53.2993	3600
*	83	Phenanthrene-d10	188	9.076	9.076	(1.000)	924259	40.0000	
	52	Phenanthrene	178	9.100	9.100	(1.003)	1076906	41.9913	2800
	53	Anthracene	178	9.147	9.147	(1.008)	1083050	41.3409	2800
	54	Carbazole	167	9.311	9.305	(1.026)	866555	39.2306	2600
	55	Di-n-butylphthalate	149	9.664	9.664	(1.065)	1066367	38.6887	2600
	56	Fluoranthene	202	10.263	10.263	(1.131)	1019169	40.8120	2700
	58	Benzidine	184	10.398	10.398	(1.146)	73912	13.5243	900
	57	Pyrene	202	10.486	10.486	(0.890)	1010576	32.2630	2200
$	78	Terphenyl-d14	244	10.645	10.645	(0.903)	699204	32.1533	2100
	59	Butylbenzylphthalate	149	11.162	11.162	(0.947)	460087	35.7336	2400
	60	3,3'-Dichlorobenzidine	252	11.749	11.755	(0.997)	229386	28.1352	1900
	61	Benzo(a)anthracene	228	11.773	11.773	(0.999)	975205	40.7535	2700
*	81	Chrysene-d12	240	11.785	11.785	(1.000)	808416	40.0000	
	63	bis(2-Ethylhexyl)phthalate	149	11.838	11.838	(1.004)	636126	35.9708	2400
	62	Chrysene	228	11.820	11.820	(1.003)	928924	42.1451	2800
	64	Di-n-octylphthalate	149	12.666	12.666	(0.928)	1026823	43.8929	2900
	65	Benzo(b)fluoranthene	252	13.136	13.136	(0.963)	875427	44.9852	3000
	66	Benzo(k)fluoranthene	252	13.171	13.171	(0.966)	902260	45.7255	3000
	67	Benzo(a)pyrene	252	13.565	13.565	(0.994)	723303	43.4275	2900
*	84	Perylene-d12	264	13.641	13.641	(1.000)	640370	40.0000	
	68	Indeno(1,2,3-cd)pyrene	276	15.081	15.081	(1.106)	745378	49.0359	3300
	69	Dibenz(a,h)anthracene	278	15.116	15.116	(1.108)	725032	47.6408	3200
	70	Benzo(g,h,i)perylene	276	15.469	15.469	(1.134)	740941	45.4044	3000

QC Flag Legend

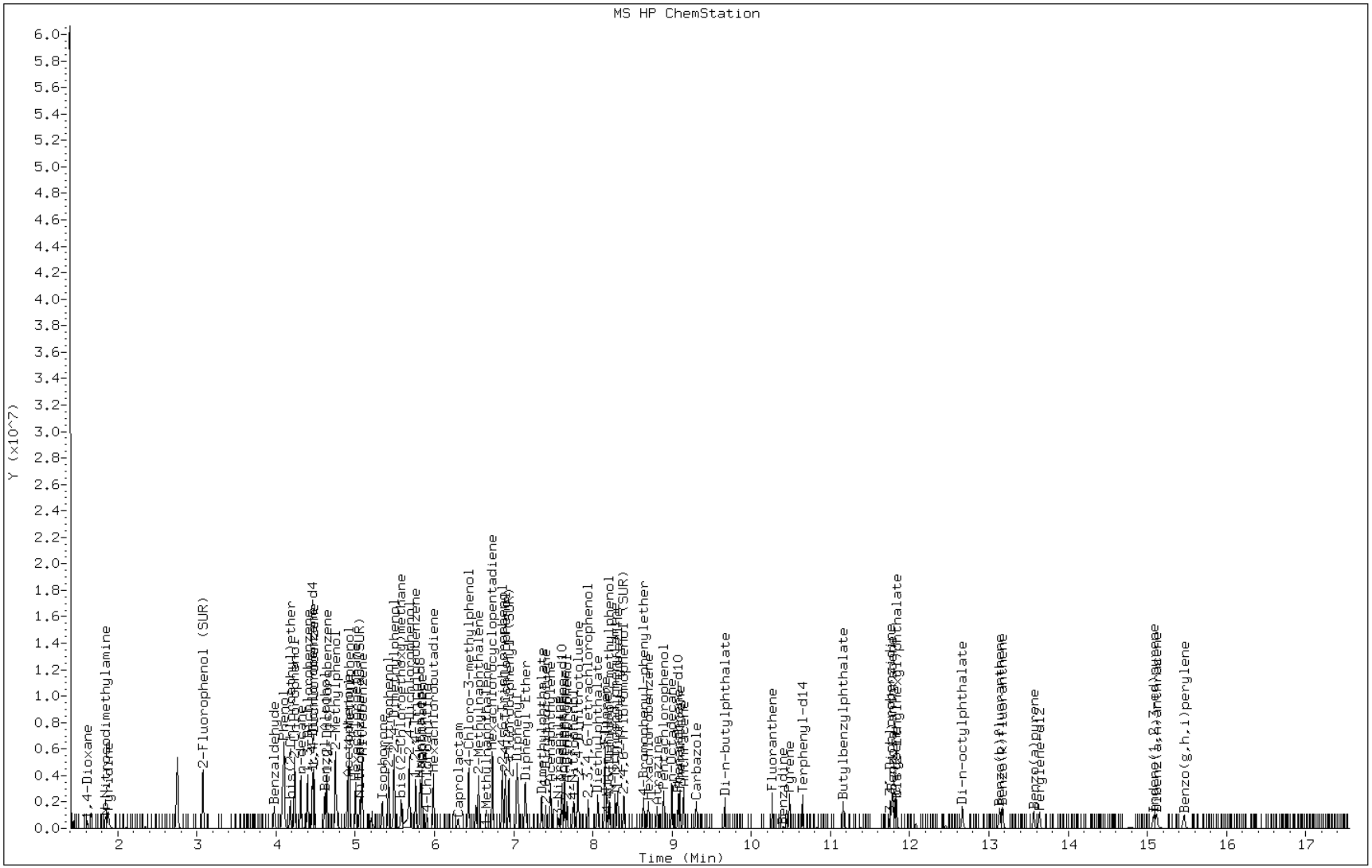
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: p19375.d

Date: 18-SEP-2011 03:33

Client ID: Instrument: BNAMS10.i

Sample Info: LCS 460-86273/2-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-86534/2-A

Matrix: Solid | Lab File ID: u70283.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/19/2011 12:00

Sample wt/vol: 15.00(g) | Date Analyzed: 09/21/2011 00:43

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.: 86807 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	4470		330	41
95-57-8	2-Chlorophenol	4730		330	44
95-48-7	2-Methylphenol	4730		330	48
106-44-5	4-Methylphenol	4350		330	54
100-52-7	Benzaldehyde	1650		330	21
98-86-2	Acetophenone	2490		330	49
111-44-4	Bis(2-chloroethyl)ether	2470		33	6.9
108-60-1	2,2'-oxybis[1-chloropropane]	2160		330	43
621-64-7	N-Nitrosodi-n-propylamine	2710		33	4.4
98-95-3	Nitrobenzene	2560		33	7.4
67-72-1	Hexachloroethane	2230		33	5.6
78-59-1	Isophorone	2610		330	38
88-75-5	2-Nitrophenol	4480		330	54
105-67-9	2,4-Dimethylphenol	4800		330	53
120-83-2	2,4-Dichlorophenol	4940		330	53
111-91-1	Bis(2-chloroethoxy)methane	2470		330	47
91-20-3	Naphthalene	2360		330	48
106-47-8	4-Chloroaniline	2040		330	42
87-68-3	Hexachlorobutadiene	2370		67	13
105-60-2	Caprolactam	3760		330	45
59-50-7	4-Chloro-3-methylphenol	4690		330	56
91-57-6	2-Methylnaphthalene	2320		330	48
118-74-1	Hexachlorobenzene	2330		33	4.6
77-47-4	Hexachlorocyclopentadiene	2040		330	97
88-06-2	2,4,6-Trichlorophenol	4630		330	59
95-95-4	2,4,5-Trichlorophenol	4550		330	64
92-52-4	Diphenyl	2170		330	55
91-58-7	2-Chloronaphthalene	2230		330	47
88-74-4	2-Nitroaniline	2470		670	91
606-20-2	2,6-Dinitrotoluene	2580		67	8.4
131-11-3	Dimethyl phthalate	2590		330	45
208-96-8	Acenaphthylene	2300		330	47
99-09-2	3-Nitroaniline	1750		670	75
83-32-9	Acenaphthene	2310		330	47

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-86534/2-A

Matrix: Solid | Lab File ID: u70283.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/19/2011 12:00

Sample wt/vol: 15.00(g) | Date Analyzed: 09/21/2011 00:43

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.: 86807 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	5230		1000	85
51-28-5	2,4-Dinitrophenol	5780		1000	70
132-64-9	Dibenzofuran	2300		330	50
84-66-2	Diethyl phthalate	2540		330	44
86-73-7	Fluorene	2470		330	56
206-44-0	Fluoranthene	2470		330	55
84-74-2	Di-n-butyl phthalate	2410		330	51
121-14-2	2,4-Dinitrotoluene	2580		67	9.7
7005-72-3	4-Chlorophenyl phenyl ether	2520		330	57
100-01-6	4-Nitroaniline	2580		670	68
534-52-1	4,6-Dinitro-2-methylphenol	5670		1000	160
101-55-3	4-Bromophenyl phenyl ether	2440		330	59
1912-24-9	Atrazine	2420		330	62
120-12-7	Anthracene	2370		330	58
86-74-8	Carbazole	2470		330	53
85-01-8	Phenanthrene	2550		330	58
87-86-5	Pentachlorophenol	5620		1000	160
129-00-0	Pyrene	2340		330	57
218-01-9	Chrysene	2300		330	48
207-08-9	Benzo[k]fluoranthene	3300		33	4.6
191-24-2	Benzo[g,h,i]perylene	2940		330	35
205-99-2	Benzo[b]fluoranthene	2900		33	4.9
50-32-8	Benzo[a]pyrene	2920		33	4.1
56-55-3	Benzo[a]anthracene	2450		33	6.1
86-30-6	N-Nitrosodiphenylamine	2290		330	54
85-68-7	Butyl benzyl phthalate	2390		330	39
117-81-7	Bis(2-ethylhexyl) phthalate	2310		330	44
117-84-0	Di-n-octyl phthalate	3110		330	39
193-39-5	Indeno[1,2,3-cd]pyrene	3040		33	5.3
53-70-3	Dibenz(a,h)anthracene	2760		33	4.0
91-94-1	3,3'-Dichlorobenzidine	1700		670	73
95-94-3	1,2,4,5-Tetrachlorobenzene	2270		330	45
58-90-2	2,3,4,6-Tetrachlorophenol	2660		330	66

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-86534/2-A

Matrix: Solid | Lab File ID: u70283.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/19/2011 12:00

Sample wt/vol: 15.00(g) | Date Analyzed: 09/21/2011 00:43

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.: 86807 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	76		38-105
4165-62-2	Phenol-d5	67		41-118
1718-51-0	Terphenyl-d14	69		16-151
118-79-6	2,4,6-Tribromophenol	72		10-120
367-12-4	2-Fluorophenol	69		37-125
321-60-8	2-Fluorobiphenyl	67		40-109

Data File: /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/u70283.d
Report Date: 21-Sep-2011 01:21

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/u70283.d
Lab Smp Id: LCS 460-86534/2-A
Inj Date : 21-SEP-2011 00:43
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : LCS 460-86534/2-A
Misc Info :
Comment :
Method : /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/8270C_08SP.m
Meth Date : 21-Sep-2011 00:28 asfawa Quant Type: ISTD
Cal Date : 20-SEP-2011 14:32 Cal File: u70276.d
Als bottle: 3 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	1.190	1.131	(0.329)	109155	21.1851	1400
	19 N-Nitrosodimethylamine	74	1.379	1.335	(0.381)	314989	35.5654	2400
	71 Pyridine	79	1.394	1.342	(0.385)	376996	27.7037	1800
$	16 2-Fluorophenol (SUR)	112	2.407	2.382	(0.665)	843473	68.8431	4600
	110 Benzaldehyde	77	3.179	3.173	(0.879)	151684	24.7032	1600
$	17 Phenol-d5 (SUR)	99	3.321	3.312	(0.918)	1227426	67.1532	4500
	1 Phenol	94	3.336	3.327	(0.922)	1243314	67.0001	4500
	73 Aniline	93	3.298	3.290	(0.912)	718439	32.3092	2200
	20 bis(2-Chloroethyl)ether	93	3.380	3.372	(0.934)	536419	37.0362	2500
	2 2-Chlorophenol	128	3.425	3.423	(0.947)	784622	71.0135	4700
	113 n-decane	43	3.477	3.480	(0.961)	460614	29.0311	1900
	21 1,3-Dichlorobenzene	146	3.559	3.562	(0.984)	428894	33.3531	2200
*	79 1,4-Dichlorobenzene-d4	152	3.618	3.622	(1.000)	340419	40.0000	

Data File: /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/u70283.d
Report Date: 21-Sep-2011 01:21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
	22 1,4-Dichlorobenzene	146	3.641	3.637	(1.006)	398753	32.8549	2200
	74 Benzyl Alcohol	108	3.803	3.799	(1.051)	323535	40.5995	2700
	23 1,2-Dichlorobenzene	146	3.788	3.791	(1.047)	429576	34.6537	2300
	3 2-Methylphenol	108	3.929	3.945	(1.086)	798447	70.8873	4700
	24 bis (2-chloroisopropyl) ether	45	3.914	3.923	(1.082)	787705	32.3963	2200
	104 Acetophenone	105	4.060	4.070	(1.122)	659089	37.3881	2500
	4 4-Methylphenol	108	4.105	4.107	(1.134)	774141	65.2594	4400
	123 3 & 4 Methylphenol	108	4.105	4.107	(1.134)	774141	63.5317	4200
	25 N-Nitroso-di-n-propylamine	70	4.075	4.085	(1.126)	357259	40.6888	2700
	26 Hexachloroethane	117	4.120	4.129	(1.139)	181318	33.5153	2200
$	76 Nitrobenzene-d5 (SUR)	82	4.201	4.211	(0.853)	613251	38.1571	2500
	27 Nitrobenzene	77	4.231	4.234	(0.859)	725296	38.4350	2600
	107 N,N-Dimethylaniline	120	4.223	4.234	(1.167)	495490	36.2437	2400
	28 Isophorone	82	4.496	4.479	(0.913)	1190640	39.1126	2600(MH)
	5 2-Nitrophenol	139	4.547	4.552	(0.924)	466736	67.1940	4500
	6 2,4-Dimethylphenol	122	4.636	4.633	(0.942)	678824	71.9365	4800
	29 bis(2-Chloroethoxy)methane	93	4.711	4.714	(0.957)	606661	37.1069	2500
	15 Benzoic Acid	122	4.908	4.870	(0.997)	302771	77.8105	5200(M)
	7 2,4-Dichlorophenol	162	4.814	4.810	(0.978)	749409	74.0378	4900
	30 1,2,4-Trichlorobenzene	180	4.871	4.870	(0.989)	356179	37.2613	2500
*	80 Naphthalene-d8	136	4.923	4.921	(1.000)	1061823	40.0000	
	31 Naphthalene	128	4.938	4.943	(1.003)	891332	35.3552	2400
	32 4-Chloroaniline	127	5.018	5.025	(1.019)	332877	30.5677	2000
	33 Hexachlorobutadiene	225	5.077	5.078	(1.031)	229093	35.4951	2400
	111 Caprolactam	113	5.467	5.459	(1.111)	168322	56.4638	3800(M)
	8 4-Chloro-3-methylphenol	107	5.562	5.560	(1.130)	834338	70.2908	4700
	34 2-Methylnaphthalene	142	5.635	5.641	(1.145)	672857	34.7754	2300
	35 Hexachlorocyclopentadiene	237	5.799	5.802	(0.870)	180216	30.6590	2000
	129 1,2,4,5-Tetrachlorobenzene	216	5.814	5.817	(0.872)	394177	33.9790	2300
	9 2,4,6-Trichlorophenol	196	5.948	5.952	(0.892)	503035	69.5187	4600
	10 2,4,5-Trichlorophenol	196	6.000	5.996	(0.900)	506209	68.1966	4500
$	77 2-Fluorobiphenyl (SUR)	172	6.015	6.019	(0.902)	740361	33.5796	2200
	102 Diphenyl	154	6.111	6.113	(0.916)	862434	32.5494	2200
	36 2-Chloronaphthalene	162	6.126	6.128	(0.919)	684427	33.5104	2200
	103 Diphenyl Ether	170	6.215	6.218	(0.932)	483057	34.0384	2300
	37 2-Nitroaniline	65	6.253	6.255	(0.938)	322265	37.0906	2500
	38 Dimethylphthalate	163	6.439	6.441	(0.966)	908698	38.9060	2600
	40 2,6-Dinitrotoluene	165	6.498	6.501	(0.974)	215203	38.7548	2600
	39 Acenaphthylene	152	6.528	6.531	(0.979)	1064877	34.5458	2300
	41 3-Nitroaniline	138	6.661	6.671	(0.999)	146134	26.2909	1800
*	82 Acenaphthene-d10	164	6.668	6.671	(1.000)	727837	40.0000	
	42 Acenaphthene	154	6.698	6.701	(1.004)	624827	34.6211	2300
	11 2,4-Dinitrophenol	184	6.780	6.790	(1.017)	220628	86.6815	5800
	12 4-Nitrophenol	65	6.891	6.887	(1.033)	367984	78.3801	5200
	44 2,4-Dinitrotoluene	165	6.906	6.909	(1.036)	262436	38.7732	2600
	43 Dibenzofuran	168	6.868	6.872	(1.030)	951095	34.4865	2300
	130 2,3,4,6-Tetrachlorophenol	232	7.017	7.018	(1.052)	231226	39.9366	2700

Data File: /chem/BNAMS4.i/8270T/09-20-11/20sep11a.b/u70283.d
Report Date: 21-Sep-2011 01:21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	45 Diethylphthalate	149	7.136	7.138	(1.070)	882014	38.0980	2500
	46 4-Chlorophenyl-phenylether	204	7.211	7.212	(1.081)	386667	37.8390	2500
	47 Fluorene	166	7.203	7.205	(1.080)	783762	37.0687	2500
	48 4-Nitroaniline	138	7.284	7.278	(1.092)	184968	38.7638	2600
	13 4,6-Dinitro-2-methylphenol	198	7.321	7.316	(0.901)	297226	85.0603	5700
	49 N-Nitrosodiphenylamine	169	7.344	7.346	(0.904)	493232	34.3475	2300
	75 1,2-Diphenylhydrazine	77	7.374	7.376	(0.908)	1243444	38.3966	2600
$	18 2,4,6-Tribromophenol (SUR)	330	7.454	7.450	(1.118)	294201	71.7617	4800
	50 4-Bromophenyl-phenylether	248	7.689	7.687	(0.947)	265682	36.5622	2400
	51 Hexachlorobenzene	284	7.755	7.759	(0.955)	268909	34.9079	2300
	112 Atrazine	200	7.887	7.885	(0.971)	203277	36.3052	2400
	14 Pentachlorophenol	266	7.960	7.958	(0.980)	328526	84.2633	5600
	115 n-Octadecane	57	8.055	8.054	(0.992)	664207	37.6483	2500
*	83 Phenanthrene-d10	188	8.122	8.114	(1.000)	882460	40.0000	
	52 Phenanthrene	178	8.145	8.143	(1.003)	878166	38.2722	2600
	53 Anthracene	178	8.188	8.195	(1.008)	869761	35.5865	2400
	54 Carbazole	167	8.365	8.365	(1.030)	832398	37.1221	2500
	55 Di-n-butylphthalate	149	8.719	8.718	(1.073)	1255313	36.1220	2400
	56 Fluoranthene	202	9.297	9.297	(1.145)	963101	36.9919	2500
	58 Benzidine	184	9.444	9.445	(1.163)	29260	8.18361	540
	57 Pyrene	202	9.510	9.516	(0.886)	957255	35.0484	2300
$	78 Terphenyl-d14	244	9.680	9.680	(0.902)	712998	34.6779	2300
	59 Butylbenzylphthalate	149	10.165	10.169	(0.947)	490683	35.7802	2400
	60 3,3'-Dichlorobenzidine	252	10.697	10.706	(0.997)	152746	25.5094	1700
	61 Benzo(a)anthracene	228	10.719	10.720	(0.999)	653693	36.7509	2400
*	81 Chrysene-d12	240	10.733	10.734	(1.000)	625064	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	10.778	10.777	(1.004)	496154	34.6273	2300
	62 Chrysene	228	10.763	10.764	(1.003)	544596	34.5046	2300
	64 Di-n-octylphthalate	149	11.530	11.535	(0.927)	806258	46.5918	3100
	65 Benzo(b)fluoranthene	252	11.972	11.975	(0.962)	444820	43.4462	2900
	66 Benzo(k)fluoranthene	252	12.009	12.011	(0.965)	489445	49.4453	3300
	67 Benzo(a)pyrene	252	12.377	12.378	(0.995)	360990	43.7408	2900(M)
*	84 Perylene-d12	264	12.443	12.445	(1.000)	295610	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	13.822	13.826	(1.111)	339634	45.6576	3000
	69 Dibenz(a,h)anthracene	278	13.829	13.834	(1.111)	277789	41.3958	2800
	70 Benzo(g,h,i)perylene	276	14.146	14.147	(1.137)	284770	44.0846	2900

QC Flag Legend

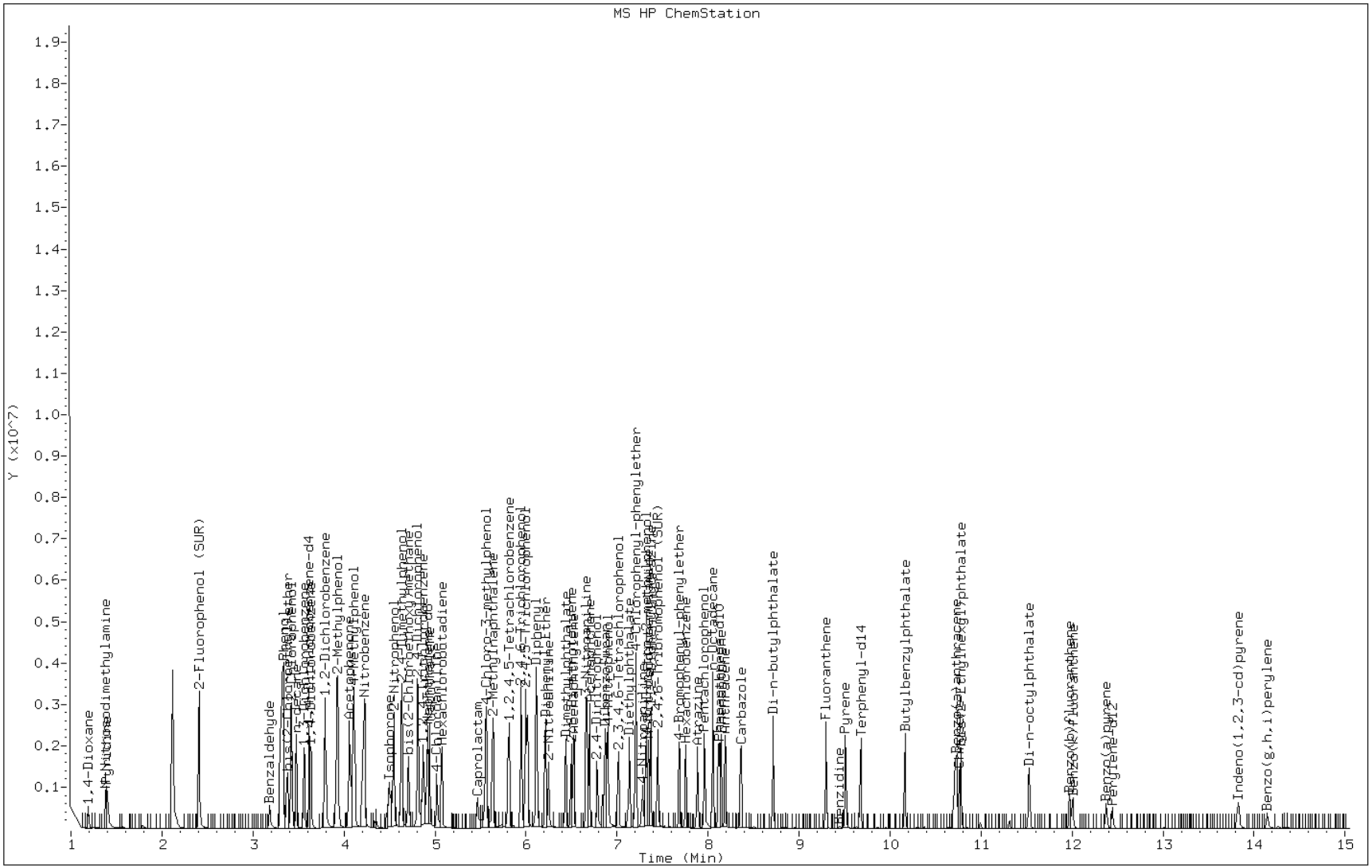
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: u70283.d

Date: 21-SEP-2011 00:43

Client ID: Instrument: BNAMS4.i

Sample Info: LCS 460-86534/2-A Operator: BNAMS 4



Manual Integration Report

Data File: u70283.d
Inj. Date and Time: 21-SEP-2011 00:43
Instrument ID: BNAMS4.i
Client ID:
Compound: 28 Isophorone
CAS #: 78-59-1
Report Date: 09/21/2011

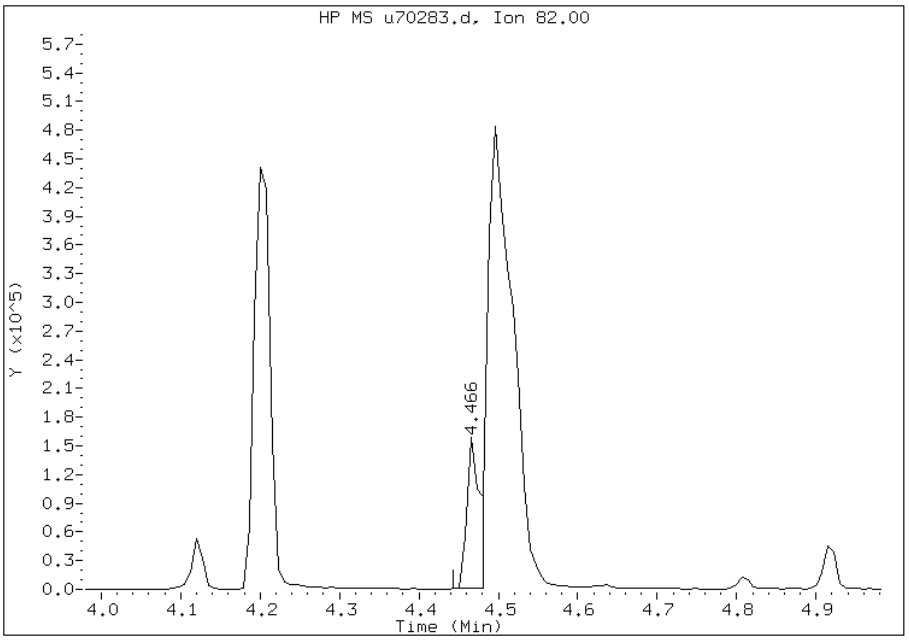
Processing Integration Results

RT: 4.47

Response: 184242

Amount: 6

Conc: 403



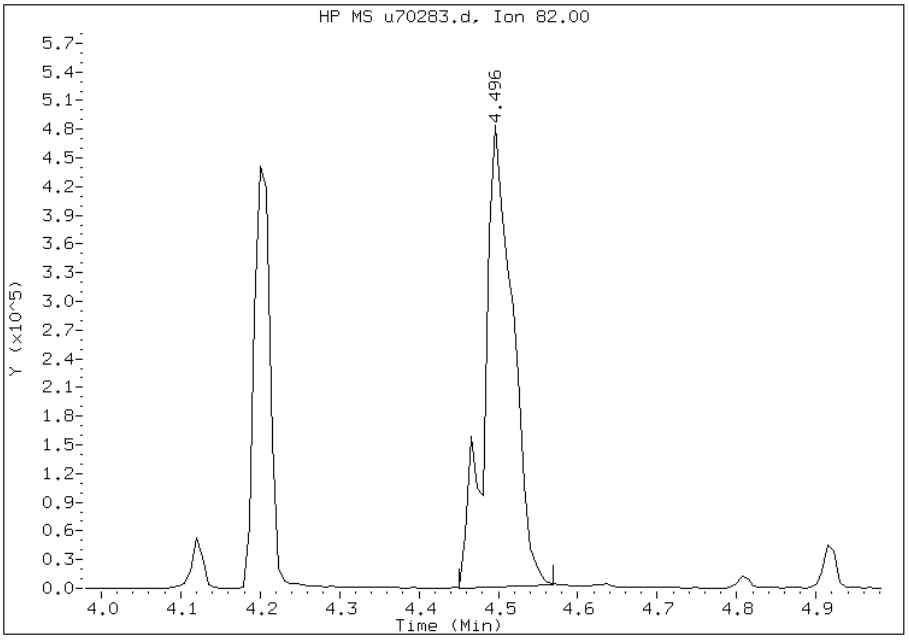
Manual Integration Results

RT: 4.50

Response: 1190640

Amount: 39

Conc: 2608



Manually Integrated By: wahied
Manual Integration Reason:

Manual Integration Report

Data File: u70283.d
Inj. Date and Time: 21-SEP-2011 00:43
Instrument ID: BNAMS4.i
Client ID:
Compound: 111 Caprolactam
CAS #: 105-60-2
Report Date: 09/21/2011

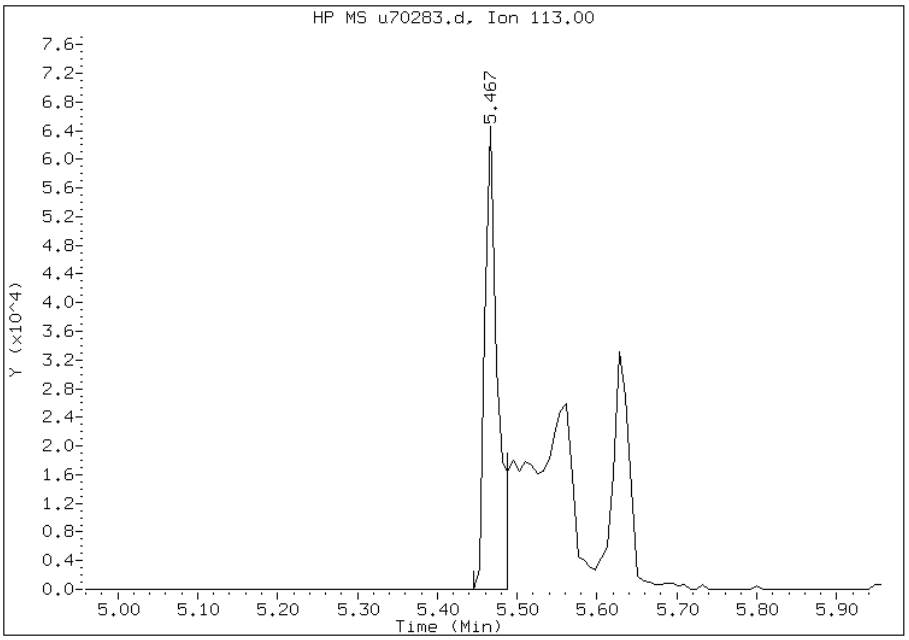
Processing Integration Results

RT: 5.47

Response: 73675

Amount: 22

Conc: 1489



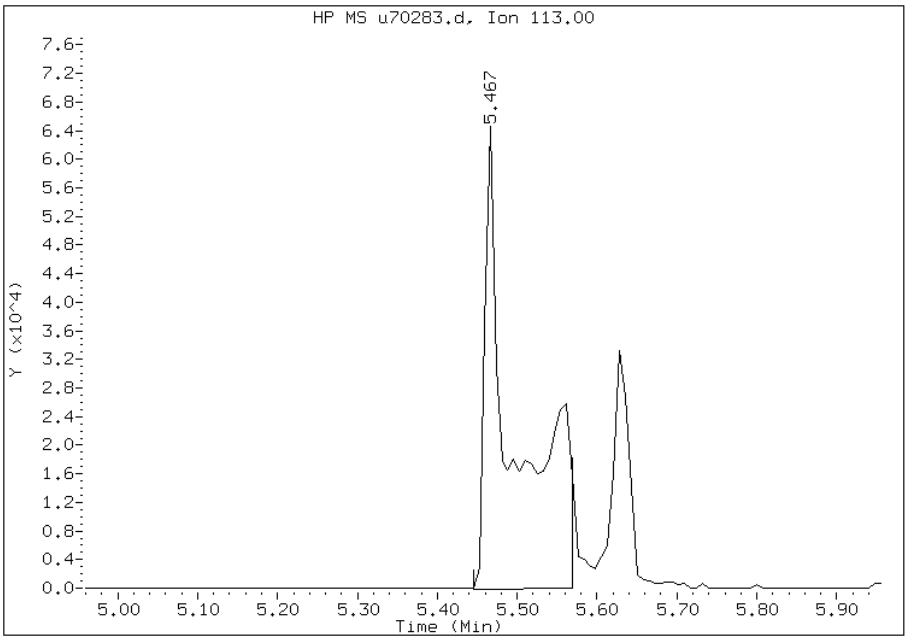
Manual Integration Results

RT: 5.47

Response: 168322

Amount: 56

Conc: 3764



Manually Integrated By: wahied
Manual Integration Reason:

Manual Integration Report

Data File: u70283.d
Inj. Date and Time: 21-SEP-2011 00:43
Instrument ID: BNAMS4.i
Client ID:
Compound: 67 Benzo(a)pyrene
CAS #: 50-32-8
Report Date: 09/21/2011

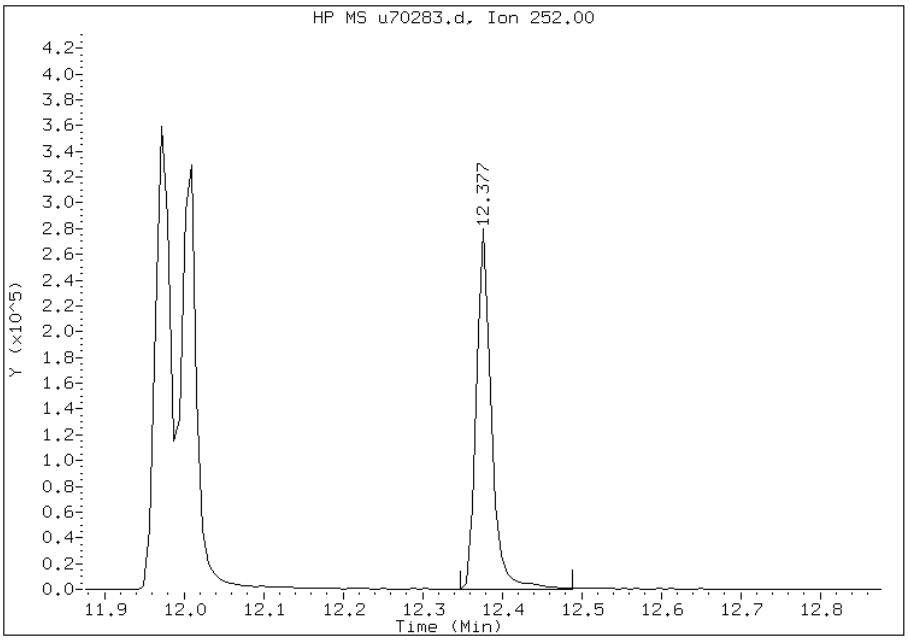
Processing Integration Results

RT: 12.38

Response: 383399

Amount: 46

Conc: 3097



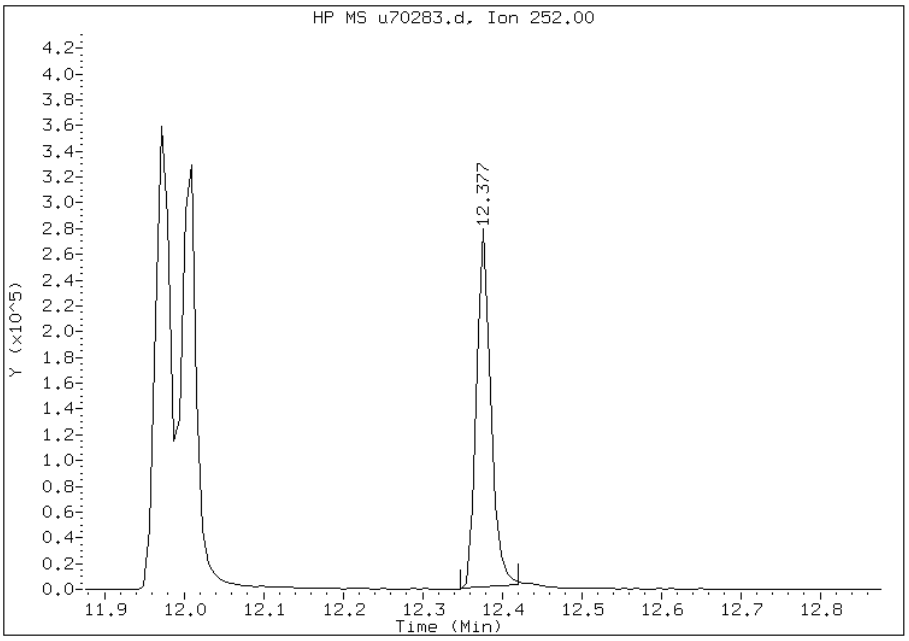
Manual Integration Results

RT: 12.38

Response: 360990

Amount: 44

Conc: 2916



Manually Integrated By: wahied
Manual Integration Reason:

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-86659/2-A

Matrix: Solid | Lab File ID: z10022.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/20/2011 13:00

Sample wt/vol: 15.00(g) | Date Analyzed: 09/21/2011 01:23

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.: 86827 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	4480		330	41
95-57-8	2-Chlorophenol	4850		330	44
95-48-7	2-Methylphenol	5170		330	48
106-44-5	4-Methylphenol	4580		330	54
100-52-7	Benzaldehyde	1980		330	21
98-86-2	Acetophenone	2630		330	49
111-44-4	Bis(2-chloroethyl)ether	2410		33	6.9
108-60-1	2,2'-oxybis[1-chloropropane]	2240		330	43
621-64-7	N-Nitrosodi-n-propylamine	2530		33	4.4
98-95-3	Nitrobenzene	2480		33	7.4
67-72-1	Hexachloroethane	2410		33	5.6
78-59-1	Isophorone	2550		330	38
88-75-5	2-Nitrophenol	5230		330	54
105-67-9	2,4-Dimethylphenol	5030		330	53
120-83-2	2,4-Dichlorophenol	4950		330	53
111-91-1	Bis(2-chloroethoxy)methane	2600		330	47
91-20-3	Naphthalene	2620		330	48
106-47-8	4-Chloroaniline	1630		330	42
87-68-3	Hexachlorobutadiene	2590		67	13
105-60-2	Caprolactam	2230		330	45
59-50-7	4-Chloro-3-methylphenol	4920		330	56
91-57-6	2-Methylnaphthalene	2630		330	48
118-74-1	Hexachlorobenzene	2830		33	4.6
77-47-4	Hexachlorocyclopentadiene	2530		330	97
88-06-2	2,4,6-Trichlorophenol	5350		330	59
95-95-4	2,4,5-Trichlorophenol	4880		330	64
92-52-4	Diphenyl	2710		330	55
91-58-7	2-Chloronaphthalene	2670		330	47
88-74-4	2-Nitroaniline	2690		670	91
606-20-2	2,6-Dinitrotoluene	2480		67	8.4
131-11-3	Dimethyl phthalate	2450		330	45
208-96-8	Acenaphthylene	2550		330	47
99-09-2	3-Nitroaniline	1520		670	75
83-32-9	Acenaphthene	2630		330	47

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-86659/2-A

Matrix: Solid | Lab File ID: z10022.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/20/2011 13:00

Sample wt/vol: 15.00(g) | Date Analyzed: 09/21/2011 01:23

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.: 86827 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	4640		1000	85
51-28-5	2,4-Dinitrophenol	3860		1000	70
132-64-9	Dibenzofuran	2600		330	50
84-66-2	Diethyl phthalate	2330		330	44
86-73-7	Fluorene	2510		330	56
206-44-0	Fluoranthene	2310		330	55
84-74-2	Di-n-butyl phthalate	2380		330	51
121-14-2	2,4-Dinitrotoluene	2380		67	9.7
7005-72-3	4-Chlorophenyl phenyl ether	2570		330	57
100-01-6	4-Nitroaniline	1900		670	68
534-52-1	4,6-Dinitro-2-methylphenol	5330		1000	160
101-55-3	4-Bromophenyl phenyl ether	2950		330	59
1912-24-9	Atrazine	2430		330	62
120-12-7	Anthracene	2670		330	58
86-74-8	Carbazole	2500		330	53
85-01-8	Phenanthrene	2700		330	58
87-86-5	Pentachlorophenol	5330		1000	160
129-00-0	Pyrene	2830		330	57
218-01-9	Chrysene	2690		330	48
207-08-9	Benzo[k]fluoranthene	2680		33	4.6
191-24-2	Benzo[g,h,i]perylene	2850		330	35
205-99-2	Benzo[b]fluoranthene	2630		33	4.9
50-32-8	Benzo[a]pyrene	2550		33	4.1
56-55-3	Benzo[a]anthracene	2600		33	6.1
86-30-6	N-Nitrosodiphenylamine	2880		330	54
85-68-7	Butyl benzyl phthalate	2570		330	39
117-81-7	Bis(2-ethylhexyl) phthalate	2390		330	44
117-84-0	Di-n-octyl phthalate	2250		330	39
193-39-5	Indeno[1,2,3-cd]pyrene	2790		33	5.3
53-70-3	Dibenz(a,h)anthracene	2880		33	4.0
91-94-1	3,3'-Dichlorobenzidine	1910		670	73
95-94-3	1,2,4,5-Tetrachlorobenzene	2710		330	45
58-90-2	2,3,4,6-Tetrachlorophenol	2520		330	66

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-86659/2-A

Matrix: Solid | Lab File ID: z10022.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/20/2011 13:00

Sample wt/vol: 15.00(g) | Date Analyzed: 09/21/2011 01:23

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.: 86827 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	73		38-105
4165-62-2	Phenol-d5	68		41-118
1718-51-0	Terphenyl-d14	82		16-151
118-79-6	2,4,6-Tribromophenol	74		10-120
367-12-4	2-Fluorophenol	63		37-125
321-60-8	2-Fluorobiphenyl	79		40-109

Data File: /chem/BNAMS11.i/8270/09-13-11/20sep11a.b/z10022.d
Report Date: 21-Sep-2011 01:45

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-13-11/20sep11a.b/z10022.d
Lab Smp Id: LCS 460-86659/2-A
Inj Date : 21-SEP-2011 01:23
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : LCS 460-86659/2-A
Misc Info :
Comment :
Method : /chem/BNAMS11.i/8270/09-13-11/20sep11a.b/8270C_08SP.m
Meth Date : 21-Sep-2011 00:58 asfawa Quant Type: ISTD
Cal Date : 13-SEP-2011 14:23 Cal File: z19792.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	1.419	1.325	(0.365)	161106	20.0841	1300(H)
	19 N-Nitrosodimethylamine	74	1.613	1.537	(0.415)	354814	34.1969	2300(H)
	71 Pyridine	79	1.637	1.555	(0.421)	521718	27.4941	1800
$	16 2-Fluorophenol (SUR)	112	2.655	2.619	(0.683)	1126710	62.9244	4200
	110 Benzaldehyde	77	3.443	3.437	(0.886)	162602	29.6541	2000
$	17 Phenol-d5 (SUR)	99	3.554	3.554	(0.915)	1280641	68.0846	4500
	1 Phenol	94	3.572	3.566	(0.920)	1402745	67.1640	4500
	73 Aniline	93	3.560	3.560	(0.917)	695854	30.4130	2000
	20 bis(2-Chloroethyl)ether	93	3.631	3.631	(0.935)	581306	36.1412	2400
	2 2-Chlorophenol	128	3.684	3.684	(0.948)	1231483	72.7045	4800
	113 n-decane	43	3.743	3.743	(0.964)	513764	28.8892	1900
	21 1,3-Dichlorobenzene	146	3.831	3.831	(0.986)	716784	36.8366	2400
*	79 1,4-Dichlorobenzene-d4	152	3.884	3.890	(1.000)	471902	40.0000	

Data File: /chem/BNAMS11.i/8270/09-13-11/20sep11a.b/z10022.d
Report Date: 21-Sep-2011 01:45

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
	22 1,4-Dichlorobenzene	146	3.901	3.902	(1.005)	742326	38.3207	2600
	74 Benzyl Alcohol	108	4.037	4.043	(1.039)	364430	41.3459	2800
	23 1,2-Dichlorobenzene	146	4.054	4.060	(1.044)	682248	38.7995	2600
	3 2-Methylphenol	108	4.166	4.178	(1.073)	986182	77.5437	5200
	24 bis (2-chloroisopropyl) ether	45	4.172	4.178	(1.074)	604599	33.5415	2200
	104 Acetophenone	105	4.301	4.313	(1.108)	764603	39.5244	2600
	4 4-Methylphenol	108	4.331	4.337	(1.115)	929963	68.6295	4600
	123 3 & 4 Methylphenol	108	4.331	4.337	(1.115)	929963	68.4999	4600
	25 N-Nitroso-di-n-propylamine	70	4.319	4.325	(1.112)	358167	37.8777	2500
	26 Hexachloroethane	117	4.390	4.396	(1.130)	279957	36.1804	2400
$	76 Nitrobenzene-d5 (SUR)	82	4.449	4.454	(0.859)	617831	36.4265	2400
	27 Nitrobenzene	77	4.472	4.478	(0.864)	858211	37.1779	2500
	107 N,N-Dimethylaniline	120	4.478	4.484	(1.153)	895123	43.2143	2900
	28 Isophorone	82	4.731	4.725	(0.914)	911794	38.3055	2600
	5 2-Nitrophenol	139	4.796	4.796	(0.926)	607383	78.3803	5200
	6 2,4-Dimethylphenol	122	4.866	4.866	(0.940)	916106	75.5064	5000
	29 bis(2-Chloroethoxy)methane	93	4.948	4.949	(0.956)	572963	38.9710	2600
	15 Benzoic Acid	122	5.043	5.019	(0.974)	331245	60.1156	4000
	7 2,4-Dichlorophenol	162	5.048	5.048	(0.975)	776973	74.2183	4900
	30 1,2,4-Trichlorobenzene	180	5.125	5.125	(0.990)	492224	38.7142	2600
*	80 Naphthalene-d8	136	5.178	5.178	(1.000)	1565738	40.0000	
	31 Naphthalene	128	5.196	5.196	(1.003)	1673266	39.2660	2600
	32 4-Chloroaniline	127	5.260	5.266	(1.016)	355530	24.4477	1600
	33 Hexachlorobutadiene	225	5.337	5.337	(1.031)	312366	38.7808	2600
	111 Caprolactam	113	5.648	5.643	(1.091)	96247	33.4077	2200
	8 4-Chloro-3-methylphenol	107	5.784	5.778	(1.117)	757526	73.8281	4900
	34 2-Methylnaphthalene	142	5.895	5.896	(1.139)	971695	39.3975	2600
	35 Hexachlorocyclopentadiene	237	6.060	6.066	(0.875)	241916	38.0000	2500
	129 1,2,4,5-Tetrachlorobenzene	216	6.066	6.066	(0.876)	431112	40.5995	2700
	9 2,4,6-Trichlorophenol	196	6.190	6.190	(0.894)	480565	80.2519	5400
	10 2,4,5-Trichlorophenol	196	6.231	6.231	(0.900)	438845	73.2047	4900
$	77 2-Fluorobiphenyl (SUR)	172	6.266	6.266	(0.905)	946747	39.7219	2600
	102 Diphenyl	154	6.366	6.366	(0.919)	1125465	40.6857	2700
	36 2-Chloronaphthalene	162	6.378	6.378	(0.921)	798308	40.0750	2700
	103 Diphenyl Ether	170	6.466	6.472	(0.934)	563555	40.3268	2700
	37 2-Nitroaniline	65	6.484	6.490	(0.936)	267212	40.3687	2700
	125 1,3-Dimethylnaphthalene	156	6.713	6.595	(0.969)	79	0.00458	0.30(a)
	38 Dimethylphthalate	163	6.678	6.678	(0.964)	702204	36.7620	2400
	40 2,6-Dinitrotoluene	165	6.731	6.731	(0.972)	157049	37.2482	2500
	39 Acenaphthylene	152	6.784	6.784	(0.980)	1154734	38.2128	2500
	41 3-Nitroaniline	138	6.890	6.895	(0.995)	100872	22.7468	1500
*	82 Acenaphthene-d10	164	6.925	6.925	(1.000)	629912	40.0000	
	42 Acenaphthene	154	6.954	6.954	(1.004)	729092	39.4610	2600
	11 2,4-Dinitrophenol	184	6.995	7.001	(1.010)	135398	57.9585	3900
	12 4-Nitrophenol	65	7.090	7.090	(1.024)	239780	69.5723	4600
	44 2,4-Dinitrotoluene	165	7.125	7.131	(1.029)	192995	35.6826	2400
	43 Dibenzofuran	168	7.125	7.125	(1.029)	969560	39.0539	2600

Data File: /chem/BNAMS11.i/8270/09-13-11/20sep11a.b/z10022.d
Report Date: 21-Sep-2011 01:45

			QUANT SIG					CONCENTRATIONS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	130	2,3,4,6-Tetrachlorophenol	232	7.260	7.260	(1.048)	158257	37.8023	2500
	45	Diethylphthalate	149	7.378	7.378	(1.065)	674359	34.9995	2300
	46	4-Chlorophenyl-phenylether	204	7.472	7.472	(1.079)	350692	38.5575	2600
	47	Fluorene	166	7.460	7.460	(1.077)	757469	37.7087	2500
	48	4-Nitroaniline	138	7.495	7.495	(1.082)	113856	28.4292	1900
	13	4,6-Dinitro-2-methylphenol	198	7.531	7.525	(0.899)	180960	79.9633	5300
	49	N-Nitrosodiphenylamine	169	7.589	7.590	(0.906)	446802	43.1970	2900
	75	1,2-Diphenylhydrazine	77	7.625	7.625	(0.910)	841908	44.7984	3000
$	18	2,4,6-Tribromophenol (SUR)	330	7.701	7.701	(1.112)	205361	73.6847	4900
	50	4-Bromophenyl-phenylether	248	7.942	7.942	(0.948)	186117	44.2855	3000
	51	Hexachlorobenzene	284	8.007	8.007	(0.956)	198782	42.4711	2800
	112	Atrazine	200	8.125	8.125	(0.970)	131733	36.3874	2400
	14	Pentachlorophenol	266	8.207	8.201	(0.980)	189089	79.9067	5300
	115	n-Octadecane	57	8.307	8.307	(0.992)	507362	50.1457	3300
*	83	Phenanthrene-d10	188	8.378	8.372	(1.000)	676057	40.0000	
	52	Phenanthrene	178	8.395	8.395	(1.002)	794557	40.5148	2700
	53	Anthracene	178	8.448	8.448	(1.008)	794612	40.0454	2700
	54	Carbazole	167	8.613	8.613	(1.028)	603280	37.4529	2500
	55	Di-n-butylphthalate	149	8.972	8.972	(1.071)	806931	35.7093	2400
	56	Fluoranthene	202	9.560	9.554	(1.141)	596047	34.7102	2300
	58	Benzidine	184	9.701	9.695	(1.158)	17252	4.73646	320(aR)
	57	Pyrene	202	9.778	9.772	(0.886)	578131	42.4409	2800
$	78	Terphenyl-d14	244	9.942	9.942	(0.901)	398073	41.1386	2700
	59	Butylbenzylphthalate	149	10.442	10.436	(0.947)	242791	38.4775	2600
	60	3,3'-Dichlorobenzidine	252	11.001	11.001	(0.997)	89437	28.7000	1900
	61	Benzo(a)anthracene	228	11.019	11.019	(0.999)	412530	39.0432	2600
*	81	Chrysene-d12	240	11.030	11.030	(1.000)	337954	40.0000	
	63	bis(2-Ethylhexyl)phthalate	149	11.089	11.089	(1.005)	312688	35.8855	2400
	62	Chrysene	228	11.060	11.054	(1.003)	389524	40.4049	2700
	64	Di-n-octylphthalate	149	11.889	11.883	(0.927)	444088	33.7409	2200
	65	Benzo(b)fluoranthene	252	12.330	12.325	(0.962)	339408	39.4849	2600
	66	Benzo(k)fluoranthene	252	12.366	12.360	(0.965)	355353	40.1870	2700
	67	Benzo(a)pyrene	252	12.748	12.742	(0.994)	274728	38.2409	2500
*	84	Perylene-d12	264	12.819	12.819	(1.000)	287726	40.0000	
	68	Indeno(1,2,3-cd)pyrene	276	14.207	14.201	(1.108)	287246	41.7825	2800
	69	Dibenz(a,h)anthracene	278	14.242	14.236	(1.111)	282588	43.1587	2900
	70	Benzo(g,h,i)perylene	276	14.560	14.554	(1.136)	294847	42.7555	2800

QC Flag Legend

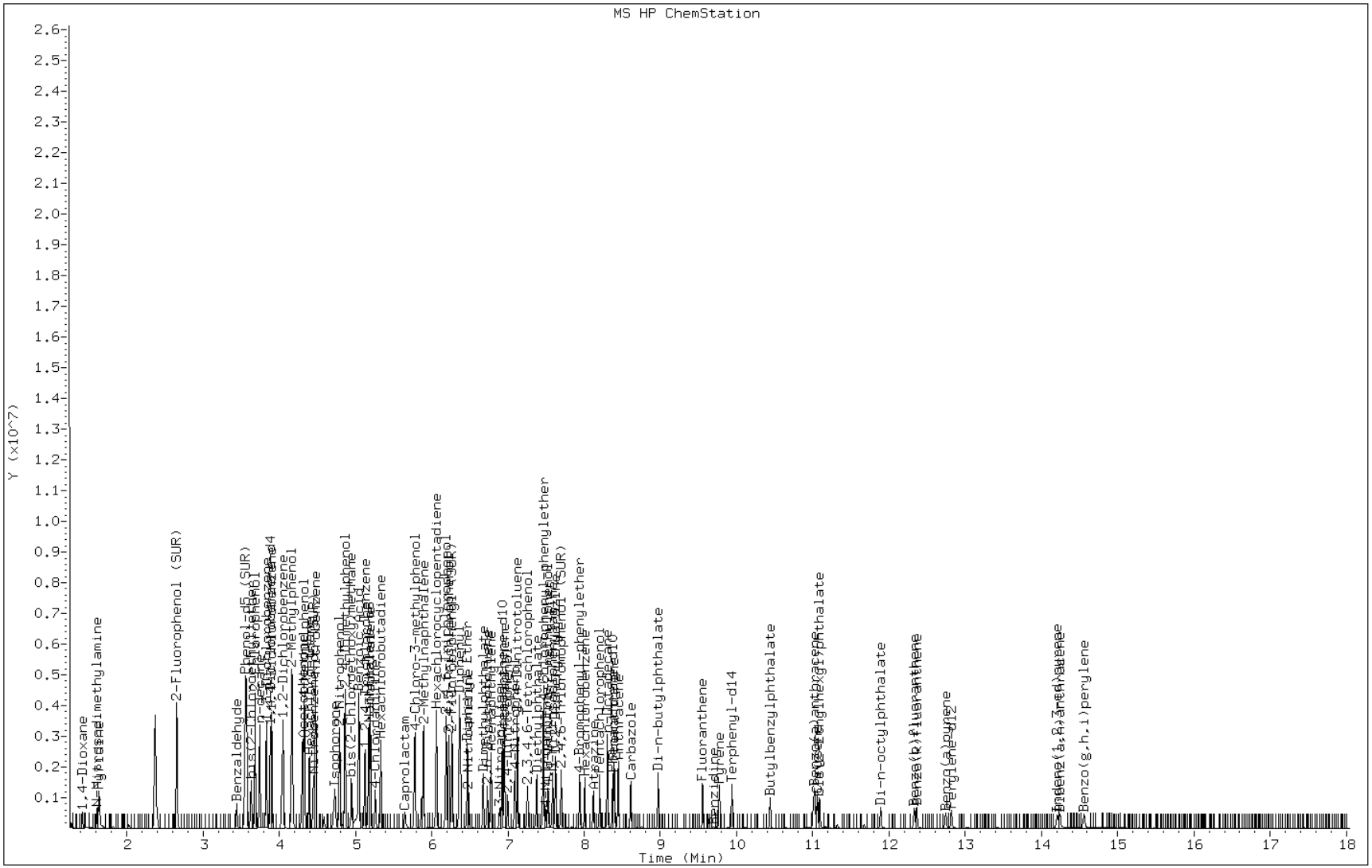
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Data File: z10022.d

Date: 21-SEP-2011 01:23

Client ID: Instrument: BNAMS11.i

Sample Info: LCS 460-86659/2-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-85863/3-A

Matrix: Water | Lab File ID: z19812.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 09/13/2011 07:53

Sample wt/vol: 1000(mL) | Date Analyzed: 09/14/2011 05:55

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.: 86052 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	30.6		10	0.81
95-57-8	2-Chlorophenol	87.9		10	2.2
95-48-7	2-Methylphenol	74.1		10	1.8
106-44-5	4-Methylphenol	58.8		10	1.6
100-52-7	Benzaldehyde	171		10	2.0
98-86-2	Acetophenone	95.9		10	2.7
111-44-4	Bis(2-chloroethyl)ether	87.6		1.0	0.28
108-60-1	2,2'-oxybis[1-chloropropane]	87.9		10	2.0
621-64-7	N-Nitrosodi-n-propylamine	98.0		1.0	0.25
98-95-3	Nitrobenzene	92.2		1.0	0.30
67-72-1	Hexachloroethane	84.9		1.0	0.25
78-59-1	Isophorone	91.9		10	2.7
88-75-5	2-Nitrophenol	94.4		10	2.4
105-67-9	2,4-Dimethylphenol	88.0		10	3.4
120-83-2	2,4-Dichlorophenol	97.2		10	2.6
111-91-1	Bis(2-chloroethoxy)methane	95.5		10	2.6
91-20-3	Naphthalene	93.7		10	2.7
106-47-8	4-Chloroaniline	94.3		10	2.0
87-68-3	Hexachlorobutadiene	89.7		2.0	0.57
105-60-2	Caprolactam	17.4		10	2.5
59-50-7	4-Chloro-3-methylphenol	87.4		10	2.5
91-57-6	2-Methylnaphthalene	93.4		10	3.0
118-74-1	Hexachlorobenzene	97.2		1.0	0.29
77-47-4	Hexachlorocyclopentadiene	98.2		10	1.7
88-06-2	2,4,6-Trichlorophenol	100		10	2.4
95-95-4	2,4,5-Trichlorophenol	100		10	2.6
92-52-4	Diphenyl	97.4		10	2.8
91-58-7	2-Chloronaphthalene	97.7		10	2.7
88-74-4	2-Nitroaniline	102		20	4.9
606-20-2	2,6-Dinitrotoluene	90.6		2.0	0.61
131-11-3	Dimethyl phthalate	90.2		10	2.8
208-96-8	Acenaphthylene	96.4		10	2.7
99-09-2	3-Nitroaniline	85.3		20	5.0
83-32-9	Acenaphthene	94.5		10	2.7

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-85863/3-A

Matrix: Water | Lab File ID: z19812.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 09/13/2011 07:53

Sample wt/vol: 1000(mL) | Date Analyzed: 09/14/2011 05:55

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.: 86052 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	22.1	J	30	6.7
51-28-5	2,4-Dinitrophenol	78.5		30	5.4
132-64-9	Dibenzofuran	95.1		10	2.8
84-66-2	Diethyl phthalate	87.7		10	2.9
86-73-7	Fluorene	93.7		10	2.8
206-44-0	Fluoranthene	84.0		10	3.2
84-74-2	Di-n-butyl phthalate	88.4		10	2.9
121-14-2	2,4-Dinitrotoluene	83.4		2.0	0.47
7005-72-3	4-Chlorophenyl phenyl ether	95.3		10	2.5
100-01-6	4-Nitroaniline	81.8		20	5.8
534-52-1	4,6-Dinitro-2-methylphenol	95.3		30	4.7
101-55-3	4-Bromophenyl phenyl ether	105		10	2.5
1912-24-9	Atrazine	88.2		10	3.0
120-12-7	Anthracene	97.6		10	2.8
86-74-8	Carbazole	90.6		10	3.2
85-01-8	Phenanthrene	97.5		10	3.1
87-86-5	Pentachlorophenol	90.5		30	5.3
129-00-0	Pyrene	102		10	2.9
218-01-9	Chrysene	98.3		10	3.1
207-08-9	Benzo[k]fluoranthene	99.6		1.0	0.26
191-24-2	Benzo[g,h,i]perylene	108		10	2.0
205-99-2	Benzo[b]fluoranthene	104		1.0	0.26
50-32-8	Benzo[a]pyrene	97.7		1.0	0.14
56-55-3	Benzo[a]anthracene	92.5		1.0	0.27
86-30-6	N-Nitrosodiphenylamine	102		10	2.9
85-68-7	Butyl benzyl phthalate	96.6		10	2.5
117-81-7	Bis(2-ethylhexyl) phthalate	96.5		10	2.0
117-84-0	Di-n-octyl phthalate	93.9		10	1.5
193-39-5	Indeno[1,2,3-cd]pyrene	110		1.0	0.15
53-70-3	Dibenz(a,h)anthracene	111		1.0	0.090
91-94-1	3,3'-Dichlorobenzidine	109		20	4.9
95-94-3	1,2,4,5-Tetrachlorobenzene	97.5		10	2.6
58-90-2	2,3,4,6-Tetrachlorophenol	94.5		10	2.5

Data File: /chem/BNAMS11.i/8270/09-13-11/14sep11a.b/z19812.d
Report Date: 14-Sep-2011 15:38

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-13-11/14sep11a.b/z19812.d
Lab Smp Id: LCSD 460-85863/3-A
Inj Date : 14-SEP-2011 05:55
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : LCSD 460-85863/3-A
Misc Info : LCSD 460-85863/3-A
Comment :
Method : /chem/BNAMS11.i/8270/09-13-11/14sep11a.b/8270C_08SP.m
Meth Date : 14-Sep-2011 03:12 asfawa Quant Type: ISTD
Cal Date : 13-SEP-2011 14:23 Cal File: z19792.d
Als bottle: 9 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)	CONCENTRATIONS FINAL (ug/L)
106 1,4-Dioxane	88	1.520	1.503	(0.370)	137070	22.2099	44
19 N-Nitrosodimethylamine	74	1.732	1.720	(0.422)	186523	23.3659	47
71 Pyridine	79	1.761	1.738	(0.429)	342540	23.4628	47
$ 16 2-Fluorophenol (SUR)	112	2.838	2.832	(0.691)	317793	23.0683	46
110 Benzaldehyde	77	3.667	3.667	(0.893)	360126	85.3646	170(R)
$ 17 Phenol-d5 (SUR)	99	3.749	3.767	(0.913)	201128	13.8982	28
1 Phenol	94	3.761	3.779	(0.916)	246028	15.3111	31
73 Aniline	93	3.779	3.785	(0.920)	662105	37.6126	75
20 bis(2-Chloroethyl)ether	93	3.844	3.850	(0.936)	542140	43.8101	88
2 2-Chlorophenol	128	3.902	3.908	(0.950)	572811	43.9551	88
113 n-decane	43	3.961	3.961	(0.964)	519310	37.9545	76
21 1,3-Dichlorobenzene	146	4.055	4.055	(0.987)	658326	43.9741	88
* 79 1,4-Dichlorobenzene-d4	152	4.108	4.114	(1.000)	363067	40.0000	
22 1,4-Dichlorobenzene	146	4.126	4.132	(1.004)	679691	45.6053	91
74 Benzyl Alcohol	108	4.255	4.261	(1.036)	265324	39.1255	78

Data File: /chem/BNAMS11.i/8270/09-13-11/14sep11a.b/z19812.d
Report Date: 14-Sep-2011 15:38

							CONCENTRATIONS	
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/L)
	23 1,2-Dichlorobenzene	146	4.279	4.285	(1.042)	616036	45.5360	91
	3 2-Methylphenol	108	4.379	4.385	(1.066)	362615	37.0596	74
	24 bis (2-chloroisopropyl) ether	45	4.391	4.397	(1.069)	609230	43.9300	88
	104 Acetophenone	105	4.520	4.532	(1.100)	713498	47.9388	96
	4 4-Methylphenol	108	4.532	4.544	(1.103)	306610	29.4101	59
	123 3 & 4 Methylphenol	108	4.532	4.544	(1.103)	306464	29.3406	59
	25 N-Nitroso-di-n-propylamine	70	4.532	4.538	(1.103)	356305	48.9763	98
	26 Hexachloroethane	117	4.620	4.626	(1.125)	252783	42.4614	85
$	76 Nitrobenzene-d5 (SUR)	82	4.673	4.679	(0.866)	508527	39.9265	80
	27 Nitrobenzene	77	4.696	4.702	(0.870)	799436	46.1183	92
	107 N,N-Dimethylaniline	120	4.696	4.702	(1.143)	806791	50.6257	100(R)
	28 Isophorone	82	4.938	4.944	(0.915)	821508	45.9595	92
	5 2-Nitrophenol	139	5.014	5.014	(0.929)	274666	47.2007	94
	6 2,4-Dimethylphenol	122	5.073	5.073	(0.940)	401024	44.0157	88
	29 bis(2-Chloroethoxy)methane	93	5.161	5.161	(0.956)	526983	47.7322	95
	15 Benzoic Acid	122	5.161	5.226	(0.956)	34261	8.28012	16(H)
	7 2,4-Dichlorophenol	162	5.261	5.267	(0.975)	382092	48.6040	97
	30 1,2,4-Trichlorobenzene	180	5.343	5.344	(0.990)	439206	46.0018	92
*	80 Naphthalene-d8	136	5.396	5.396	(1.000)	1175764	40.0000	
	31 Naphthalene	128	5.414	5.420	(1.003)	1499478	46.8587	94
	32 4-Chloroaniline	127	5.473	5.479	(1.014)	514688	47.1308	94
	33 Hexachlorobutadiene	225	5.549	5.555	(1.028)	271280	44.8508	90
	111 Caprolactam	113	5.820	5.855	(1.078)	18778	8.67977	17
	8 4-Chloro-3-methylphenol	107	5.973	5.985	(1.107)	336902	43.7247	87
	34 2-Methylnaphthalene	142	6.108	6.114	(1.132)	864565	46.6804	93
	35 Hexachlorocyclopentadiene	237	6.279	6.285	(0.879)	230249	49.0929	98
	129 1,2,4,5-Tetrachlorobenzene	216	6.285	6.291	(0.880)	381333	48.7458	97
	9 2,4,6-Trichlorophenol	196	6.402	6.408	(0.896)	221315	50.1668	100
	10 2,4,5-Trichlorophenol	196	6.432	6.443	(0.900)	221631	50.1834	100
$	77 2-Fluorobiphenyl (SUR)	172	6.479	6.485	(0.907)	741922	42.2529	84
	102 Diphenyl	154	6.579	6.585	(0.921)	992818	48.7171	97
	36 2-Chloronaphthalene	162	6.596	6.596	(0.923)	716994	48.8564	98
	103 Diphenyl Ether	170	6.685	6.685	(0.936)	505889	49.1377	98
	37 2-Nitroaniline	65	6.702	6.708	(0.938)	248199	50.8968	100
	38 Dimethylphthalate	163	6.890	6.891	(0.965)	634370	45.0796	90
	40 2,6-Dinitrotoluene	165	6.943	6.949	(0.972)	140769	45.3189	91
	39 Acenaphthylene	152	7.002	7.008	(0.980)	1072738	48.1862	96
	41 3-Nitroaniline	138	7.108	7.114	(0.995)	139372	42.6606	85
*	82 Acenaphthene-d10	164	7.143	7.149	(1.000)	464064	40.0000	
	42 Acenaphthene	154	7.179	7.179	(1.005)	643313	47.2618	94
	11 2,4-Dinitrophenol	184	7.208	7.220	(1.009)	65664	39.2360	78
	12 4-Nitrophenol	65	7.285	7.296	(1.020)	28079	11.0588	22(a)
	44 2,4-Dinitrotoluene	165	7.337	7.349	(1.027)	166163	41.7010	83
	43 Dibenzofuran	168	7.349	7.349	(1.029)	869793	47.5562	95
	130 2,3,4,6-Tetrachlorophenol	232	7.473	7.479	(1.046)	145709	47.2437	94
	45 Diethylphthalate	149	7.584	7.590	(1.062)	622291	43.8395	88
	46 4-Chlorophenyl-phenylether	204	7.684	7.690	(1.076)	319131	47.6271	95

Data File: /chem/BNAMS11.i/8270/09-13-11/14sep11a.b/z19812.d
Report Date: 14-Sep-2011 15:38

			QUANT SIG					CONCENTRATIONS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/L)
	47	Fluorene	166	7.684	7.690	(1.076)	693048	46.8319	94
	48	4-Nitroaniline	138	7.708	7.714	(1.079)	120725	40.9174	82
	13	4,6-Dinitro-2-methylphenol	198	7.743	7.749	(0.900)	80642	47.6619	95
	49	N-Nitrosodiphenylamine	169	7.802	7.808	(0.907)	395977	51.2048	100
	75	1,2-Diphenylhydrazine	77	7.843	7.843	(0.912)	760853	54.1504	110
$	18	2,4,6-Tribromophenol (SUR)	330	7.920	7.926	(1.109)	101094	49.2364	98
	50	4-Bromophenyl-phenylether	248	8.167	8.167	(0.949)	165332	52.6181	100
	51	Hexachlorobenzene	284	8.232	8.237	(0.957)	169994	48.5794	97
	112	Atrazine	200	8.337	8.337	(0.969)	119334	44.0883	88
	14	Pentachlorophenol	266	8.426	8.426	(0.979)	75572	45.2314	90
	115	n-Octadecane	57	8.520	8.520	(0.990)	459531	60.7482	120
*	83	Phenanthrene-d10	188	8.602	8.602	(1.000)	505453	40.0000	
	52	Phenanthrene	178	8.626	8.626	(1.003)	714942	48.7599	98
	53	Anthracene	178	8.673	8.679	(1.008)	723712	48.7827	98
	54	Carbazole	167	8.831	8.837	(1.027)	545396	45.2878	90
	55	Di-n-butylphthalate	149	9.184	9.184	(1.068)	746509	44.1858	88
	56	Fluoranthene	202	9.790	9.790	(1.138)	539476	42.0196	84
	58	Benzidine	184	9.920	9.920	(1.153)	84801	31.1399	62
	57	Pyrene	202	10.008	10.014	(0.885)	521499	50.7894	100
$	78	Terphenyl-d14	244	10.167	10.167	(0.899)	314755	43.1539	86
	59	Butylbenzylphthalate	149	10.678	10.678	(0.944)	229748	48.3044	97
	60	3,3'-Dichlorobenzidine	252	11.272	11.273	(0.997)	115859	54.2750	110
	61	Benzo(a)anthracene	228	11.296	11.296	(0.999)	368179	46.2284	92
*	81	Chrysene-d12	240	11.308	11.308	(1.000)	254740	40.0000	
	63	bis(2-Ethylhexyl)phthalate	149	11.349	11.355	(1.004)	316839	48.2400	96
	62	Chrysene	228	11.337	11.343	(1.003)	357182	49.1529	98
	64	Di-n-octylphthalate	149	12.178	12.178	(0.925)	447006	46.9463	94
	65	Benzo(b)fluoranthene	252	12.655	12.655	(0.962)	323477	52.0179	100
	66	Benzo(k)fluoranthene	252	12.690	12.690	(0.964)	318446	49.7808	100
	67	Benzo(a)pyrene	252	13.084	13.084	(0.994)	253891	48.8510	98
*	84	Perylene-d12	264	13.161	13.161	(1.000)	208151	40.0000	
	68	Indeno(1,2,3-cd)pyrene	276	14.602	14.602	(1.109)	273686	55.0292	110
	69	Dibenz(a,h)anthracene	278	14.631	14.637	(1.112)	263224	55.5701	110
	70	Benzo(g,h,i)perylene	276	14.984	14.990	(1.139)	268828	53.8853	110

QC Flag Legend

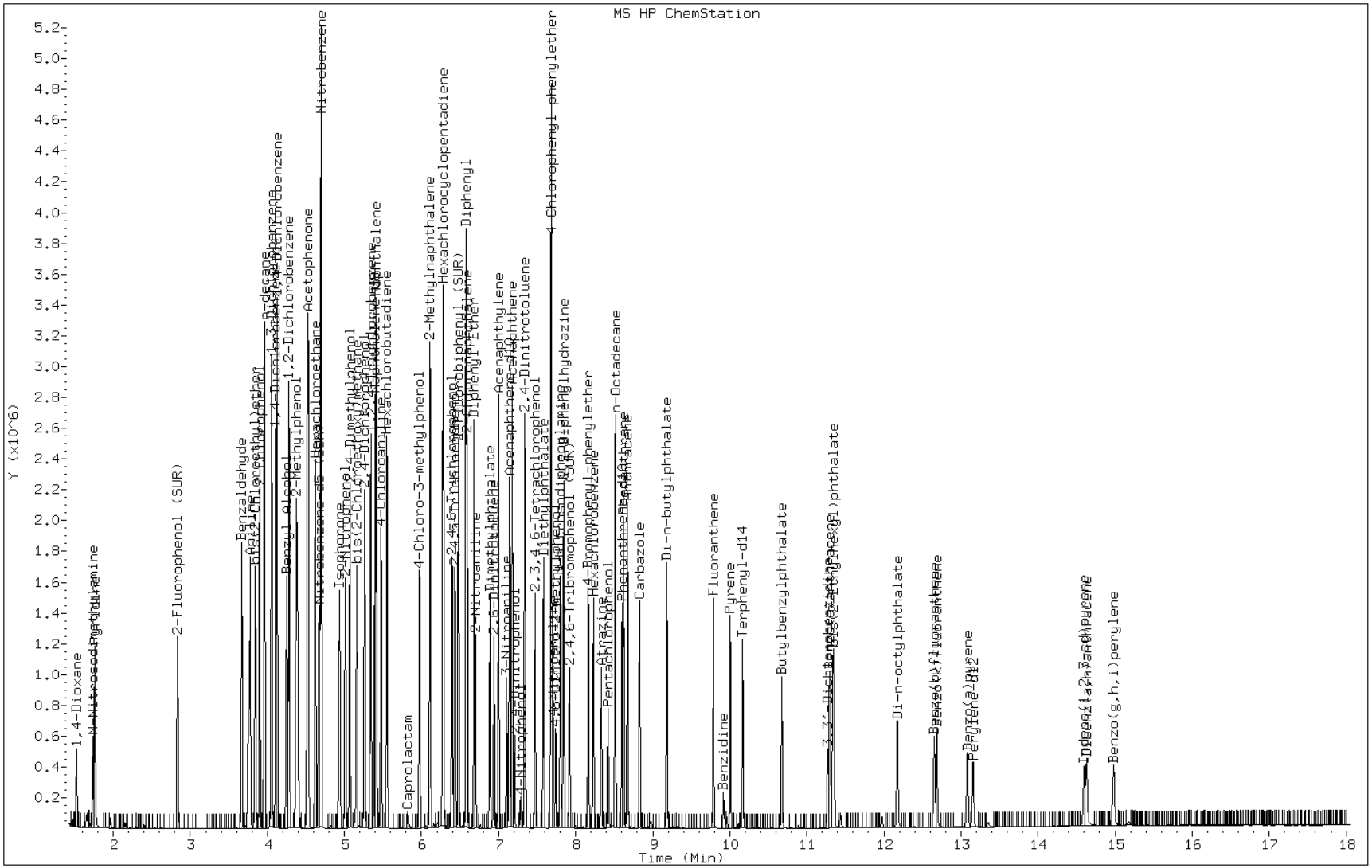
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Data File: z19812.d

Date: 14-SEP-2011 05:55

Client ID: Instrument: BNAMS11.i

Sample Info: LCSD 460-85863/3-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-4-VD-S (2.5-3.0) MS | Lab Sample ID: 460-30837-28 MS

Matrix: Solid | Lab File ID: u70306.d

Analysis Method: 8270C | Date Collected: 09/09/2011 10:35

Extract. Method: 3541 | Date Extracted: 09/19/2011 12:00

Sample wt/vol: 15.00(g) | Date Analyzed: 09/21/2011 09:03

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86807 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	4640		340	42
95-57-8	2-Chlorophenol	5310		340	46
95-48-7	2-Methylphenol	5600		340	50
106-44-5	4-Methylphenol	5040		340	56
100-52-7	Benzaldehyde	2620		340	22
98-86-2	Acetophenone	2980		340	51
111-44-4	Bis(2-chloroethyl)ether	2900		34	7.2
108-60-1	2,2'-oxybis[1-chloropropane]	2700		340	45
621-64-7	N-Nitrosodi-n-propylamine	3420		34	4.6
98-95-3	Nitrobenzene	2730		34	7.7
67-72-1	Hexachloroethane	2430		34	5.8
78-59-1	Isophorone	3000		340	40
88-75-5	2-Nitrophenol	4920		340	57
105-67-9	2,4-Dimethylphenol	5550		340	55
120-83-2	2,4-Dichlorophenol	5250		340	55
111-91-1	Bis(2-chloroethoxy)methane	2590		340	49
91-20-3	Naphthalene	2650		340	50
106-47-8	4-Chloroaniline	2090		340	43
87-68-3	Hexachlorobutadiene	2540		70	14
105-60-2	Caprolactam	1960		340	47
59-50-7	4-Chloro-3-methylphenol	5350		340	58
91-57-6	2-Methylnaphthalene	2440		340	50
118-74-1	Hexachlorobenzene	2660		34	4.8
77-47-4	Hexachlorocyclopentadiene	2180		340	100
88-06-2	2,4,6-Trichlorophenol	5370		340	62
95-95-4	2,4,5-Trichlorophenol	5320		340	66
92-52-4	Diphenyl	2650		340	57
91-58-7	2-Chloronaphthalene	2650		340	49
88-74-4	2-Nitroaniline	2940		700	94
606-20-2	2,6-Dinitrotoluene	3170		70	8.8
131-11-3	Dimethyl phthalate	3180		340	47
208-96-8	Acenaphthylene	2650		340	49
99-09-2	3-Nitroaniline	2280		700	78
83-32-9	Acenaphthene	2810		340	49

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-4-VD-S (2.5-3.0) MS | Lab Sample ID: 460-30837-28 MS

Matrix: Solid | Lab File ID: u70306.d

Analysis Method: 8270C | Date Collected: 09/09/2011 10:35

Extract. Method: 3541 | Date Extracted: 09/19/2011 12:00

Sample wt/vol: 15.00(g) | Date Analyzed: 09/21/2011 09:03

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86807 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	5180		1000	89
51-28-5	2,4-Dinitrophenol	1870		1000	73
132-64-9	Dibenzofuran	2610		340	52
84-66-2	Diethyl phthalate	3140		340	46
86-73-7	Fluorene	3000		340	58
206-44-0	Fluoranthene	2670		340	57
84-74-2	Di-n-butyl phthalate	2920		340	53
121-14-2	2,4-Dinitrotoluene	3300		70	10
7005-72-3	4-Chlorophenyl phenyl ether	2970		340	59
100-01-6	4-Nitroaniline	2710		700	71
534-52-1	4,6-Dinitro-2-methylphenol	3240		1000	160
101-55-3	4-Bromophenyl phenyl ether	2660		340	61
1912-24-9	Atrazine	2570		340	64
120-12-7	Anthracene	2630		340	61
86-74-8	Carbazole	2880		340	55
85-01-8	Phenanthrene	2750		340	60
87-86-5	Pentachlorophenol	4450		1000	170
129-00-0	Pyrene	2930		340	60
218-01-9	Chrysene	2740		340	50
207-08-9	Benzo[k]fluoranthene	3210		34	4.8
191-24-2	Benzo[g,h,i]perylene	3940		340	36
205-99-2	Benzo[b]fluoranthene	3520		34	5.1
50-32-8	Benzo[a]pyrene	3410		34	4.2
56-55-3	Benzo[a]anthracene	2910		34	6.4
86-30-6	N-Nitrosodiphenylamine	2710		340	56
85-68-7	Butyl benzyl phthalate	3190		340	40
117-81-7	Bis(2-ethylhexyl) phthalate	3110		340	46
117-84-0	Di-n-octyl phthalate	3580		340	41
193-39-5	Indeno[1,2,3-cd]pyrene	3980		34	5.5
53-70-3	Dibenz(a,h)anthracene	3550		34	4.1
91-94-1	3,3'-Dichlorobenzidine	2180		700	76
95-94-3	1,2,4,5-Tetrachlorobenzene	2590		340	46
58-90-2	2,3,4,6-Tetrachlorophenol	2970		340	69

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-4-VD-S (2.5-3.0) MS Lab Sample ID: 460-30837-28 MS

Matrix: Solid Lab File ID: u70306.d

Analysis Method: 8270C Date Collected: 09/09/2011 10:35

Extract. Method: 3541 Date Extracted: 09/19/2011 12:00

Sample wt/vol: 15.00(g) Date Analyzed: 09/21/2011 09:03

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 4.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86807 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	88		16-151
118-79-6	2,4,6-Tribromophenol	72		10-120
367-12-4	2-Fluorophenol	78		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.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-30505-A-4-B MS

Matrix: Solid | Lab File ID: u70082.d

Analysis Method: 8270C | Date Collected: 08/31/2011 13:20

Extract. Method: 3541 | Date Extracted: 09/13/2011 10:15

Sample wt/vol: 15.00(g) | Date Analyzed: 09/14/2011 06:59

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86039 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	5350		390	47
95-57-8	2-Chlorophenol	5790		390	52
95-48-7	2-Methylphenol	5700		390	56
106-44-5	4-Methylphenol	5100		390	63
100-52-7	Benzaldehyde	3550		390	24
98-86-2	Acetophenone	3140		390	57
111-44-4	Bis(2-chloroethyl)ether	3120		39	8.1
108-60-1	2,2'-oxybis[1-chloropropane]	3340		390	51
621-64-7	N-Nitrosodi-n-propylamine	3210		39	5.1
98-95-3	Nitrobenzene	3150		39	8.6
67-72-1	Hexachloroethane	2750		39	6.5
78-59-1	Isophorone	3280		390	44
88-75-5	2-Nitrophenol	5820		390	64
105-67-9	2,4-Dimethylphenol	5950		390	62
120-83-2	2,4-Dichlorophenol	5350		390	62
111-91-1	Bis(2-chloroethoxy)methane	3360		390	55
91-20-3	Naphthalene	3000		390	57
106-47-8	4-Chloroaniline	2410		390	49
87-68-3	Hexachlorobutadiene	2880		78	16
105-60-2	Caprolactam	2480		390	53
59-50-7	4-Chloro-3-methylphenol	5830		390	65
91-57-6	2-Methylnaphthalene	2560		390	56
118-74-1	Hexachlorobenzene	2900		39	5.4
77-47-4	Hexachlorocyclopentadiene	2600		390	110
88-06-2	2,4,6-Trichlorophenol	6880		390	69
95-95-4	2,4,5-Trichlorophenol	6870		390	74
92-52-4	Diphenyl	3550		390	64
91-58-7	2-Chloronaphthalene	3610		390	55
88-74-4	2-Nitroaniline	3810		780	110
606-20-2	2,6-Dinitrotoluene	3670		78	9.8
131-11-3	Dimethyl phthalate	3630		390	52
208-96-8	Acenaphthylene	3370		390	55
99-09-2	3-Nitroaniline	2710		780	87
83-32-9	Acenaphthene	3330		390	55

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-30505-A-4-B MS

Matrix: Solid | Lab File ID: u70082.d

Analysis Method: 8270C | Date Collected: 08/31/2011 13:20

Extract. Method: 3541 | Date Extracted: 09/13/2011 10:15

Sample wt/vol: 15.00(g) | Date Analyzed: 09/14/2011 06:59

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86039 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	6460		1200	99
51-28-5	2,4-Dinitrophenol	1500		1200	82
132-64-9	Dibenzofuran	3010		390	58
84-66-2	Diethyl phthalate	3150		390	52
86-73-7	Fluorene	2810		390	65
206-44-0	Fluoranthene	2170		390	64
84-74-2	Di-n-butyl phthalate	2570		390	59
121-14-2	2,4-Dinitrotoluene	3080		78	11
7005-72-3	4-Chlorophenyl phenyl ether	2820		390	66
100-01-6	4-Nitroaniline	2370		780	80
534-52-1	4,6-Dinitro-2-methylphenol	3610		1200	180
101-55-3	4-Bromophenyl phenyl ether	3180		390	69
1912-24-9	Atrazine	2860		390	72
120-12-7	Anthracene	2970		390	68
86-74-8	Carbazole	2950		390	61
85-01-8	Phenanthrene	3450		390	67
87-86-5	Pentachlorophenol	4220		1200	190
129-00-0	Pyrene	2340		390	67
218-01-9	Chrysene	3780		390	56
207-08-9	Benzo[k]fluoranthene	2640		39	5.4
191-24-2	Benzo[g,h,i]perylene	3940		390	41
205-99-2	Benzo[b]fluoranthene	2640		39	5.7
50-32-8	Benzo[a]pyrene	2790		39	4.8
56-55-3	Benzo[a]anthracene	3110		39	7.2
86-30-6	N-Nitrosodiphenylamine	3970		390	63
85-68-7	Butyl benzyl phthalate	2410		390	45
117-81-7	Bis(2-ethylhexyl) phthalate	3250		390	51
117-84-0	Di-n-octyl phthalate	1750		390	46
193-39-5	Indeno[1,2,3-cd]pyrene	3890		39	6.2
53-70-3	Dibenz(a,h)anthracene	4030		39	4.7
91-94-1	3,3'-Dichlorobenzidine	2440		780	86
95-94-3	1,2,4,5-Tetrachlorobenzene	3930		390	52
58-90-2	2,3,4,6-Tetrachlorophenol	2380		390	77

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-30505-A-4-B MS

Matrix: Solid Lab File ID: u70082.d

Analysis Method: 8270C Date Collected: 08/31/2011 13:20

Extract. Method: 3541 Date Extracted: 09/13/2011 10:15

Sample wt/vol: 15.00(g) Date Analyzed: 09/14/2011 06:59

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 14.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86039 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	85		38-105
4165-62-2	Phenol-d5	73		41-118
1718-51-0	Terphenyl-d14	58		16-151
118-79-6	2,4,6-Tribromophenol	56		10-120
367-12-4	2-Fluorophenol	73		37-125
321-60-8	2-Fluorobiphenyl	98		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-31126-B-4-A MS

Matrix: Solid | Lab File ID: p19356.d

Analysis Method: 8270C | Date Collected: 09/13/2011 10:10

Extract. Method: 3541 | Date Extracted: 09/16/2011 07:35

Sample wt/vol: 15.00(g) | Date Analyzed: 09/17/2011 08:48

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 29.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86513 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	6680		470	57
95-57-8	2-Chlorophenol	7140		470	63
95-48-7	2-Methylphenol	7120		470	67
106-44-5	4-Methylphenol	6550		470	77
100-52-7	Benzaldehyde	3820		470	29
98-86-2	Acetophenone	3600		470	69
111-44-4	Bis(2-chloroethyl)ether	3650		47	9.7
108-60-1	2,2'-oxybis[1-chloropropane]	3800		470	61
621-64-7	N-Nitrosodi-n-propylamine	3930		47	6.2
98-95-3	Nitrobenzene	3910		47	10
67-72-1	Hexachloroethane	3800		47	7.9
78-59-1	Isophorone	3830		470	54
88-75-5	2-Nitrophenol	7660		470	77
105-67-9	2,4-Dimethylphenol	7430		470	75
120-83-2	2,4-Dichlorophenol	7250		470	75
111-91-1	Bis(2-chloroethoxy)methane	3850		470	67
91-20-3	Naphthalene	3800		470	68
106-47-8	4-Chloroaniline	2250		470	59
87-68-3	Hexachlorobutadiene	3900		95	19
105-60-2	Caprolactam	3640		470	64
59-50-7	4-Chloro-3-methylphenol	7290		470	78
91-57-6	2-Methylnaphthalene	3710		470	68
118-74-1	Hexachlorobenzene	4150		47	6.5
77-47-4	Hexachlorocyclopentadiene	4060		470	140
88-06-2	2,4,6-Trichlorophenol	8090		470	84
95-95-4	2,4,5-Trichlorophenol	7740		470	90
92-52-4	Diphenyl	3970		470	77
91-58-7	2-Chloronaphthalene	3950		470	66
88-74-4	2-Nitroaniline	3990		950	130
606-20-2	2,6-Dinitrotoluene	3880		95	12
131-11-3	Dimethyl phthalate	3930		470	63
208-96-8	Acenaphthylene	3810		470	67
99-09-2	3-Nitroaniline	2600		950	110
83-32-9	Acenaphthene	3810		470	67

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-31126-B-4-A MS

Matrix: Solid | Lab File ID: p19356.d

Analysis Method: 8270C | Date Collected: 09/13/2011 10:10

Extract. Method: 3541 | Date Extracted: 09/16/2011 07:35

Sample wt/vol: 15.00(g) | Date Analyzed: 09/17/2011 08:48

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 29.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86513 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	7880		1400	120
51-28-5	2,4-Dinitrophenol	7520		1400	99
132-64-9	Dibenzofuran	3830		470	70
84-66-2	Diethyl phthalate	3810		470	63
86-73-7	Fluorene	3900		470	79
206-44-0	Fluoranthene	4140		470	78
84-74-2	Di-n-butyl phthalate	4070		470	72
121-14-2	2,4-Dinitrotoluene	3900		95	14
7005-72-3	4-Chlorophenyl phenyl ether	3950		470	80
100-01-6	4-Nitroaniline	3630		950	97
534-52-1	4,6-Dinitro-2-methylphenol	8540		1400	220
101-55-3	4-Bromophenyl phenyl ether	4300		470	83
1912-24-9	Atrazine	3700		470	87
120-12-7	Anthracene	3990		470	83
86-74-8	Carbazole	4030		470	74
85-01-8	Phenanthrene	4030		470	82
87-86-5	Pentachlorophenol	8970		1400	230
129-00-0	Pyrene	3750		470	81
218-01-9	Chrysene	4100		470	68
207-08-9	Benzo[k]fluoranthene	4490		47	6.5
191-24-2	Benzo[g,h,i]perylene	4580		470	49
205-99-2	Benzo[b]fluoranthene	4400		47	7.0
50-32-8	Benzo[a]pyrene	4250		47	5.8
56-55-3	Benzo[a]anthracene	3910		47	8.7
86-30-6	N-Nitrosodiphenylamine	4150		470	76
85-68-7	Butyl benzyl phthalate	3900		470	55
117-81-7	Bis(2-ethylhexyl) phthalate	3980		470	62
117-84-0	Di-n-octyl phthalate	4320		470	56
193-39-5	Indeno[1,2,3-cd]pyrene	4870		47	7.5
53-70-3	Dibenz(a,h)anthracene	4780		47	5.6
91-94-1	3,3'-Dichlorobenzidine	2990		950	100
95-94-3	1,2,4,5-Tetrachlorobenzene	4080		470	63
58-90-2	2,3,4,6-Tetrachlorophenol	3980		470	94

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-31126-B-4-A MS

Matrix: Solid | Lab File ID: p19356.d

Analysis Method: 8270C | Date Collected: 09/13/2011 10:10

Extract. Method: 3541 | Date Extracted: 09/16/2011 07:35

Sample wt/vol: 15.00(g) | Date Analyzed: 09/17/2011 08:48

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 29.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86513 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	81		38-105
4165-62-2	Phenol-d5	72		41-118
1718-51-0	Terphenyl-d14	79		16-151
118-79-6	2,4,6-Tribromophenol	84		10-120
367-12-4	2-Fluorophenol	74		37-125
321-60-8	2-Fluorobiphenyl	83		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-30849-D-6-E MS

Matrix: Solid | Lab File ID: z10033.d

Analysis Method: 8270C | Date Collected: 09/09/2011 12:40

Extract. Method: 3541 | Date Extracted: 09/20/2011 13:00

Sample wt/vol: 15.00(g) | Date Analyzed: 09/21/2011 05:58

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.: 86827 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	5690		370	45
95-57-8	2-Chlorophenol	5900		370	49
95-48-7	2-Methylphenol	6560		370	53
106-44-5	4-Methylphenol	5860		370	60
100-52-7	Benzaldehyde	1890		370	23
98-86-2	Acetophenone	3250		370	55
111-44-4	Bis(2-chloroethyl)ether	2840		37	7.7
108-60-1	2,2'-oxybis[1-chloropropane]	2560		370	48
621-64-7	N-Nitrosodi-n-propylamine	3360		37	4.9
98-95-3	Nitrobenzene	2890		37	8.2
67-72-1	Hexachloroethane	2670		37	6.2
78-59-1	Isophorone	3090		370	42
88-75-5	2-Nitrophenol	6190		370	61
105-67-9	2,4-Dimethylphenol	5940		370	59
120-83-2	2,4-Dichlorophenol	6130		370	59
111-91-1	Bis(2-chloroethoxy)methane	3160		370	52
91-20-3	Naphthalene	3080		370	54
106-47-8	4-Chloroaniline	2380		370	46
87-68-3	Hexachlorobutadiene	2930		75	15
105-60-2	Caprolactam	2370		370	50
59-50-7	4-Chloro-3-methylphenol	6430		370	62
91-57-6	2-Methylnaphthalene	3250		370	54
118-74-1	Hexachlorobenzene	3660		37	5.1
77-47-4	Hexachlorocyclopentadiene	2780		370	110
88-06-2	2,4,6-Trichlorophenol	5990		370	66
95-95-4	2,4,5-Trichlorophenol	5820		370	71
92-52-4	Diphenyl	3270		370	61
91-58-7	2-Chloronaphthalene	3210		370	52
88-74-4	2-Nitroaniline	2670		750	100
606-20-2	2,6-Dinitrotoluene	3090		75	9.4
131-11-3	Dimethyl phthalate	2990		370	50
208-96-8	Acenaphthylene	3140		370	53
99-09-2	3-Nitroaniline	2400		750	83
83-32-9	Acenaphthene	3190		370	52

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-30849-D-6-E MS

Matrix: Solid | Lab File ID: z10033.d

Analysis Method: 8270C | Date Collected: 09/09/2011 12:40

Extract. Method: 3541 | Date Extracted: 09/20/2011 13:00

Sample wt/vol: 15.00(g) | Date Analyzed: 09/21/2011 05:58

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.: 86827 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	4470		1100	95
51-28-5	2,4-Dinitrophenol	84.7	J	1100	78
132-64-9	Dibenzofuran	3250		370	55
84-66-2	Diethyl phthalate	2860		370	49
86-73-7	Fluorene	3130		370	62
206-44-0	Fluoranthene	2830		370	61
84-74-2	Di-n-butyl phthalate	2950		370	56
121-14-2	2,4-Dinitrotoluene	2850		75	11
7005-72-3	4-Chlorophenyl phenyl ether	3230		370	63
100-01-6	4-Nitroaniline	1890		750	76
534-52-1	4,6-Dinitro-2-methylphenol	524	J	1100	180
101-55-3	4-Bromophenyl phenyl ether	3800		370	66
1912-24-9	Atrazine	3050		370	69
120-12-7	Anthracene	3330		370	65
86-74-8	Carbazole	3030		370	59
85-01-8	Phenanthrene	3380		370	64
87-86-5	Pentachlorophenol	3550		1100	180
129-00-0	Pyrene	3670		370	64
218-01-9	Chrysene	3400		370	53
207-08-9	Benzo[k]fluoranthene	3570		37	5.1
191-24-2	Benzo[g,h,i]perylene	3730		370	39
205-99-2	Benzo[b]fluoranthene	3180		37	5.5
50-32-8	Benzo[a]pyrene	3210		37	4.5
56-55-3	Benzo[a]anthracene	3240		37	6.8
86-30-6	N-Nitrosodiphenylamine	3760		370	60
85-68-7	Butyl benzyl phthalate	3340		370	43
117-81-7	Bis(2-ethylhexyl) phthalate	3150		370	49
117-84-0	Di-n-octyl phthalate	2810		370	44
193-39-5	Indeno[1,2,3-cd]pyrene	3090		37	5.9
53-70-3	Dibenz(a,h)anthracene	3710		37	4.4
91-94-1	3,3'-Dichlorobenzidine	3050		750	81
95-94-3	1,2,4,5-Tetrachlorobenzene	3140		370	49
58-90-2	2,3,4,6-Tetrachlorophenol	2470		370	74

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-30849-D-6-E MS

Matrix: Solid Lab File ID: z10033.d

Analysis Method: 8270C Date Collected: 09/09/2011 12:40

Extract. Method: 3541 Date Extracted: 09/20/2011 13:00

Sample wt/vol: 15.00(g) Date Analyzed: 09/21/2011 05:58

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.: 86827 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	79		38-105
4165-62-2	Phenol-d5	79		41-118
1718-51-0	Terphenyl-d14	99		16-151
118-79-6	2,4,6-Tribromophenol	73		10-120
367-12-4	2-Fluorophenol	70		37-125
321-60-8	2-Fluorobiphenyl	88		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-4-VD-S (2.5-3.0) MSD | Lab Sample ID: 460-30837-28 MSD

Matrix: Solid | Lab File ID: u70303.d

Analysis Method: 8270C | Date Collected: 09/09/2011 10:35

Extract. Method: 3541 | Date Extracted: 09/19/2011 12:00

Sample wt/vol: 15.02(g) | Date Analyzed: 09/21/2011 08:02

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86807 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	4900		340	42
95-57-8	2-Chlorophenol	4960		340	46
95-48-7	2-Methylphenol	5270		340	50
106-44-5	4-Methylphenol	4920		340	56
100-52-7	Benzaldehyde	2580		340	22
98-86-2	Acetophenone	2850		340	51
111-44-4	Bis(2-chloroethyl)ether	2660		34	7.2
108-60-1	2,2'-oxybis[1-chloropropane]	2550		340	45
621-64-7	N-Nitrosodi-n-propylamine	3280		34	4.5
98-95-3	Nitrobenzene	2420		34	7.7
67-72-1	Hexachloroethane	2490		34	5.8
78-59-1	Isophorone	2730		340	40
88-75-5	2-Nitrophenol	4500		340	57
105-67-9	2,4-Dimethylphenol	4920		340	55
120-83-2	2,4-Dichlorophenol	4820		340	55
111-91-1	Bis(2-chloroethoxy)methane	2580		340	49
91-20-3	Naphthalene	2460		340	50
106-47-8	4-Chloroaniline	1980		340	43
87-68-3	Hexachlorobutadiene	2360		70	14
105-60-2	Caprolactam	1870		340	47
59-50-7	4-Chloro-3-methylphenol	4910		340	58
91-57-6	2-Methylnaphthalene	2300		340	50
118-74-1	Hexachlorobenzene	2490		34	4.8
77-47-4	Hexachlorocyclopentadiene	2160		340	100
88-06-2	2,4,6-Trichlorophenol	4870		340	62
95-95-4	2,4,5-Trichlorophenol	4850		340	66
92-52-4	Diphenyl	2460		340	57
91-58-7	2-Chloronaphthalene	2360		340	49
88-74-4	2-Nitroaniline	2620		700	94
606-20-2	2,6-Dinitrotoluene	2880		70	8.7
131-11-3	Dimethyl phthalate	2940		340	47
208-96-8	Acenaphthylene	2460		340	49
99-09-2	3-Nitroaniline	2130		700	78
83-32-9	Acenaphthene	2530		340	49

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-4-VD-S (2.5-3.0) MSD | Lab Sample ID: 460-30837-28 MSD

Matrix: Solid | Lab File ID: u70303.d

Analysis Method: 8270C | Date Collected: 09/09/2011 10:35

Extract. Method: 3541 | Date Extracted: 09/19/2011 12:00

Sample wt/vol: 15.02(g) | Date Analyzed: 09/21/2011 08:02

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86807 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	5720		1000	88
51-28-5	2,4-Dinitrophenol	1850		1000	73
132-64-9	Dibenzofuran	2370		340	52
84-66-2	Diethyl phthalate	2900		340	46
86-73-7	Fluorene	2670		340	58
206-44-0	Fluoranthene	2540		340	57
84-74-2	Di-n-butyl phthalate	2690		340	53
121-14-2	2,4-Dinitrotoluene	2820		70	10
7005-72-3	4-Chlorophenyl phenyl ether	2640		340	59
100-01-6	4-Nitroaniline	2620		700	71
534-52-1	4,6-Dinitro-2-methylphenol	3190		1000	160
101-55-3	4-Bromophenyl phenyl ether	2590		340	61
1912-24-9	Atrazine	2680		340	64
120-12-7	Anthracene	2530		340	61
86-74-8	Carbazole	2570		340	55
85-01-8	Phenanthrene	2670		340	60
87-86-5	Pentachlorophenol	4710		1000	170
129-00-0	Pyrene	3330		340	60
218-01-9	Chrysene	2650		340	50
207-08-9	Benzo[k]fluoranthene	3420		34	4.8
191-24-2	Benzo[g,h,i]perylene	3230		340	36
205-99-2	Benzo[b]fluoranthene	3190		34	5.1
50-32-8	Benzo[a]pyrene	3270		34	4.2
56-55-3	Benzo[a]anthracene	2760		34	6.4
86-30-6	N-Nitrosodiphenylamine	2570		340	56
85-68-7	Butyl benzyl phthalate	3310		340	40
117-81-7	Bis(2-ethylhexyl) phthalate	3320		340	46
117-84-0	Di-n-octyl phthalate	4040		340	41
193-39-5	Indeno[1,2,3-cd]pyrene	3260		34	5.5
53-70-3	Dibenz(a,h)anthracene	3040		34	4.1
91-94-1	3,3'-Dichlorobenzidine	2160		700	76
95-94-3	1,2,4,5-Tetrachlorobenzene	2290		340	46
58-90-2	2,3,4,6-Tetrachlorophenol	2910		340	69

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-4-VD-S (2.5-3.0) MSD Lab Sample ID: 460-30837-28 MSD

Matrix: Solid Lab File ID: u70303.d

Analysis Method: 8270C Date Collected: 09/09/2011 10:35

Extract. Method: 3541 Date Extracted: 09/19/2011 12:00

Sample wt/vol: 15.02(g) Date Analyzed: 09/21/2011 08:02

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 4.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86807 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	79		38-105
4165-62-2	Phenol-d5	77		41-118
1718-51-0	Terphenyl-d14	90		16-151
118-79-6	2,4,6-Tribromophenol	72		10-120
367-12-4	2-Fluorophenol	72		37-125
321-60-8	2-Fluorobiphenyl	66		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-30505-A-4-C MSD

Matrix: Solid | Lab File ID: u70083.d

Analysis Method: 8270C | Date Collected: 08/31/2011 13:20

Extract. Method: 3541 | Date Extracted: 09/13/2011 10:15

Sample wt/vol: 15.01(g) | Date Analyzed: 09/14/2011 07:21

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86039 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	5020		390	47
95-57-8	2-Chlorophenol	5610		390	52
95-48-7	2-Methylphenol	5260		390	56
106-44-5	4-Methylphenol	4870		390	63
100-52-7	Benzaldehyde	3470		390	24
98-86-2	Acetophenone	2830		390	57
111-44-4	Bis(2-chloroethyl)ether	2720		39	8.0
108-60-1	2,2'-oxybis[1-chloropropane]	3060		390	51
621-64-7	N-Nitrosodi-n-propylamine	3270		39	5.1
98-95-3	Nitrobenzene	3200		39	8.6
67-72-1	Hexachloroethane	2550		39	6.5
78-59-1	Isophorone	3340		390	44
88-75-5	2-Nitrophenol	5830		390	64
105-67-9	2,4-Dimethylphenol	6100		390	62
120-83-2	2,4-Dichlorophenol	5440		390	62
111-91-1	Bis(2-chloroethoxy)methane	3440		390	55
91-20-3	Naphthalene	3020		390	57
106-47-8	4-Chloroaniline	2260		390	49
87-68-3	Hexachlorobutadiene	2770		78	16
105-60-2	Caprolactam	2900		390	53
59-50-7	4-Chloro-3-methylphenol	5900		390	65
91-57-6	2-Methylnaphthalene	2730		390	56
118-74-1	Hexachlorobenzene	2750		39	5.4
77-47-4	Hexachlorocyclopentadiene	2500		390	110
88-06-2	2,4,6-Trichlorophenol	6320		390	69
95-95-4	2,4,5-Trichlorophenol	6660		390	74
92-52-4	Diphenyl	3410		390	64
91-58-7	2-Chloronaphthalene	3410		390	55
88-74-4	2-Nitroaniline	3600		780	110
606-20-2	2,6-Dinitrotoluene	3550		78	9.8
131-11-3	Dimethyl phthalate	3420		390	52
208-96-8	Acenaphthylene	3150		390	55
99-09-2	3-Nitroaniline	2500		780	87
83-32-9	Acenaphthene	3190		390	55

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-30505-A-4-C MSD

Matrix: Solid | Lab File ID: u70083.d

Analysis Method: 8270C | Date Collected: 08/31/2011 13:20

Extract. Method: 3541 | Date Extracted: 09/13/2011 10:15

Sample wt/vol: 15.01(g) | Date Analyzed: 09/14/2011 07:21

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86039 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	6090		1200	99
51-28-5	2,4-Dinitrophenol	1020	J	1200	82
132-64-9	Dibenzofuran	2890		390	58
84-66-2	Diethyl phthalate	2930		390	52
86-73-7	Fluorene	2680		390	65
206-44-0	Fluoranthene	2020		390	64
84-74-2	Di-n-butyl phthalate	2510		390	59
121-14-2	2,4-Dinitrotoluene	2830		78	11
7005-72-3	4-Chlorophenyl phenyl ether	2740		390	66
100-01-6	4-Nitroaniline	2410		780	80
534-52-1	4,6-Dinitro-2-methylphenol	2650		1200	180
101-55-3	4-Bromophenyl phenyl ether	2900		390	69
1912-24-9	Atrazine	2920		390	72
120-12-7	Anthracene	3090		390	68
86-74-8	Carbazole	2960		390	61
85-01-8	Phenanthrene	3000		390	67
87-86-5	Pentachlorophenol	3660		1200	190
129-00-0	Pyrene	2370		390	67
218-01-9	Chrysene	3850		390	56
207-08-9	Benzo[k]fluoranthene	2600		39	5.4
191-24-2	Benzo[g,h,i]perylene	3700		390	41
205-99-2	Benzo[b]fluoranthene	2390		39	5.7
50-32-8	Benzo[a]pyrene	2650		39	4.8
56-55-3	Benzo[a]anthracene	2950		39	7.1
86-30-6	N-Nitrosodiphenylamine	3840		390	63
85-68-7	Butyl benzyl phthalate	2420		390	45
117-81-7	Bis(2-ethylhexyl) phthalate	3270		390	51
117-84-0	Di-n-octyl phthalate	1640		390	46
193-39-5	Indeno[1,2,3-cd]pyrene	3890		39	6.2
53-70-3	Dibenz(a,h)anthracene	4180		39	4.6
91-94-1	3,3'-Dichlorobenzidine	2500		780	85
95-94-3	1,2,4,5-Tetrachlorobenzene	3480		390	52
58-90-2	2,3,4,6-Tetrachlorophenol	1980		390	77

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-30505-A-4-C MSD

Matrix: Solid | Lab File ID: u70083.d

Analysis Method: 8270C | Date Collected: 08/31/2011 13:20

Extract. Method: 3541 | Date Extracted: 09/13/2011 10:15

Sample wt/vol: 15.01(g) | Date Analyzed: 09/14/2011 07:21

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86039 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	87		38-105
4165-62-2	Phenol-d5	67		41-118
1718-51-0	Terphenyl-d14	60		16-151
118-79-6	2,4,6-Tribromophenol	52		10-120
367-12-4	2-Fluorophenol	71		37-125
321-60-8	2-Fluorobiphenyl	92		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-31126-C-4-A MSD

Matrix: Solid | Lab File ID: p19357.d

Analysis Method: 8270C | Date Collected: 09/13/2011 10:10

Extract. Method: 3541 | Date Extracted: 09/16/2011 07:35

Sample wt/vol: 15.02(g) | Date Analyzed: 09/17/2011 09:14

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 28.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86513 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	7120		460	57
95-57-8	2-Chlorophenol	7430		460	62
95-48-7	2-Methylphenol	7520		460	67
106-44-5	4-Methylphenol	7060		460	76
100-52-7	Benzaldehyde	3530		460	29
98-86-2	Acetophenone	3840		460	69
111-44-4	Bis(2-chloroethyl)ether	3810		46	9.7
108-60-1	2,2'-oxybis[1-chloropropane]	3940		460	61
621-64-7	N-Nitrosodi-n-propylamine	4190		46	6.1
98-95-3	Nitrobenzene	4100		46	10
67-72-1	Hexachloroethane	3970		46	7.8
78-59-1	Isophorone	4240		460	53
88-75-5	2-Nitrophenol	8270		460	76
105-67-9	2,4-Dimethylphenol	8130		460	74
120-83-2	2,4-Dichlorophenol	7890		460	74
111-91-1	Bis(2-chloroethoxy)methane	4140		460	66
91-20-3	Naphthalene	4090		460	68
106-47-8	4-Chloroaniline	1830		460	58
87-68-3	Hexachlorobutadiene	4040		94	19
105-60-2	Caprolactam	4220		460	64
59-50-7	4-Chloro-3-methylphenol	8320		460	78
91-57-6	2-Methylnaphthalene	4100		460	68
118-74-1	Hexachlorobenzene	4450		46	6.4
77-47-4	Hexachlorocyclopentadiene	3990		460	140
88-06-2	2,4,6-Trichlorophenol	8630		460	83
95-95-4	2,4,5-Trichlorophenol	8440		460	89
92-52-4	Diphenyl	4200		460	76
91-58-7	2-Chloronaphthalene	4150		460	65
88-74-4	2-Nitroaniline	4310		940	130
606-20-2	2,6-Dinitrotoluene	4360		94	12
131-11-3	Dimethyl phthalate	4260		460	63
208-96-8	Acenaphthylene	4030		460	66
99-09-2	3-Nitroaniline	2640		940	100
83-32-9	Acenaphthene	4040		460	66

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-31126-C-4-A MSD

Matrix: Solid | Lab File ID: p19357.d

Analysis Method: 8270C | Date Collected: 09/13/2011 10:10

Extract. Method: 3541 | Date Extracted: 09/16/2011 07:35

Sample wt/vol: 15.02(g) | Date Analyzed: 09/17/2011 09:14

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 28.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86513 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	8680		1400	120
51-28-5	2,4-Dinitrophenol	8870		1400	98
132-64-9	Dibenzofuran	4150		460	70
84-66-2	Diethyl phthalate	4290		460	62
86-73-7	Fluorene	4270		460	78
206-44-0	Fluoranthene	4320		460	77
84-74-2	Di-n-butyl phthalate	4410		460	71
121-14-2	2,4-Dinitrotoluene	4370		94	14
7005-72-3	4-Chlorophenyl phenyl ether	4300		460	80
100-01-6	4-Nitroaniline	3630		940	96
534-52-1	4,6-Dinitro-2-methylphenol	9370		1400	220
101-55-3	4-Bromophenyl phenyl ether	4450		460	83
1912-24-9	Atrazine	3880		460	86
120-12-7	Anthracene	4220		460	82
86-74-8	Carbazole	4280		460	74
85-01-8	Phenanthrene	4300		460	81
87-86-5	Pentachlorophenol	9790		1400	230
129-00-0	Pyrene	4000		460	80
218-01-9	Chrysene	4360		460	67
207-08-9	Benzo[k]fluoranthene	4720		46	6.5
191-24-2	Benzo[g,h,i]perylene	4790		460	49
205-99-2	Benzo[b]fluoranthene	4620		46	6.9
50-32-8	Benzo[a]pyrene	4540		46	5.7
56-55-3	Benzo[a]anthracene	4170		46	8.6
86-30-6	N-Nitrosodiphenylamine	4460		460	76
85-68-7	Butyl benzyl phthalate	4170		460	54
117-81-7	Bis(2-ethylhexyl) phthalate	4280		460	62
117-84-0	Di-n-octyl phthalate	4290		460	55
193-39-5	Indeno[1,2,3-cd]pyrene	4960		46	7.4
53-70-3	Dibenz(a,h)anthracene	4970		46	5.6
91-94-1	3,3'-Dichlorobenzidine	2810		940	100
95-94-3	1,2,4,5-Tetrachlorobenzene	4190		460	62
58-90-2	2,3,4,6-Tetrachlorophenol	4490		460	93

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-31126-C-4-A MSD

Matrix: Solid | Lab File ID: p19357.d

Analysis Method: 8270C | Date Collected: 09/13/2011 10:10

Extract. Method: 3541 | Date Extracted: 09/16/2011 07:35

Sample wt/vol: 15.02(g) | Date Analyzed: 09/17/2011 09:14

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 28.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86513 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	88		38-105
4165-62-2	Phenol-d5	78		41-118
1718-51-0	Terphenyl-d14	88		16-151
118-79-6	2,4,6-Tribromophenol	94		10-120
367-12-4	2-Fluorophenol	78		37-125
321-60-8	2-Fluorobiphenyl	88		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-30849-D-6-F MSD

Matrix: Solid | Lab File ID: z10034.d

Analysis Method: 8270C | Date Collected: 09/09/2011 12:40

Extract. Method: 3541 | Date Extracted: 09/20/2011 13:00

Sample wt/vol: 15.02(g) | Date Analyzed: 09/21/2011 06:23

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.: 86827 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	5510		370	45
95-57-8	2-Chlorophenol	5770		370	49
95-48-7	2-Methylphenol	6330		370	53
106-44-5	4-Methylphenol	5670		370	60
100-52-7	Benzaldehyde	1870		370	23
98-86-2	Acetophenone	3130		370	55
111-44-4	Bis(2-chloroethyl)ether	2770		37	7.7
108-60-1	2,2'-oxybis[1-chloropropane]	2510		370	48
621-64-7	N-Nitrosodi-n-propylamine	3270		37	4.9
98-95-3	Nitrobenzene	2830		37	8.2
67-72-1	Hexachloroethane	2600		37	6.2
78-59-1	Isophorone	3030		370	42
88-75-5	2-Nitrophenol	6060		370	60
105-67-9	2,4-Dimethylphenol	5880		370	59
120-83-2	2,4-Dichlorophenol	6040		370	59
111-91-1	Bis(2-chloroethoxy)methane	3110		370	52
91-20-3	Naphthalene	3030		370	54
106-47-8	4-Chloroaniline	2310		370	46
87-68-3	Hexachlorobutadiene	2870		74	15
105-60-2	Caprolactam	1890		370	50
59-50-7	4-Chloro-3-methylphenol	6230		370	62
91-57-6	2-Methylnaphthalene	3160		370	54
118-74-1	Hexachlorobenzene	3430		37	5.1
77-47-4	Hexachlorocyclopentadiene	2750		370	110
88-06-2	2,4,6-Trichlorophenol	5920		370	66
95-95-4	2,4,5-Trichlorophenol	5760		370	71
92-52-4	Diphenyl	3220		370	61
91-58-7	2-Chloronaphthalene	3170		370	52
88-74-4	2-Nitroaniline	3240		740	100
606-20-2	2,6-Dinitrotoluene	3160		74	9.3
131-11-3	Dimethyl phthalate	3010		370	50
208-96-8	Acenaphthylene	3070		370	53
99-09-2	3-Nitroaniline	2440		740	83
83-32-9	Acenaphthene	3150		370	52

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-30849-D-6-F MSD

Matrix: Solid | Lab File ID: z10034.d

Analysis Method: 8270C | Date Collected: 09/09/2011 12:40

Extract. Method: 3541 | Date Extracted: 09/20/2011 13:00

Sample wt/vol: 15.02(g) | Date Analyzed: 09/21/2011 06:23

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.: 86827 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	4520		1100	94
51-28-5	2,4-Dinitrophenol	81.5	J	1100	78
132-64-9	Dibenzofuran	3180		370	55
84-66-2	Diethyl phthalate	2910		370	49
86-73-7	Fluorene	3130		370	62
206-44-0	Fluoranthene	2860		370	61
84-74-2	Di-n-butyl phthalate	2920		370	56
121-14-2	2,4-Dinitrotoluene	2960		74	11
7005-72-3	4-Chlorophenyl phenyl ether	3190		370	63
100-01-6	4-Nitroaniline	1910		740	76
534-52-1	4,6-Dinitro-2-methylphenol	503	J	1100	180
101-55-3	4-Bromophenyl phenyl ether	3580		370	65
1912-24-9	Atrazine	3020		370	69
120-12-7	Anthracene	3320		370	65
86-74-8	Carbazole	3030		370	58
85-01-8	Phenanthrene	3360		370	64
87-86-5	Pentachlorophenol	3470		1100	180
129-00-0	Pyrene	3750		370	64
218-01-9	Chrysene	3380		370	53
207-08-9	Benzo[k]fluoranthene	3310		37	5.1
191-24-2	Benzo[g,h,i]perylene	3700		370	39
205-99-2	Benzo[b]fluoranthene	3420		37	5.5
50-32-8	Benzo[a]pyrene	3220		37	4.5
56-55-3	Benzo[a]anthracene	3150		37	6.8
86-30-6	N-Nitrosodiphenylamine	3590		370	60
85-68-7	Butyl benzyl phthalate	3290		370	43
117-81-7	Bis(2-ethylhexyl) phthalate	3110		370	49
117-84-0	Di-n-octyl phthalate	2870		370	44
193-39-5	Indeno[1,2,3-cd]pyrene	3570		37	5.9
53-70-3	Dibenz(a,h)anthracene	3650		37	4.4
91-94-1	3,3'-Dichlorobenzidine	2810		740	81
95-94-3	1,2,4,5-Tetrachlorobenzene	3090		370	49
58-90-2	2,3,4,6-Tetrachlorophenol	2460		370	74

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-30849-D-6-F MSD

Matrix: Solid Lab File ID: z10034.d

Analysis Method: 8270C Date Collected: 09/09/2011 12:40

Extract. Method: 3541 Date Extracted: 09/20/2011 13:00

Sample wt/vol: 15.02(g) Date Analyzed: 09/21/2011 06:23

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.: 86827 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	78		38-105
4165-62-2	Phenol-d5	77		41-118
1718-51-0	Terphenyl-d14	101		16-151
118-79-6	2,4,6-Tribromophenol	75		10-120
367-12-4	2-Fluorophenol	69		37-125
321-60-8	2-Fluorobiphenyl	86		40-109

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Instrument ID: BNAMS10 Start Date: 09/17/2011 01:38

Analysis Batch Number: 86513 End Date: 09/17/2011 13:33

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-86513/1		09/17/2011 01:38	1	p19344.d	Rtx-5MS 0.25(mm)
ICIS 460-86513/2		09/17/2011 02:47	1	p19346.d	Rtx-5MS 0.25(mm)
IC 460-86513/3		09/17/2011 03:49	1	p19347.d	Rtx-5MS 0.25(mm)
IC 460-86513/4		09/17/2011 04:14	1	p19348.d	Rtx-5MS 0.25(mm)
IC 460-86513/5		09/17/2011 04:40	1	p19349.d	Rtx-5MS 0.25(mm)
IC 460-86513/6		09/17/2011 05:06	1	p19350.d	Rtx-5MS 0.25(mm)
IC 460-86513/7		09/17/2011 05:31	1	p19351.d	Rtx-5MS 0.25(mm)
MB 460-86273/1-A		09/17/2011 07:57	1	p19354.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2011 08:23	1		Rtx-5MS 0.25(mm)
460-31126-B-4-A MS		09/17/2011 08:48	1	p19356.d	Rtx-5MS 0.25(mm)
460-31126-C-4-A MSD		09/17/2011 09:14	1	p19357.d	Rtx-5MS 0.25(mm)
460-30837-9	PMP-22-VD-S (3.5-5.0)	09/17/2011 10:06	1	p19359.d	Rtx-5MS 0.25(mm)
460-30837-10	PMP-22-WT-S (7.0-8.5)	09/17/2011 10:32	1	p19360.d	Rtx-5MS 0.25(mm)
460-30837-11	PMP-23-VS-S (1-3)	09/17/2011 10:58	1	p19361.d	Rtx-5MS 0.25(mm)
460-30837-12	PMP-23-WT-S (6.5-8.5)	09/17/2011 11:23	1	p19362.d	Rtx-5MS 0.25(mm)
460-30837-13	PMP-23-VD-S (3.5-5.0)	09/17/2011 11:49	1	p19363.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2011 12:15	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2011 12:41	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2011 13:07	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2011 13:33	1		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Instrument ID: BNAMS10 Start Date: 09/18/2011 01:38

Analysis Batch Number: 86671 End Date: 09/18/2011 06:34

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-86671/1		09/18/2011 01:38	1	p19372.d	Rtx-5MS 0.25(mm)
CCVIS 460-86671/2		09/18/2011 03:06	1	p19374.d	Rtx-5MS 0.25(mm)
LCS 460-86273/2-A		09/18/2011 03:33	1	p19375.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2011 03:59	1		Rtx-5MS 0.25(mm)
460-30837-1	PMP-2-VD-S (3.5-4.0)	09/18/2011 04:25	1	p19377.d	Rtx-5MS 0.25(mm)
460-30837-3	PMP-2-SI-S (10.5-11.0)	09/18/2011 05:17	2	p19379.d	Rtx-5MS 0.25(mm)
460-30837-8	PMP-22-VS-S (1.5-2.0)	09/18/2011 05:42	1	p19380.d	Rtx-5MS 0.25(mm)
460-30837-4	PMP-24-VS-S (1-3)	09/18/2011 06:08	5	p19381.d	Rtx-5MS 0.25(mm)
460-30837-5	PMP-24-VD-S (4.5-6.0)	09/18/2011 06:34	5	p19382.d	Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Instrument ID: BNAMS10 Start Date: 09/20/2011 09:55

Analysis Batch Number: 86818 End Date: 09/20/2011 21:29

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-86818/1		09/20/2011 09:55	1	p19422.d	Rtx-5MS 0.25(mm)
CCVIS 460-86818/2		09/20/2011 10:15	1	p19423.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2011 10:47	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2011 11:13	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2011 12:28	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2011 12:54	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2011 13:20	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2011 13:45	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2011 14:11	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2011 14:37	2		Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2011 15:03	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2011 15:28	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2011 15:54	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2011 16:20	5		Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2011 16:46	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2011 17:12	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2011 17:37	1		Rtx-5MS 0.25(mm)
460-30837-2	PMP-2-WT-S (8.0-8.5)	09/20/2011 18:03	2	p19440.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2011 18:29	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2011 18:55	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2011 21:29	100		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Instrument ID: BNAMS11 Start Date: 09/13/2011 10:32

Analysis Batch Number: 86050 End Date: 09/13/2011 14:23

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-86050/1		09/13/2011 10:32	1	z19784.d	Rtx-5MS 0.25(mm)
ICIS 460-86050/7		09/13/2011 11:34	1	z19786.d	Rtx-5MS 0.25(mm)
IC 460-86050/2		09/13/2011 12:17	1	z19787.d	Rtx-5MS 0.25(mm)
IC 460-86050/3		09/13/2011 13:07	1	z19789.d	Rtx-5MS 0.25(mm)
IC 460-86050/4		09/13/2011 13:32	1	z19790.d	Rtx-5MS 0.25(mm)
IC 460-86050/5		09/13/2011 13:57	1	z19791.d	Rtx-5MS 0.25(mm)
IC 460-86050/6		09/13/2011 14:23	1	z19792.d	Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Instrument ID: BNAMS11 Start Date: 09/14/2011 02:28

Analysis Batch Number: 86052 End Date: 09/14/2011 14:17

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-86052/1		09/14/2011 02:28	1	z19804.d	Rtx-5MS 0.25(mm)
CCVIS 460-86052/2		09/14/2011 02:44	1	z19805.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 03:25	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 03:50	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 04:15	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 04:40	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 05:05	1		Rtx-5MS 0.25(mm)
LCS 460-85863/2-A		09/14/2011 05:30	1	z19811.d	Rtx-5MS 0.25(mm)
LCSD 460-85863/3-A		09/14/2011 05:55	1	z19812.d	Rtx-5MS 0.25(mm)
MB 460-85863/1-A		09/14/2011 06:20	1	z19813.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 06:45	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 07:10	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 07:35	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 08:00	1		Rtx-5MS 0.25(mm)
460-30837-30	FB_090811	09/14/2011 08:25	1	z19818.d	Rtx-5MS 0.25(mm)
460-30837-31	FB_090911	09/14/2011 08:50	1	z19819.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 09:16	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 09:41	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 10:06	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 10:31	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 10:56	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 11:21	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 11:46	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 12:11	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 12:37	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 13:01	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 13:27	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 13:52	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 14:17	1		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Instrument ID: BNAMS11 Start Date: 09/20/2011 23:56

Analysis Batch Number: 86827 End Date: 09/21/2011 10:56

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-86827/1		09/20/2011 23:56	1	z10020.d	Rtx-5MS 0.25(mm)
CCVIS 460-86827/2		09/21/2011 00:12	1	z10021.d	Rtx-5MS 0.25(mm)
LCS 460-86659/2-A		09/21/2011 01:23	1	z10022.d	Rtx-5MS 0.25(mm)
MB 460-86659/1-A		09/21/2011 01:48	1	z10023.d	Rtx-5MS 0.25(mm)
460-30837-17	Dup_090811	09/21/2011 04:43	1	z10030.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2011 05:08	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2011 05:33	1		Rtx-5MS 0.25(mm)
460-30849-D-6-E MS		09/21/2011 05:58	1	z10033.d	Rtx-5MS 0.25(mm)
460-30849-D-6-F MSD		09/21/2011 06:23	1	z10034.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2011 06:48	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2011 07:13	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2011 07:38	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2011 08:28	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2011 08:54	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2011 09:44	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2011 10:31	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2011 10:56	2		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Instrument ID: BNAMS4 Start Date: 09/06/2011 15:26

Analysis Batch Number: 85302 End Date: 09/06/2011 18:34

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-85302/1		09/06/2011 15:26	1	u69905.d	Rtx-5MS 0.25(mm)
ICIS 460-85302/2		09/06/2011 16:22	1	u69906.d	Rtx-5MS 0.25(mm)
IC 460-85302/3		09/06/2011 16:45	1	u69907.d	Rtx-5MS 0.25(mm)
IC 460-85302/4		09/06/2011 17:29	1	u69909.d	Rtx-5MS 0.25(mm)
IC 460-85302/5		09/06/2011 17:51	1	u69910.d	Rtx-5MS 0.25(mm)
IC 460-85302/6		09/06/2011 18:12	1	u69911.d	Rtx-5MS 0.25(mm)
IC 460-85302/7		09/06/2011 18:34	1	u69912.d	Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Instrument ID: BNAMS4 Start Date: 09/13/2011 23:36

Analysis Batch Number: 86039 End Date: 09/14/2011 10:20

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-86039/1		09/13/2011 23:36	1	u70062.d	Rtx-5MS 0.25(mm)
CCVIS 460-86039/2		09/13/2011 23:55	1	u70063.d	Rtx-5MS 0.25(mm)
LCS 460-85882/2-A		09/14/2011 00:24	1	u70064.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 01:54	1		Rtx-5MS 0.25(mm)
MB 460-85882/1-A		09/14/2011 03:00	1	u70071.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 03:21	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 03:43	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 04:05	1		Rtx-5MS 0.25(mm)
460-30837-18	PMP-25-VS-S (1-3)	09/14/2011 04:27	1	u70075.d	Rtx-5MS 0.25(mm)
460-30837-19	PMP-25-VD-S (3-5)	09/14/2011 04:48	1	u70076.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 05:32	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 05:54	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 06:16	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 06:37	1		Rtx-5MS 0.25(mm)
460-30505-A-4-B MS		09/14/2011 06:59	1	u70082.d	Rtx-5MS 0.25(mm)
460-30505-A-4-C MSD		09/14/2011 07:21	1	u70083.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 07:43	1		Rtx-5MS 0.25(mm)
460-30837-7	PMP-24-SI-S (10.5-12.5)	09/14/2011 08:05	1	u70085.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 08:27	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 09:36	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 09:58	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 10:20	1		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Instrument ID: BNAMS4 Start Date: 09/14/2011 14:39

Analysis Batch Number: 86190 End Date: 09/15/2011 01:49

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-86190/1		09/14/2011 14:39	1	u70094.d	Rtx-5MS 0.25(mm)
CCVIS 460-86190/2		09/14/2011 15:20	1	u70096.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 16:01	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 16:44	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 17:06	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 18:12	1		Rtx-5MS 0.25(mm)
460-30837-6	PMP-24-WT-S (6.5-8.5)	09/14/2011 18:33	5	u70104.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 18:55	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 19:17	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 19:39	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 20:00	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 20:22	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 20:44	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 21:06	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 21:28	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 21:50	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 22:33	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 22:55	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 23:17	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 23:38	2		Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2011 01:49	2		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Instrument ID: BNAMS4 Start Date: 09/15/2011 10:42

Analysis Batch Number: 86198 End Date: 09/15/2011 18:49

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-86198/1		09/15/2011 10:42	1	u70130.d	Rtx-5MS 0.25(mm)
CCVIS 460-86198/2		09/15/2011 11:01	1	u70131.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2011 11:53	50		Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2011 12:15	20		Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2011 12:37	10		Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2011 12:58	100		Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2011 13:20	5		Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2011 13:42	1		Rtx-5MS 0.25(mm)
460-30837-20	PMP-25-WT-S (7.5-9.5)	09/15/2011 14:51	1	u70140.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2011 15:13	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2011 15:34	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2011 15:56	10		Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2011 17:23	2		Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2011 17:44	2		Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2011 18:06	5		Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2011 18:28	5		Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2011 18:49	2		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Instrument ID: BNAMS4 Start Date: 09/20/2011 13:09

Analysis Batch Number: 86806 End Date: 09/20/2011 15:10

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-86806/1		09/20/2011 13:09	1	u70272.d	Rtx-5MS 0.25(mm)
ICIS 460-86806/2		09/20/2011 13:28	1	u70273.d	Rtx-5MS 0.25(mm)
IC 460-86806/3		09/20/2011 13:54	1	u70274.d	Rtx-5MS 0.25(mm)
IC 460-86806/4		09/20/2011 14:13	1	u70275.d	Rtx-5MS 0.25(mm)
IC 460-86806/5		09/20/2011 14:32	1	u70276.d	Rtx-5MS 0.25(mm)
IC 460-86806/6		09/20/2011 14:51	1	u70277.d	Rtx-5MS 0.25(mm)
IC 460-86806/7		09/20/2011 15:10	1	u70278.d	Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Instrument ID: BNAMS4 Start Date: 09/20/2011 23:26

Analysis Batch Number: 86807 End Date: 09/21/2011 10:58

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-86807/1		09/20/2011 23:26	1	u70280.d	Rtx-5MS 0.25(mm)
CCVIS 460-86807/2		09/20/2011 23:48	1	u70281.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2011 00:24	1		Rtx-5MS 0.25(mm)
LCS 460-86534/2-A		09/21/2011 00:43	1	u70283.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2011 01:24	1		Rtx-5MS 0.25(mm)
MB 460-86534/1-A		09/21/2011 02:11	1	u70285.d	Rtx-5MS 0.25(mm)
460-30837-15	PMP-12-VD-S (2.5-3.0)	09/21/2011 03:15	1	u70288.d	Rtx-5MS 0.25(mm)
460-30837-16	PMP-12-WT-S (7.0-7.5)	09/21/2011 03:34	1	u70289.d	Rtx-5MS 0.25(mm)
460-30837-26	PMP-8-WT-S (7.0-7.5)	09/21/2011 04:13	1	u70291.d	Rtx-5MS 0.25(mm)
460-30837-28	PMP-4-VD-S (2.5-3.0)	09/21/2011 04:32	1	u70292.d	Rtx-5MS 0.25(mm)
460-30837-29	PMP-4-WT-S (7.0-7.5)	09/21/2011 04:51	1	u70293.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2011 05:10	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2011 05:29	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2011 05:48	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2011 06:08	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2011 06:27	1		Rtx-5MS 0.25(mm)
460-30837-28 MSD	PMP-4-VD-S (2.5-3.0) MSD	09/21/2011 08:02	1	u70303.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2011 08:22	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2011 08:41	1		Rtx-5MS 0.25(mm)
460-30837-28 MS	PMP-4-VD-S (2.5-3.0) MS	09/21/2011 09:03	1	u70306.d	Rtx-5MS 0.25(mm)
460-30837-22	PMP-14-VD-S (2.5-3.0)	09/21/2011 09:22	1	u70307.d	Rtx-5MS 0.25(mm)
460-30837-23	PMP-14-WT-S (7.0-7.5)	09/21/2011 09:41	1	u70308.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2011 10:00	1		Rtx-5MS 0.25(mm)
460-30837-14	PMP-12-VS-S (0.5-1.0)	09/21/2011 10:20	1	u70310.d	Rtx-5MS 0.25(mm)
460-30837-21	PMP-14-VS-S (0.5-1.0)	09/21/2011 10:39	1	u70311.d	Rtx-5MS 0.25(mm)
460-30837-24	PMP-8-VS-S (0.5-1.0)	09/21/2011 10:58	1	u70312.d	Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Instrument ID: BNAMS5 Start Date: 09/12/2011 11:08

Analysis Batch Number: 85901 End Date: 09/12/2011 14:45

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-85901/1		09/12/2011 11:08	1	x17710.d	Rtx-5MS 0.25(mm)
ICIS 460-85901/2		09/12/2011 11:23	1	x17711.d	Rtx-5MS 0.25(mm)
IC 460-85901/3		09/12/2011 12:05	1	x17712.d	Rtx-5MS 0.25(mm)
IC 460-85901/4		09/12/2011 12:52	1	x17714.d	Rtx-5MS 0.25(mm)
IC 460-85901/5		09/12/2011 13:15	1	x17715.d	Rtx-5MS 0.25(mm)
IC 460-85901/6		09/12/2011 13:39	1	x17716.d	Rtx-5MS 0.25(mm)
IC 460-85901/7		09/12/2011 14:45	1	x17717.d	Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Instrument ID: BNAMS5 Start Date: 09/21/2011 03:19

Analysis Batch Number: 86811 End Date: 09/21/2011 14:49

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-86811/1		09/21/2011 03:19	1	x17922.d	Rtx-5MS 0.25(mm)
CCVIS 460-86811/2		09/21/2011 04:03	1	x17923.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2011 04:45	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2011 06:04	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2011 06:27	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2011 06:51	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2011 07:15	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2011 07:38	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2011 08:02	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2011 08:26	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2011 08:50	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2011 09:14	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2011 09:38	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2011 10:02	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2011 10:25	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2011 10:49	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2011 11:13	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2011 11:37	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2011 12:01	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2011 12:25	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2011 12:49	1		Rtx-5MS 0.25(mm)
460-30837-25	PMP-8-VD-S (2.5-3.0)	09/21/2011 13:13	1	x17943.d	Rtx-5MS 0.25(mm)
460-30837-27	PMP-4-VS-S (0.5-1.0)	09/21/2011 13:37	2	x17944.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2011 14:01	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2011 14:25	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2011 14:49	1		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Batch Number: 85863 Batch Start Date: 09/13/11 07:53 Batch Analyst: Chen, Mandi

Batch Method: 3510C Batch End Date: 09/13/11 19:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FinalAmount	FirstAdjustpH	SecondAdjustpH	OP625/82SP 00030
MB 460-85863/1		3510C, 8270C		7	1000 mL	2 mL	<2	>12	
LCS 460-85863/2		3510C, 8270C		7	1000 mL	2 mL	<2	>12	1 mL
LCSD 460-85863/3		3510C, 8270C		7	1000 mL	2 mL	<2	>12	1 mL
460-30837-E-30	FB_090811	3510C, 8270C	T	7	1000 mL	2 mL	<2	>12	
460-30837-E-31	FB_090911	3510C, 8270C	T	7	1000 mL	2 mL	<2	>12	

Lab Sample ID	Client Sample ID	Method Chain	Basis	OP625/82SU 00022					
MB 460-85863/1		3510C, 8270C		1 mL					
LCS 460-85863/2		3510C, 8270C		1 mL					
LCSD 460-85863/3		3510C, 8270C		1 mL					
460-30837-E-30	FB_090811	3510C, 8270C	T	1 mL					
460-30837-E-31	FB_090911	3510C, 8270C	T	1 mL					

Batch Notes	
Acid used for pH adjustment	H2SO4
Acid used for pH adjust Lot #	K03051
Base used for pH adjustment	NaOH
Base used for pH adjust Lot #	MKBF9239V
Concentration End Time	16PM
Concentration Start Time	14PM
Person's name who did the concentration	MC
Final Concentrator Volume	2 mL
N-evap temperature	35 Degrees C
Na2SO4 Lot Number	J51636
Oven, Bath or Block Temperature 1	90
Prep Solvent Lot #	K24E11
Prep Solvent Name	MeCl2
Prep Solvent Volume Used	180 mL
Person's name who did the prep	MC
Person's name who witnessed reagent drop	HP

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Batch Number: 85863 Batch Start Date: 09/13/11 07:53 Batch Analyst: Chen, Mandi

Batch Method: 3510C Batch End Date: 09/13/11 19:00

Basis	Basis Description
T	Total/NA

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Batch Number: 85882 Batch Start Date: 09/13/11 10:15 Batch Analyst: Masongo, Charles

Batch Method: 3541 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPosition	OP8270SoilSUR 00002	OP8270SP 00019	
MB 460-85882/1		3541, 8270C		15.00 g	1 mL	73	500 uL		
LCS 460-85882/2		3541, 8270C		15.02 g	1 mL	74	500 uL	0.5 mL	
460-30505-A-4 MS		3541, 8270C	T	15.00 g	1 mL	75	500 uL	0.5 mL	
460-30505-A-4 MSD		3541, 8270C	T	15.01 g	1 mL	76	500 uL	0.5 mL	
460-30837-F-6	PMP-24-WT-S (6.5-8.5)	3541, 8270C	T	15.04 g	1 mL	5	500 uL		
460-30837-F-7	PMP-24-SI-S (10.5-12.5)	3541, 8270C	T	15.00 g	1 mL	6	500 uL		
460-30837-F-18	PMP-25-VS-S (1-3)	3541, 8270C	T	15.00 g	1 mL	67	500 uL		
460-30837-F-19	PMP-25-VD-S (3-5)	3541, 8270C	T	15.05 g	1 mL	68	500 uL		
460-30837-F-20	PMP-25-WT-S (7.5-9.5)	3541, 8270C	T	15.02 g	1 mL	69	500 uL		

Batch Notes	
Balance ID	28
Batch Comment	BNA 8270C SOIL
Blank Soil Lot Number	J51636
Person's name who did the concentration	CM
Vendor lot number	J51636
Na2SO4 Lot Number	J51636
Person's name who did the prep	CM
Person's name who witnessed reagent drop	ME
Solvent	MeCl2/Acetone mixture
SOP Number	3541
First Start time	10:15am

Basis	Basis Description
T	Total/NA

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Batch Number: 86273 Batch Start Date: 09/16/11 07:35 Batch Analyst: Alinea, Archilles R

Batch Method: 3541 Batch End Date: 09/16/11 15:51

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPosition	OP8270SoilSUR 00002	OP8270SP 00020	
MB 460-86273/1		3541, 8270C		15.00 g	1 mL	73	500 uL		
LCS 460-86273/2		3541, 8270C		15.00 g	1 mL	74	500 uL	500 uL	
460-31126-B-4 MS		3541, 8270C	T	15.00 g	1 mL	75	500 uL	500 uL	
460-31126-C-4 MSD		3541, 8270C	T	15.02 g	1 mL	76	500 uL	500 uL	
460-30837-F-1	PMP-2-VD-S (3.5-4.0)	3541, 8270C	T	15.00 g	1 mL	77	500 uL		
460-30837-F-2	PMP-2-WT-S (8.0-8.5)	3541, 8270C	T	15.03 g	1 mL	78	500 uL		
460-30837-F-3	PMP-2-SI-S (10.5-11.0)	3541, 8270C	T	15.01 g	1 mL	79	500 uL		
460-30837-F-4	PMP-24-VS-S (1-3)	3541, 8270C	T	15.02 g	1 mL	80	500 uL		
460-30837-F-5	PMP-24-VD-S (4.5-6.0)	3541, 8270C	T	15.00 g	1 mL	81	500 uL		
460-30837-F-8	PMP-22-VS-S (1.5-2.0)	3541, 8270C	T	15.03 g	1 mL	82	500 uL		
460-30837-F-9	PMP-22-VD-S (3.5-5.0)	3541, 8270C	T	15.04 g	1 mL	83	500 uL		
460-30837-F-10	PMP-22-WT-S (7.0-8.5)	3541, 8270C	T	15.02 g	1 mL	84	500 uL		
460-30837-F-11	PMP-23-VS-S (1-3)	3541, 8270C	T	15.00 g	1 mL	67	500 uL		
460-30837-F-12	PMP-23-WT-S (6.5-8.5)	3541, 8270C	T	15.03 g	1 mL	68	500 uL		
460-30837-F-13	PMP-23-VD-S (3.5-5.0)	3541, 8270C	T	15.02 g	1 mL	69	500 uL		

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Batch Number: 86273 Batch Start Date: 09/16/11 07:35 Batch Analyst: Alinea, Archilles R

Batch Method: 3541 Batch End Date: 09/16/11 15:51

Batch Notes	
Balance ID	30
Batch Comment	bna-soil
Boiling Chips ID	10013
Person's name who did the concentration	archie
First End time	3:51pm
Vendor lot number	k18e69
Na2SO4 Lot Number	k04600
Person's name who did the prep	archie
Person's name who witnessed reagent drop	jose s
Solvent	mecl2/ace. ixed
SOP Number	3541
First Start time	7:35am

Basis	Basis Description
T	Total/NA

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Batch Number: 86534 Batch Start Date: 09/19/11 12:00 Batch Analyst: Masongo, Charles

Batch Method: 3541 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPosition	OP8270SoilSUR 00002	OP8270SP 00020	
MB 460-86534/1		3541, 8270C		15.00 g	1 mL	1	500 uL		
LCS 460-86534/2		3541, 8270C		15.00 g	1 mL	2	500 uL	0.5 mL	
460-30837-F-28 MS	PMP-4-VD-S (2.5-3.0)	3541, 8270C	T	15.00 g	1 mL	3	500 uL	0.5 mL	
460-30837-F-28 MSD	PMP-4-VD-S (2.5-3.0)	3541, 8270C	T	15.02 g	1 mL	4	500 uL	0.5 mL	
460-30837-F-14	PMP-12-VS-S (0.5-1.0)	3541, 8270C	T	15.01 g	1 mL	119	500 uL		
460-30837-F-15	PMP-12-VD-S (2.5-3.0)	3541, 8270C	T	15.03 g	1 mL	120	500 uL		
460-30837-F-16	PMP-12-WT-S (7.0-7.5)	3541, 8270C	T	15.02 g	1 mL	67	500 uL		
460-30837-F-21	PMP-14-VS-S (0.5-1.0)	3541, 8270C	T	14.99 g	1 mL	68	500 uL		
460-30837-F-22	PMP-14-VD-S (2.5-3.0)	3541, 8270C	T	15.00 g	1 mL	69	500 uL		
460-30837-F-23	PMP-14-WT-S (7.0-7.5)	3541, 8270C	T	15.00 g	1 mL	70	500 uL		
460-30837-F-24	PMP-8-VS-S (0.5-1.0)	3541, 8270C	T	15.02 g	1 mL	71	500 uL		
460-30837-F-25	PMP-8-VD-S (2.5-3.0)	3541, 8270C	T	15.04 g	1 mL	72	500 uL		
460-30837-F-26	PMP-8-WT-S (7.0-7.5)	3541, 8270C	T	15.03 g	1 mL	73	500 uL		
460-30837-F-27	PMP-4-VS-S (0.5-1.0)	3541, 8270C	T	15.04 g	1 mL	74	500 uL		
460-30837-F-28	PMP-4-VD-S (2.5-3.0)	3541, 8270C	T	15.01 g	1 mL	75	500 uL		
460-30837-F-29	PMP-4-WT-S (7.0-7.5)	3541, 8270C	T	15.01 g	1 mL	76	500 uL		

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Batch Number: 86534 Batch Start Date: 09/19/11 12:00 Batch Analyst: Masongo, Charles

Batch Method: 3541 Batch End Date:

Batch Notes	
Balance ID	28
Batch Comment	BNA 8270C SOIL
Blank Soil Lot Number	J51636
Person's name who did the concentration	CM
Vendor lot number	K18E60
Na2SO4 Lot Number	J51636
Person's name who did the prep	CM
Person's name who witnessed reagent drop	ME
Solvent	MeCl2/Acetone mixture
SOP Number	3541
First Start time	12pm

Basis	Basis Description
T	Total/NA

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Batch Number: 86659 Batch Start Date: 09/20/11 13:00 Batch Analyst: Masongo, Charles

Batch Method: 3541 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPosition	OP8270SoilSUR 00002	OP8270SP 00020	
MB 460-86659/1		3541, 8270C		15.00 g	1 mL	1	500 uL		
LCS 460-86659/2		3541, 8270C		15.00 g	1 mL	2	500 uL	0.5 mL	
460-30849-D-6 MS		3541, 8270C	T	15.00 g	1 mL	3	500 uL	0.5 mL	
460-30849-D-6 MSD		3541, 8270C	T	15.02 g	1 mL	4	500 uL	0.5 mL	
460-30837-F-17	Dup_090811	3541, 8270C	T	15.00 g	1 mL	5	500 uL		

Batch Notes	
Balance ID	28
Batch Comment	BNA 8270C SOIL
Blank Soil Lot Number	J51636
Person's name who did the concentration	CM
Vendor lot number	K18E60
Na2SO4 Lot Number	J51636
Person's name who did the prep	CM
Person's name who witnessed reagent drop	ME
Solvent	MeCl2/Acetone mixture
SOP Number	3541
First Start time	1pm

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.: 460-30837-1

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-2-VD-S (3.5-4.0)	460-30837-1	117	115
PMP-2-WT-S (8.0-8.5)	460-30837-2	0 X D	0 X D
PMP-2-SI-S (10.5-11.0)	460-30837-3	0 X D	0 X D
PMP-24-VS-S (1-3)	460-30837-4	0 X D	0 X D
PMP-24-VD-S (4.5-6.0)	460-30837-5	0 X D	0 X D
PMP-24-WT-S (6.5-8.5)	460-30837-6	0 X D	0 X D
PMP-24-SI-S (10.5-12.5)	460-30837-7	0 X D	0 X D
PMP-22-VS-S (1.5-2.0)	460-30837-8	0 X D	0 X D
PMP-22-VD-S (3.5-5.0)	460-30837-9	132	121
PMP-22-WT-S (7.0-8.5)	460-30837-10	101	91
PMP-23-VS-S (1-3)	460-30837-11	133	124
PMP-23-WT-S (6.5-8.5)	460-30837-12	103	96
PMP-23-VD-S (3.5-5.0)	460-30837-13	138	127
PMP-12-VS-S (0.5-1.0)	460-30837-14	133	128
PMP-12-VD-S (2.5-3.0)	460-30837-15	142	131
PMP-12-WT-S (7.0-7.5)	460-30837-16	121	111
Dup_090811	460-30837-17	124	112
PMP-25-VS-S (1-3)	460-30837-18	94	86
PMP-25-VD-S (3-5)	460-30837-19	119	109
PMP-25-WT-S (7.5-9.5)	460-30837-20	118	108
PMP-14-VS-S (0.5-1.0)	460-30837-21	122	135
PMP-14-VD-S (2.5-3.0)	460-30837-22	116	112
PMP-14-WT-S (7.0-7.5)	460-30837-23	107	104
PMP-8-VS-S (0.5-1.0)	460-30837-24	0 X D	0 X D
PMP-8-VD-S (2.5-3.0)	460-30837-25	107	104
PMP-8-WT-S (7.0-7.5)	460-30837-26	103	99

	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.: 460-30837-1

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-4-VS-S (0.5-1.0)	460-30837-27	0 X D	0 X D
PMP-4-VD-S (2.5-3.0)	460-30837-28	107	102
PMP-4-WT-S (7.0-7.5)	460-30837-29	107	102
	MB 460-85952/1-A	149	146
	MB 460-85953/1-A	109	107
	LCS 460-85952/2-A	150	140
	LCS 460-85953/2-A	116	111
PMP-2-VD-S (3.5-4.0) MS	460-30837-1 MS	132	120
PMP-14-VS-S (0.5-1.0) MS	460-30837-21 MS	131	140
PMP-2-VD-S (3.5-4.0) MSD	460-30837-1 MSD	127	121
PMP-14-VS-S (0.5-1.0) MSD	460-30837-21 MSD	131	145

	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.: 460-30837-1

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_090811	460-30837-30	55	51
FB_090911	460-30837-31	65	60
	MB 460-85730/1-A	110	100
	LCS 460-85730/2-A	94	85
	LCSD 460-85730/3-A	90	81

	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.: 460-30837-1

SDG No.:

Matrix: Water Level: Low Lab File ID: of177414.d

Lab ID: LCS 460-85730/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	5.00	4.49	90	71-126	
Aroclor 1260	5.00	4.04	81	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.: 460-30837-1

SDG No.:

Matrix: Water Level: Low Lab File ID: or177414.d

Lab ID: LCS 460-85730/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	5.00	4.07	81	71-126	
Aroclor 1260	5.00	4.79	96	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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: vf464515.d

Lab ID: LCS 460-85952/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	333	458	137	60-144	
Aroclor 1260	333	414	124	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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: vr464515.d

Lab ID: LCS 460-85952/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	333	456	137	60-144	
Aroclor 1260	333	425	127	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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: of177664.d

Lab ID: LCS 460-85953/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	333	379	114	60-144	
Aroclor 1260	333	337	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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: or177664.d

Lab ID: LCS 460-85953/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	333	340	102	60-144	
Aroclor 1260	333	358	107	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.: 460-30837-1

SDG No.:

Matrix: Water Level: Low Lab File ID: of177415.d

Lab ID: LCSD 460-85730/3-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	4.73	95	5	30	71-126	
Aroclor 1260	5.00	4.39	88	8	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.: 460-30837-1

SDG No.:

Matrix: Water Level: Low Lab File ID: or177415.d

Lab ID: LCSD 460-85730/3-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	4.03	81	1	30	71-126	
Aroclor 1260	5.00	4.51	90	6	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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: vf464516.d

Lab ID: 460-30837-1 MS Client ID: PMP-2-VD-S (3.5-4.0) MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	355	71 U	341	96	60-144	
Aroclor 1260	355	71 U	391	110	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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: vr464516.d

Lab ID: 460-30837-1 MS Client ID: PMP-2-VD-S (3.5-4.0) MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	355	71 U	283	80	60-144	
Aroclor 1260	355	71 U	375	106	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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: of177859.d

Lab ID: 460-30837-21 MS Client ID: PMP-14-VS-S (0.5-1.0) MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	347	350 U	3580	1032	60-144	F
Aroclor 1260	347	2800	2480	-44	63-143	4

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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: or177859.d

Lab ID: 460-30837-21 MS Client ID: PMP-14-VS-S (0.5-1.0) MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	347	350 U	4610	1328	60-144	F
Aroclor 1260	347	2600	2590	-74	63-143	4

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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: vf464517.d

Lab ID: 460-30837-1 MSD Client ID: PMP-2-VD-S (3.5-4.0) MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	355	330	93	3	30	60-144	
Aroclor 1260	355	383	108	2	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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: vr464517.d

Lab ID: 460-30837-1 MSD Client ID: PMP-2-VD-S (3.5-4.0) MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	355	284	80	0	30	60-144	
Aroclor 1260	355	381	107	2	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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: of177860.d

Lab ID: 460-30837-21 MSD Client ID: PMP-14-VS-S (0.5-1.0) MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	347	3920	1128	16	30	60-144	F
Aroclor 1260	347	2370	-138	9	30	63-143	4

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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: or177860.d

Lab ID: 460-30837-21 MSD Client ID: PMP-14-VS-S (0.5-1.0) MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	347	3040	875	16	30	60-144	F
Aroclor 1260	347	2330	-87	6	30	63-143	4

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.: 460-30837-1

SDG No.:

Lab Sample ID: MB 460-85730/1-A

Matrix: Water Date Extracted: 09/12/2011 08:23

Lab File ID:(1) or177413.d Lab File ID:(2) of177413.d

Date Analyzed:(1) 09/13/2011 01:36 Date Analyzed:(2) 09/13/2011 01:36

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 460-85730/2-A	09/13/2011 01:52	09/13/2011 01:52
	LCSD 460-85730/3-A	09/13/2011 02:08	09/13/2011 02:08
FB_090811	460-30837-30	09/13/2011 03:13	09/13/2011 03:13
FB_090911	460-30837-31	09/13/2011 03:29	09/13/2011 03:29

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: MB 460-85952/1-A

Matrix: Solid Date Extracted: 09/14/2011 04:57

Lab File ID:(1) vr464514.d Lab File ID:(2) vf464514.d

Date Analyzed:(1) 09/15/2011 10:21 Date Analyzed:(2) 09/15/2011 10:21

Instrument ID:(1) PESTGC9 Instrument ID:(2) PESTGC9

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 460-85952/2-A	09/15/2011 10:37	09/15/2011 10:37
PMP-2-VD-S (3.5-4.0) MS	460-30837-1 MS	09/15/2011 10:52	09/15/2011 10:52
PMP-2-VD-S (3.5-4.0) MSD	460-30837-1 MSD	09/15/2011 11:08	09/15/2011 11:08
PMP-2-VD-S (3.5-4.0)	460-30837-1	09/15/2011 11:24	09/15/2011 11:24
PMP-22-VD-S (3.5-5.0)	460-30837-9	09/15/2011 13:30	09/15/2011 13:30
PMP-22-WT-S (7.0-8.5)	460-30837-10	09/15/2011 13:46	09/15/2011 13:46
PMP-23-VS-S (1-3)	460-30837-11	09/15/2011 14:02	09/15/2011 14:02
PMP-23-WT-S (6.5-8.5)	460-30837-12	09/15/2011 14:18	09/15/2011 14:18
PMP-23-VD-S (3.5-5.0)	460-30837-13	09/15/2011 14:33	09/15/2011 14:33
PMP-12-VS-S (0.5-1.0)	460-30837-14	09/15/2011 14:49	09/15/2011 14:49
PMP-12-VD-S (2.5-3.0)	460-30837-15	09/15/2011 15:05	09/15/2011 15:05
PMP-12-WT-S (7.0-7.5)	460-30837-16	09/15/2011 15:20	09/15/2011 15:20
Dup_090811	460-30837-17	09/15/2011 16:39	09/15/2011 16:39
PMP-25-VS-S (1-3)	460-30837-18	09/15/2011 16:55	09/15/2011 16:55
PMP-25-VD-S (3-5)	460-30837-19	09/15/2011 17:11	09/15/2011 17:11
PMP-25-WT-S (7.5-9.5)	460-30837-20	09/15/2011 17:27	09/15/2011 17:27
PMP-2-WT-S (8.0-8.5)	460-30837-2	09/20/2011 02:52	09/20/2011 02:52
PMP-2-SI-S (10.5-11.0)	460-30837-3	09/20/2011 03:08	09/20/2011 03:08
PMP-24-SI-S (10.5-12.5)	460-30837-7	09/20/2011 04:11	09/20/2011 04:11
PMP-22-VS-S (1.5-2.0)	460-30837-8	09/20/2011 04:27	09/20/2011 04:27
PMP-24-VS-S (1-3)	460-30837-4	09/20/2011 23:17	09/20/2011 23:17
PMP-24-WT-S (6.5-8.5)	460-30837-6	09/20/2011 23:49	09/20/2011 23:49
PMP-24-VD-S (4.5-6.0)	460-30837-5	09/21/2011 01:09	09/21/2011 01:09

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: MB 460-85953/1-A

Matrix: Solid Date Extracted: 09/14/2011 05:06

Lab File ID:(1) or177663.d Lab File ID:(2) of177663.d

Date Analyzed:(1) 09/16/2011 14:59 Date Analyzed:(2) 09/16/2011 14:59

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 460-85953/2-A	09/16/2011 15:16	09/16/2011 15:16
PMP-14-VD-S (2.5-3.0)	460-30837-22	09/16/2011 16:22	09/16/2011 16:22
PMP-14-WT-S (7.0-7.5)	460-30837-23	09/16/2011 16:38	09/16/2011 16:38
PMP-8-VD-S (2.5-3.0)	460-30837-25	09/16/2011 17:11	09/16/2011 17:11
PMP-8-WT-S (7.0-7.5)	460-30837-26	09/16/2011 17:28	09/16/2011 17:28
PMP-4-VD-S (2.5-3.0)	460-30837-28	09/16/2011 18:01	09/16/2011 18:01
PMP-4-WT-S (7.0-7.5)	460-30837-29	09/16/2011 18:18	09/16/2011 18:18
PMP-14-VS-S (0.5-1.0) MS	460-30837-21 MS	09/21/2011 13:45	09/21/2011 13:45
PMP-14-VS-S (0.5-1.0) MSD	460-30837-21 MSD	09/21/2011 14:01	09/21/2011 14:01
PMP-14-VS-S (0.5-1.0)	460-30837-21	09/21/2011 14:18	09/21/2011 14:18
PMP-8-VS-S (0.5-1.0)	460-30837-24	09/21/2011 14:51	09/21/2011 14:51
PMP-4-VS-S (0.5-1.0)	460-30837-27	09/21/2011 15:26	09/21/2011 15:26

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Sample No.: CCVRT 460-85904/2 Date Analyzed: 09/13/2011 01:19

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): of177412.d Heated Purge: (Y/N) N

Calibration ID: 12029

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB		
				RT #		
CONTINUING CALIBRATION SURROGATE				10.48		
UPPER LIMIT				10.58		
LOWER LIMIT				10.38		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-85904/2		09/13/2011 01:19	of177412.d	10.48		
MB 460-85730/1-A		09/13/2011 01:36	of177413.d	10.48		
LCS 460-85730/2-A		09/13/2011 01:52	of177414.d	10.48		
LCSD 460-85730/3-A		09/13/2011 02:08	of177415.d	10.48		
460-30837-30	FB_090811	09/13/2011 03:13	of177419.d	10.48		
460-30837-31	FB_090911	09/13/2011 03:29	of177420.d	10.48		
CCV 460-85904/15		09/13/2011 04:51	of177425.d	10.48		

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.: 460-30837-1

SDG No.:

Sample No.: CCVRT 460-85904/2 Date Analyzed: 09/13/2011 01:19

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): or177412.d Heated Purge: (Y/N) N

Calibration ID: 12021

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB		
				RT #		
CONTINUING CALIBRATION SURROGATE				9.35		
UPPER LIMIT				9.45		
LOWER LIMIT				9.25		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-85904/2		09/13/2011 01:19	or177412.d	9.35		
MB 460-85730/1-A		09/13/2011 01:36	or177413.d	9.35		
LCS 460-85730/2-A		09/13/2011 01:52	or177414.d	9.35		
LCSD 460-85730/3-A		09/13/2011 02:08	or177415.d	9.35		
460-30837-30	FB_090811	09/13/2011 03:13	or177419.d	9.35		
460-30837-31	FB_090911	09/13/2011 03:29	or177420.d	9.35		
CCV 460-85904/15		09/13/2011 04:51	or177425.d	9.35		

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.: 460-30837-1

SDG No.:

Sample No.: CCVRT 460-86753/2 Date Analyzed: 09/16/2011 12:42

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): of177655.d Heated Purge: (Y/N) N

Calibration ID: 12029

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				10.48		
UPPER LIMIT				10.58		
LOWER LIMIT				10.38		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-86753/2		09/16/2011 12:42	of177655.d	10.48		
MB 460-85953/1-A		09/16/2011 14:59	of177663.d	10.48		
LCS 460-85953/2-A		09/16/2011 15:16	of177664.d	10.48		
460-30837-22	PMP-14-VD-S (2.5-3.0)	09/16/2011 16:22	of177668.d	10.48		
460-30837-25	PMP-8-VD-S (2.5-3.0)	09/16/2011 17:11	of177671.d	10.48		
460-30837-26	PMP-8-WT-S (7.0-7.5)	09/16/2011 17:28	of177672.d	10.48		
460-30837-28	PMP-4-VD-S (2.5-3.0)	09/16/2011 18:01	of177674.d	10.47		
460-30837-29	PMP-4-WT-S (7.0-7.5)	09/16/2011 18:18	of177675.d	10.48		
CCV 460-86753/23		09/16/2011 18:34	of177676.d	10.48		

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.: 460-30837-1

SDG No.:

Sample No.: CCVRT 460-86753/2 Date Analyzed: 09/16/2011 12:42

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): or177655.d Heated Purge: (Y/N) N

Calibration ID: 12021

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB		
				RT #		
CONTINUING CALIBRATION SURROGATE				9.35		
UPPER LIMIT				9.45		
LOWER LIMIT				9.25		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-86753/2		09/16/2011 12:42	or177655.d	9.35		
MB 460-85953/1-A		09/16/2011 14:59	or177663.d	9.35		
LCS 460-85953/2-A		09/16/2011 15:16	or177664.d	9.35		
460-30837-22	PMP-14-VD-S (2.5-3.0)	09/16/2011 16:22	or177668.d	9.35		
460-30837-23	PMP-14-WT-S (7.0-7.5)	09/16/2011 16:38	or177669.d	9.35		
460-30837-25	PMP-8-VD-S (2.5-3.0)	09/16/2011 17:11	or177671.d	9.35		
460-30837-26	PMP-8-WT-S (7.0-7.5)	09/16/2011 17:28	or177672.d	9.35		
460-30837-28	PMP-4-VD-S (2.5-3.0)	09/16/2011 18:01	or177674.d	9.33		
460-30837-29	PMP-4-WT-S (7.0-7.5)	09/16/2011 18:18	or177675.d	9.35		
CCV 460-86753/23		09/16/2011 18:34	or177676.d	9.35		

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.: 460-30837-1

SDG No.:

Sample No.: CCVRT 460-86921/2 Date Analyzed: 09/21/2011 13:22

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): of177858.d Heated Purge: (Y/N) N

Calibration ID: 12029

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

		DCB RT #		
CONTINUING CALIBRATION SURROGATE		10.48		
UPPER LIMIT		10.58		
LOWER LIMIT		10.38		

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-86921/2		09/21/2011 13:22	of177858.d	10.48		
460-30837-21 MS	PMP-14-VS-S (0.5-1.0) MS	09/21/2011 13:45	of177859.d	10.48		
460-30837-21 MSD	PMP-14-VS-S (0.5-1.0) MSD	09/21/2011 14:01	of177860.d	10.48		
460-30837-21	PMP-14-VS-S (0.5-1.0)	09/21/2011 14:18	of177861.d	10.47		
460-30837-24	PMP-8-VS-S (0.5-1.0)	09/21/2011 14:51	of177863.d	0.00		
460-30837-27	PMP-4-VS-S (0.5-1.0)	09/21/2011 15:26	of177865.d	0.00		
CCV 460-86921/11		09/21/2011 15:59	of177867.d	10.48		

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.: 460-30837-1

SDG No.:

Sample No.: CCVRT 460-86921/2 Date Analyzed: 09/21/2011 13:22

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): or177858.d Heated Purge: (Y/N) N

Calibration ID: 12021

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				9.36		
UPPER LIMIT				9.46		
LOWER LIMIT				9.26		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-86921/2		09/21/2011 13:22	or177858.d	9.36		
460-30837-21 MS	PMP-14-VS-S (0.5-1.0) MS	09/21/2011 13:45	or177859.d	9.35		
460-30837-21 MSD	PMP-14-VS-S (0.5-1.0) MSD	09/21/2011 14:01	or177860.d	9.35		
460-30837-21	PMP-14-VS-S (0.5-1.0)	09/21/2011 14:18	or177861.d	9.35		
460-30837-24	PMP-8-VS-S (0.5-1.0)	09/21/2011 14:51	or177863.d	0.00		
460-30837-27	PMP-4-VS-S (0.5-1.0)	09/21/2011 15:26	or177865.d	0.00		
CCV 460-86921/11		09/21/2011 15:59	or177867.d	9.36		

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.: 460-30837-1

SDG No.:

Sample No.: CCVRT 460-86735/1 Date Analyzed: 09/15/2011 16:08

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): vf464536.d Heated Purge: (Y/N) N

Calibration ID: 12058

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				11.54		
UPPER LIMIT				11.64		
LOWER LIMIT				11.44		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-86735/1		09/15/2011 16:08	vf464536.d	11.54		
460-30837-17	Dup_090811	09/15/2011 16:39	vf464538.d	11.55		
460-30837-18	PMP-25-VS-S (1-3)	09/15/2011 16:55	vf464539.d	11.55		
460-30837-19	PMP-25-VD-S (3-5)	09/15/2011 17:11	vf464540.d	11.55		
460-30837-20	PMP-25-WT-S (7.5-9.5)	09/15/2011 17:27	vf464541.d	11.55		
CCV 460-86735/8		09/15/2011 17:58	vf464543.d	11.55		

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.: 460-30837-1

SDG No.:

Sample No.: CCVRT 460-86735/1 Date Analyzed: 09/15/2011 16:08

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): vr464536.d Heated Purge: (Y/N) N

Calibration ID: 12059

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				10.63		
UPPER LIMIT				10.73		
LOWER LIMIT				10.53		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-86735/1		09/15/2011 16:08	vr464536.d	10.63		
460-30837-17	Dup_090811	09/15/2011 16:39	vr464538.d	10.63		
460-30837-18	PMP-25-VS-S (1-3)	09/15/2011 16:55	vr464539.d	10.63		
460-30837-19	PMP-25-VD-S (3-5)	09/15/2011 17:11	vr464540.d	10.63		
460-30837-20	PMP-25-WT-S (7.5-9.5)	09/15/2011 17:27	vr464541.d	10.63		
CCV 460-86735/8		09/15/2011 17:58	vr464543.d	10.63		

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.: 460-30837-1

SDG No.:

Sample No.: CCVRT 460-86731/4 Date Analyzed: 09/20/2011 02:30

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): vf464684.d Heated Purge: (Y/N) N

Calibration ID: 12058

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				11.55		
UPPER LIMIT				11.65		
LOWER LIMIT				11.45		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-86731/4		09/20/2011 02:30	vf464684.d	11.55		
460-30837-2	PMP-2-WT-S (8.0-8.5)	09/20/2011 02:52	vf464685.d	0.00		
460-30837-3	PMP-2-SI-S (10.5-11.0)	09/20/2011 03:08	vf464686.d	0.00		
460-30837-7	PMP-24-SI-S (10.5-12.5)	09/20/2011 04:11	vf464690.d	0.00		
460-30837-8	PMP-22-VS-S (1.5-2.0)	09/20/2011 04:27	vf464691.d	0.00		
CCV 460-86731/13		09/20/2011 04:59	vf464693.d	11.56		

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.: 460-30837-1

SDG No.:

Sample No.: CCVRT 460-86731/4 Date Analyzed: 09/20/2011 02:30

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): vr464684.d Heated Purge: (Y/N) N

Calibration ID: 12059

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				10.63		
UPPER LIMIT				10.73		
LOWER LIMIT				10.53		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-86731/4		09/20/2011 02:30	vr464684.d	10.63		
460-30837-2	PMP-2-WT-S (8.0-8.5)	09/20/2011 02:52	vr464685.d	0.00		
460-30837-3	PMP-2-SI-S (10.5-11.0)	09/20/2011 03:08	vr464686.d	0.00		
460-30837-7	PMP-24-SI-S (10.5-12.5)	09/20/2011 04:11	vr464690.d	0.00		
460-30837-8	PMP-22-VS-S (1.5-2.0)	09/20/2011 04:27	vr464691.d	0.00		
CCV 460-86731/13		09/20/2011 04:59	vr464693.d	10.63		

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.: 460-30837-1

SDG No.:

Sample No.: CCVRT 460-86737/2 Date Analyzed: 09/20/2011 17:15

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): vf464725.d Heated Purge: (Y/N) N

Calibration ID: 12058

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				11.55		
UPPER LIMIT				11.65		
LOWER LIMIT				11.45		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-86737/2		09/20/2011 17:15	vf464725.d	11.55		
460-30837-4	PMP-24-VS-S (1-3)	09/20/2011 23:17	vf464730.d	0.00		
460-30837-6	PMP-24-WT-S (6.5-8.5)	09/20/2011 23:49	vf464732.d	0.00		
460-30837-5	PMP-24-VD-S (4.5-6.0)	09/21/2011 01:09	vf464733.d	0.00		
CCV 460-86737/12		09/21/2011 01:40	vf464735.d	11.52		

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.: 460-30837-1

SDG No.:

Sample No.: CCVRT 460-86737/2 Date Analyzed: 09/20/2011 17:15

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): vr464725.d Heated Purge: (Y/N) N

Calibration ID: 12059

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				10.63		
UPPER LIMIT				10.73		
LOWER LIMIT				10.53		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-86737/2		09/20/2011 17:15	vr464725.d	10.63		
460-30837-4	PMP-24-VS-S (1-3)	09/20/2011 23:17	vr464730.d	0.00		
460-30837-6	PMP-24-WT-S (6.5-8.5)	09/20/2011 23:49	vr464732.d	0.00		
460-30837-5	PMP-24-VD-S (4.5-6.0)	09/21/2011 01:09	vr464733.d	0.00		
CCV 460-86737/12		09/21/2011 01:40	vr464735.d	10.63		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-2-VD-S (3.5-4.0) MS Lab Sample ID: 460-30837-1 MS

Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9

Date Analyzed (1): 09/15/2011 10:52 Date Analyzed (2): 09/15/2011 10:52

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	2.10	2.04	2.18	282	283	18.6
		2	2.54	2.47	2.61	275		
		3	2.79	2.72	2.86	259		
		4	3.14	3.08	3.22	278		
		5	3.34	3.28	3.42	282		
		6	3.44	3.38	3.52	274		
		7	4.05	3.99	4.13	315		
		8	4.20	4.14	4.28	302		
	2	1	2.97	2.90	3.04	331	341	
		2	3.65	3.59	3.73	356		
		3	4.09	4.03	4.17	332		
		4	4.49	4.43	4.57	341		
		5	4.74	4.68	4.82	329		
		6	5.17	5.11	5.25	352		
		7	5.56	5.50	5.64	350		
		8	5.77	5.71	5.85	340		
Aroclor 1260	1	1	6.08	6.02	6.16	328	375	4.3
		2	6.53	6.47	6.61	347		
		3	6.97	6.91	7.05	360		
		4	7.18	7.11	7.25	383		
		5	7.61	7.55	7.69	394		
		6	8.90	8.85	8.99	438		
		7	9.01	8.94	9.08	373		
		8	9.13	9.06	9.20	378		
	2	1	7.47	7.41	7.55	344	391	
		2	7.78	7.72	7.86	367		
		3	8.25	8.19	8.33	391		
		4	9.37	9.31	9.45	423		
		5	9.49	9.43	9.57	430		
		6	9.93	9.87	10.01	447		
		7	10.30	10.23	10.37	375		
		8	11.13	11.04	11.18	355		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-2-VD-S (3.5-4.0) MSD Lab Sample ID: 460-30837-1 MSD

Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9

Date Analyzed (1): 09/15/2011 11:08 Date Analyzed (2): 09/15/2011 11:08

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 1016	1	1	2.10	2.04	2.18	284	284	15.2
		2	2.54	2.47	2.61	277		
		3	2.79	2.72	2.86	261		
		4	3.14	3.08	3.22	281		
		5	3.34	3.28	3.42	285		
		6	3.44	3.38	3.52	268		
		7	4.05	3.99	4.13	317		
		8	4.20	4.14	4.28	297		
	2	1	2.97	2.90	3.04	342	330	
		2	3.65	3.59	3.73	357		
		3	4.10	4.03	4.17	312		
		4	4.49	4.43	4.57	324		
		5	4.74	4.68	4.82	295		
		6	5.18	5.11	5.25	316		
		7	5.56	5.50	5.64	357		
		8	5.77	5.71	5.85	341		
Aroclor 1260	1	1	6.08	6.02	6.16	329	381	0.5
		2	6.54	6.47	6.61	349		
		3	6.98	6.91	7.05	365		
		4	7.18	7.11	7.25	388		
		5	7.61	7.55	7.69	404		
		6	8.91	8.85	8.99	447		
		7	9.01	8.94	9.08	380		
		8	9.13	9.06	9.20	383		
	2	1	7.47	7.41	7.55	347	383	
		2	7.79	7.72	7.86	369		
		3	8.25	8.19	8.33	362		
		4	9.37	9.31	9.45	405		
		5	9.49	9.43	9.57	396		
		6	9.94	9.87	10.01	429		
		7	10.30	10.23	10.37	374		
		8	11.12	11.04	11.18	378		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-2-WT-S (8.0-8.5) Lab Sample ID: 460-30837-2

Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9

Date Analyzed (1): 09/20/2011 02:52 Date Analyzed (2): 09/20/2011 02:52

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 1242	1	1	2.11	2.04	2.18	174000	160000	1.6
		2	2.55	2.48	2.62	181000		
		4	3.15	3.08	3.22	178000		
		5	3.35	3.29	3.43	185000		
		6	3.71	3.64	3.78	119000		
		7	4.06	3.99	4.13	185000		
		8	5.15	5.08	5.22	130000		
	2	1	2.99	2.90	3.04	178000	160000	
		2	3.68	3.59	3.73	179000		
		3	4.09	4.03	4.17	99400		
		7	5.79	5.71	5.85	187000		
		8	6.31	6.23	6.37	167000		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-2-SI-S (10.5-11.0) Lab Sample ID: 460-30837-3

Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9

Date Analyzed (1): 09/20/2011 03:08 Date Analyzed (2): 09/20/2011 03:08

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	2.10	2.04	2.18	163000	170000	2.1
		2	2.54	2.48	2.62	171000		
		4	3.15	3.08	3.22	171000		
		5	3.35	3.29	3.43	181000		
		6	3.70	3.64	3.78	184000		
		7	4.06	3.99	4.13	185000		
		8	5.14	5.08	5.22	136000		
	2	1	2.97	2.90	3.04	170000	170000	
		2	3.66	3.59	3.73	154000		
		3	4.10	4.03	4.17	179000		
		4	4.50	4.43	4.57	178000		
		7	5.78	5.71	5.85	178000		
		8	6.29	6.23	6.37	183000		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-24-VS-S (1-3) Lab Sample ID: 460-30837-4

Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9

Date Analyzed (1): 09/20/2011 23:17 Date Analyzed (2): 09/20/2011 23:17

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	2.04	2.18	6280000	6900000	2.5
		2	2.55	2.48	2.62	6750000		
		3	2.80	2.73	2.87	8170000		
		4	3.15	3.08	3.22	6490000		
		5	3.36	3.29	3.43	6790000		
		6	3.71	3.64	3.78	7090000		
		7	4.07	3.99	4.13	6800000		
		8	5.15	5.08	5.22	6690000		
	2	1	2.98	2.90	3.04	6860000	7100000	
		2	3.66	3.59	3.73	6320000		
		3	4.10	4.03	4.17	7340000		
		4	4.51	4.43	4.57	6800000		
		5	4.75	4.68	4.82	7970000		
		6	4.93	4.86	5.00	8320000		
		7	5.78	5.71	5.85	7470000		
		8	6.30	6.23	6.37	5340000		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-24-VD-S (4.5-6.0) Lab Sample ID: 460-30837-5

Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9

Date Analyzed (1): 09/21/2011 01:09 Date Analyzed (2): 09/21/2011 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 1242	1	1	2.11	2.04	2.18	5180000	5400000	0.4
		2	2.55	2.48	2.62	5450000		
		3	2.80	2.73	2.87	6460000		
		4	3.15	3.08	3.22	5330000		
		5	3.36	3.29	3.43	5420000		
		6	3.71	3.64	3.78	5440000		
		7	4.07	3.99	4.13	5310000		
		8	5.15	5.08	5.22	4880000		
	2	1	3.00	2.90	3.04	5240000	5400000	
		2	3.69	3.59	3.73	5120000		
		3	4.13	4.03	4.17	5800000		
		4	4.53	4.43	4.57	5410000		
		5	4.77	4.68	4.82	6100000		
		6	4.95	4.86	5.00	6200000		
		7	5.80	5.71	5.85	5140000		
		8	6.32	6.23	6.37	4290000		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-24-WT-S (6.5-8.5) Lab Sample ID: 460-30837-6

Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9

Date Analyzed (1): 09/20/2011 23:49 Date Analyzed (2): 09/20/2011 23:49

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	2.10	2.04	2.18	5240000	5600000	1.3
		2	2.54	2.48	2.62	5660000		
		3	2.79	2.73	2.87	6700000		
		4	3.15	3.08	3.22	5400000		
		5	3.35	3.29	3.43	5560000		
		6	3.70	3.64	3.78	5680000		
		7	4.06	3.99	4.13	5370000		
		8	5.15	5.08	5.22	4990000		
	2	1	2.97	2.90	3.04	5650000	5700000	
		2	3.66	3.59	3.73	5400000		
		3	4.10	4.03	4.17	5650000		
		4	4.50	4.43	4.57	5710000		
		5	4.75	4.68	4.82	6430000		
		6	4.93	4.86	5.00	6430000		
		7	5.78	5.71	5.85	5440000		
		8	6.30	6.23	6.37	4490000		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-24-SI-S (10.5-12.5) Lab Sample ID: 460-30837-7

Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9

Date Analyzed (1): 09/20/2011 04:11 Date Analyzed (2): 09/20/2011 04:11

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 1242	1	1	2.10	2.04	2.18	808000	830000	1.0
		2	2.54	2.48	2.62	867000		
		4	3.15	3.08	3.22	831000		
		5	3.35	3.29	3.43	860000		
		6	3.70	3.64	3.78	868000		
		7	4.06	3.99	4.13	833000		
		8	5.14	5.08	5.22	774000		
	2	1	2.97	2.90	3.04	826000	830000	
		2	3.66	3.59	3.73	829000		
		4	4.50	4.43	4.57	885000		
		7	5.77	5.71	5.85	870000		
		8	6.29	6.23	6.37	719000		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-22-VS-S (1.5-2.0) Lab Sample ID: 460-30837-8

Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9

Date Analyzed (1): 09/20/2011 04:27 Date Analyzed (2): 09/20/2011 04:27

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	2.54	2.48	2.62	19300	12000	22.7
		2	3.15	3.08	3.22	18400		
		3	3.35	3.29	3.43	16000		
		4	3.70	3.64	3.78	9840		
		5	4.06	3.99	4.13	9420		
		6	4.21	4.14	4.28	9220		
		7	4.69	4.64	4.78	5090		
		8	5.14	5.08	5.22	6850		
	2	3	4.74	4.67	4.81	15600	9400	
		4	5.11	5.04	5.18	7670		
		5	5.56	5.50	5.64	8590		
		6	5.77	5.71	5.85	9520		
		7	6.11	6.05	6.19	7760		
		8	6.29	6.23	6.37	7060		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-22-VD-S (3.5-5.0) Lab Sample ID: 460-30837-9

Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9

Date Analyzed (1): 09/15/2011 13:30 Date Analyzed (2): 09/15/2011 13:30

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	2.10	2.04	2.18	1310	1400	2.4
		2	2.55	2.48	2.62	1340		
		3	2.79	2.73	2.87	1690		
		4	3.15	3.08	3.22	1320		
		5	3.35	3.29	3.43	1390		
		6	3.71	3.64	3.78	1400		
		7	4.06	3.99	4.13	1390		
		8	5.15	5.08	5.22	1400		
	2	1	2.97	2.90	3.04	1440	1400	
		2	3.66	3.59	3.73	1350		
		3	4.10	4.03	4.17	1470		
		4	4.50	4.43	4.57	1460		
		5	4.74	4.68	4.82	1700		
		7	5.78	5.71	5.85	1460		
		8	6.29	6.23	6.37	1200		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-22-WT-S (7.0-8.5) Lab Sample ID: 460-30837-10

Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9

Date Analyzed (1): 09/15/2011 13:46 Date Analyzed (2): 09/15/2011 13:46

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	2.10	2.04	2.18	384	500	16.1
		2	2.54	2.48	2.62	484		
		3	2.79	2.73	2.87	648		
		4	3.15	3.08	3.22	495		
		5	3.35	3.29	3.43	513		
		6	3.70	3.64	3.78	513		
		7	4.06	3.99	4.13	505		
		8	5.15	5.08	5.22	469		
	2	1	2.97	2.90	3.04	491	590	
		2	3.66	3.59	3.73	474		
		3	4.10	4.03	4.17	751		
		4	4.50	4.43	4.57	546		
		5	4.74	4.68	4.82	630		
		6	4.92	4.86	5.00	658		
		7	5.77	5.71	5.85	580		
		8	6.29	6.23	6.37	584		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-23-VS-S (1-3) Lab Sample ID: 460-30837-11

Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9

Date Analyzed (1): 09/15/2011 14:02 Date Analyzed (2): 09/15/2011 14:02

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 1248	1	3	3.37	3.29	3.43	1190	1000	7.6
		4	3.70	3.64	3.78	1090		
		5	4.06	3.99	4.13	976		
		6	4.21	4.14	4.28	1630		
		7	4.70	4.64	4.78	583		
		8	5.15	5.08	5.22	621		
	2	3	4.74	4.67	4.81	1180	940	
		4	5.11	5.04	5.18	905		
		5	5.57	5.50	5.64	891		
		6	5.78	5.71	5.85	1010		
		7	6.11	6.05	6.19	768		
		8	6.29	6.23	6.37	897		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-23-WT-S (6.5-8.5) Lab Sample ID: 460-30837-12

Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9

Date Analyzed (1): 09/15/2011 14:18 Date Analyzed (2): 09/15/2011 14:18

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	1	2.55	2.48	2.62	280	140	14.1
		2	3.16	3.08	3.22	219		
		3	3.36	3.29	3.43	170		
		4	3.70	3.64	3.78	103		
		5	4.06	3.99	4.13	111		
		6	4.21	4.14	4.28	109		
		7	4.70	4.64	4.78	67.7		
		8	5.15	5.08	5.22	84.9		
	2	1	3.66	3.59	3.73	275	160	
		2	4.51	4.43	4.57	242		
		3	4.75	4.67	4.81	206		
		4	5.11	5.04	5.18	109		
		5	5.57	5.50	5.64	119		
		6	5.78	5.71	5.85	129		
		7	6.11	6.05	6.19	101		
		8	6.30	6.23	6.37	138		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-23-VD-S (3.5-5.0) Lab Sample ID: 460-30837-13

Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9

Date Analyzed (1): 09/15/2011 14:33 Date Analyzed (2): 09/15/2011 14:33

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 1248	1	1	2.55	2.48	2.62	243	96	22.4
		2	3.16	3.08	3.22	150		
		3	3.36	3.29	3.43	142		
		4	3.70	3.64	3.78	19.4		
		5	4.06	3.99	4.13	64.2		
		6	4.21	4.14	4.28	62.5		
		7	4.65	4.64	4.78	32.7		
		8	5.15	5.08	5.22	55.1		
	2	1	3.66	3.59	3.73	245	120	
		2	4.50	4.43	4.57	185		
		3	4.75	4.67	4.81	212		
		4	5.11	5.04	5.18	66.6		
		5	5.57	5.50	5.64	68.1		
		6	5.78	5.71	5.85	71.8		
		7	6.12	6.05	6.19	47.8		
		8	6.29	6.23	6.37	67.8		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-12-VS-S (0.5-1.0) Lab Sample ID: 460-30837-14

Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9

Date Analyzed (1): 09/15/2011 14:49 Date Analyzed (2): 09/15/2011 14:49

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 1248	1	1	2.54	2.48	2.62	88.0	47	25.6
		2	3.15	3.08	3.22	73.5		
		3	3.35	3.29	3.43	33.2		
		5	4.06	3.99	4.13	37.8		
		6	4.21	4.14	4.28	31.9		
		7	4.70	4.64	4.78	34.6		
		8	5.19	5.08	5.22	64.6		
	2	1	3.66	3.59	3.73	110	60	
		2	4.50	4.43	4.57	89.9		
		3	4.74	4.67	4.81	111		
		4	5.11	5.04	5.18	33.3		
		5	5.56	5.50	5.64	32.1		
		6	5.77	5.71	5.85	39.2		
		7	6.10	6.05	6.19	30.1		
		8	6.29	6.23	6.37	37.2		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-12-VD-S (2.5-3.0) Lab Sample ID: 460-30837-15

Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9

Date Analyzed (1): 09/15/2011 15:05 Date Analyzed (2): 09/15/2011 15:05

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	2.54	2.48	2.62	51.8	24	0.1
		2	3.15	3.08	3.22	41.3		
		3	3.36	3.29	3.43	30.6		
		6	4.21	4.14	4.28	23.5		
	2	1	3.66	3.59	3.73	48.4	24	
		2	4.50	4.43	4.57	36.8		
		3	4.75	4.67	4.81	36.5		
		5	5.56	5.50	5.64	19.7		
		6	5.77	5.71	5.85	17.9		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-12-WT-S (7.0-7.5) Lab Sample ID: 460-30837-16

Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9

Date Analyzed (1): 09/15/2011 15:20 Date Analyzed (2): 09/15/2011 15:20

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	2.55	2.48	2.62	56.9	29	10.7
		2	3.16	3.08	3.22	43.5		
		3	3.36	3.29	3.43	33.8		
		5	4.06	3.99	4.13	21.0		
		7	4.65	4.64	4.78	29.7		
	2	1	3.65	3.59	3.73	55.9	32	
		2	4.50	4.43	4.57	46.3		
		3	4.74	4.67	4.81	48.9		
		5	5.56	5.50	5.64	28.8		
		6	5.78	5.71	5.85	24.4		
		8	6.29	6.23	6.37	19.5		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Dup_090811 Lab Sample ID: 460-30837-17

Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9

Date Analyzed (1): 09/15/2011 16:39 Date Analyzed (2): 09/15/2011 16:39

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	2.54	2.48	2.62	66.5	32	8.2
		2	3.15	3.08	3.22	49.4		
		3	3.36	3.29	3.43	47.6		
		5	4.06	3.99	4.13	19.6		
		7	4.64	4.64	4.78	25.3		
	2	1	3.65	3.59	3.73	60.3	29	
		2	4.50	4.43	4.57	41.8		
		3	4.74	4.67	4.81	38.5		
		5	5.56	5.50	5.64	34.0		
		6	5.78	5.71	5.85	21.0		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-25-VS-S (1-3) Lab Sample ID: 460-30837-18

Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9

Date Analyzed (1): 09/15/2011 16:55 Date Analyzed (2): 09/15/2011 16:55

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 1260	1	1	6.09	6.02	6.16	30.6	45	2.4
		2	6.54	6.47	6.61	43.8		
		3	6.99	6.91	7.05	44.4		
		4	7.18	7.11	7.25	54.6		
		5	7.62	7.55	7.69	43.4		
		6	8.92	8.85	8.99	37.0		
		7	9.01	8.94	9.08	60.2		
		8	9.13	9.06	9.20	49.4		
	2	2	7.79	7.72	7.86	33.0	44	
		3	8.25	8.19	8.33	49.8		
		4	9.37	9.31	9.45	48.9		
		5	9.49	9.43	9.57	30.0		
		6	9.94	9.87	10.01	51.2		
		7	10.30	10.23	10.37	44.9		
		8	11.11	11.04	11.18	52.8		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-14-VS-S (0.5-1.0) Lab Sample ID: 460-30837-21

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 09/21/2011 14:18 Date Analyzed (2): 09/21/2011 14:18

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	1	2.67	2.59	2.73	1550	5100	4.0
		2	3.13	3.04	3.18	7370		
		3	3.27	3.19	3.33	3340		
		4	3.46	3.39	3.53	5560		
		5	3.69	3.62	3.76	5900		
		6	3.79	3.73	3.87	5050		
		7	3.94	3.86	4.00	7080		
	2	1	3.35	3.25	3.39	1780	5300	
		2	3.89	3.79	3.93	6440		
		3	4.02	3.94	4.08	4800		
		4	4.33	4.24	4.38	5300		
		5	4.61	4.52	4.66	6060		
		6	4.76	4.68	4.82	7620		
Aroclor 1260	1	1	5.09	5.03	5.17	3590	2600	7.7
		2	5.44	5.38	5.52	2890		
		3	5.79	5.74	5.88	2750		
		4	5.93	5.86	6.00	2650		
		5	6.25	6.19	6.33	2320		
		6	6.73	6.67	6.81	2170		
		7	7.35	7.28	7.42	2160		
		8	8.57	8.52	8.66	2540		
	2	1	6.23	6.17	6.31	3820	2800	
		2	6.56	6.50	6.64	3230		
		3	7.17	7.11	7.25	3040		
		4	7.35	7.28	7.42	2630		
		5	7.45	7.39	7.53	2270		
		6	7.97	7.90	8.04	2520		
		7	9.24	9.18	9.32	2910		
		8	9.95	9.89	10.03	2340		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-14-VS-S (0.5-1.0) MS Lab Sample ID: 460-30837-21 MS

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 09/21/2011 13:45 Date Analyzed (2): 09/21/2011 13:45

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 1016	1	1	2.35	2.27	2.41	410	4610	25.1
		2	2.67	2.59	2.73	975		
		3	2.85	2.78	2.92	1650		
		4	3.13	3.05	3.19	2580		
		5	3.27	3.19	3.33	1890		
		6	3.47	3.39	3.53	4340		
		7	3.70	3.62	3.76	6130		
		8	3.81	3.73	3.87	18900		
	2	1	2.92	2.83	2.97	492	3580	
		2	3.37	3.28	3.42	1050		
		3	3.62	3.55	3.69	1950		
		4	3.90	3.81	3.95	2780		
		5	4.04	3.97	4.11	2450		
		6	4.34	4.26	4.40	4820		
		7	4.62	4.54	4.68	6830		
		8	4.78	4.70	4.84	8270		
Aroclor 1260	1	1	5.10	5.03	5.17	3300	2590	4.2
		2	5.45	5.38	5.52	2730		
		3	5.80	5.74	5.88	2570		
		4	5.93	5.86	6.00	2510		
		5	6.25	6.19	6.33	2860		
		6	6.73	6.67	6.81	2360		
		7	7.35	7.28	7.42	2070		
		8	8.57	8.52	8.66	2310		
	2	1	6.25	6.17	6.31	2880	2480	
		2	6.58	6.50	6.64	2830		
		3	7.18	7.11	7.25	2780		
		4	7.36	7.28	7.42	2460		
		5	7.47	7.39	7.53	2190		
		6	7.98	7.90	8.04	2440		
		7	9.25	9.18	9.32	2110		
		8	9.96	9.89	10.03	2170		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-14-VS-S (0.5-1.0) MSD Lab Sample ID: 460-30837-21 MSD

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 09/21/2011 14:01 Date Analyzed (2): 09/21/2011 14:01

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 1016	1	1	2.35	2.27	2.41	399	3040	25.2
		2	2.67	2.59	2.73	861		
		3	2.85	2.78	2.92	1260		
		4	3.13	3.05	3.19	2430		
		5	3.27	3.19	3.33	1750		
		6	3.46	3.39	3.53	4660		
		7	3.69	3.62	3.76	5880		
		8	3.80	3.73	3.87	7060		
	2	1	2.91	2.83	2.97	308	3920	
		2	3.35	3.28	3.42	977		
		3	3.61	3.55	3.69	1620		
		4	3.89	3.81	3.95	2660		
		5	4.03	3.97	4.11	2210		
		6	4.33	4.26	4.40	4500		
		7	4.61	4.54	4.68	11200		
		8	4.76	4.70	4.84	7840		
Aroclor 1260	1	1	5.09	5.03	5.17	3060	2330	1.3
		2	5.44	5.38	5.52	2590		
		3	5.79	5.74	5.88	2320		
		4	5.93	5.86	6.00	2280		
		5	6.25	6.19	6.33	2350		
		6	6.72	6.67	6.81	2050		
		7	7.35	7.28	7.42	1780		
		8	8.57	8.52	8.66	2240		
	2	1	6.23	6.17	6.31	2780	2370	
		2	6.56	6.50	6.64	2650		
		3	7.17	7.11	7.25	2620		
		4	7.35	7.28	7.42	2280		
		5	7.45	7.39	7.53	1910		
		6	7.97	7.90	8.04	2200		
		7	9.24	9.18	9.32	2390		
		8	9.95	9.89	10.03	2090		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-8-VS-S (0.5-1.0) Lab Sample ID: 460-30837-24

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 09/21/2011 14:51 Date Analyzed (2): 09/21/2011 14:51

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 1248	1	1	2.66	2.59	2.73	32300	23000	9.3
		3	3.27	3.19	3.33	22300		
		4	3.46	3.39	3.53	12600		
		5	3.69	3.62	3.76	14900		
		6	3.80	3.73	3.87	33900		
		7	3.94	3.86	4.00	15500		
		8	4.42	4.34	4.48	28900		
	2	1	3.35	3.25	3.39	33200	21000	
		2	3.88	3.79	3.93	33000		
		3	4.04	3.94	4.08	23300		
		4	4.33	4.24	4.38	16600		
		5	4.61	4.52	4.66	14700		
		6	4.77	4.68	4.82	16800		
		7	5.14	5.05	5.19	15600		
		8	5.46	5.38	5.52	13900		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-8-VD-S (2.5-3.0) Lab Sample ID: 460-30837-25

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 09/16/2011 17:11 Date Analyzed (2): 09/16/2011 17:11

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 1248	1	1	2.66	2.59	2.73	477	260	25.6
		2	3.12	3.04	3.18	325		
		3	3.27	3.19	3.33	351		
		4	3.47	3.39	3.53	272		
		5	3.70	3.62	3.76	128		
		6	3.80	3.73	3.87	262		
		7	3.93	3.86	4.00	107		
		8	4.43	4.34	4.48	163		
	2	1	3.35	3.25	3.39	437	200	
		2	3.89	3.79	3.93	273		
		3	4.03	3.94	4.08	245		
		4	4.33	4.24	4.38	164		
		5	4.61	4.52	4.66	157		
		6	4.77	4.68	4.82	132		
		7	5.15	5.05	5.19	123		
		8	5.47	5.38	5.52	81.9		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-8-WT-S (7.0-7.5) Lab Sample ID: 460-30837-26

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 09/16/2011 17:28 Date Analyzed (2): 09/16/2011 17:28

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 1248	1	1	2.66	2.59	2.73	193	110	11.1
		2	3.12	3.04	3.18	135		
		3	3.27	3.19	3.33	120		
		4	3.47	3.39	3.53	131		
		5	3.70	3.62	3.76	66.6		
		6	3.81	3.73	3.87	137		
		7	3.94	3.86	4.00	40.2		
		8	4.43	4.34	4.48	85.6		
	2	1	3.35	3.25	3.39	161	100	
		2	3.89	3.79	3.93	135		
		3	4.03	3.94	4.08	53.9		
		4	4.33	4.24	4.38	112		
		5	4.61	4.52	4.66	91.1		
		6	4.77	4.68	4.82	90.3		
		7	5.14	5.05	5.19	105		
		8	5.47	5.38	5.52	65.9		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-4-VS-S (0.5-1.0) Lab Sample ID: 460-30837-27

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 09/21/2011 15:26 Date Analyzed (2): 09/21/2011 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	1	2.67	2.59	2.73	132000	210000	18.7
		2	3.14	3.04	3.18	274000		
		3	3.27	3.19	3.33	131000		
		4	3.47	3.39	3.53	281000		
		5	3.70	3.62	3.76	160000		
		7	3.94	3.86	4.00	196000		
		8	4.43	4.34	4.48	328000		
	2	1	3.36	3.25	3.39	125000	180000	
		2	3.89	3.79	3.93	233000		
		3	4.02	3.94	4.08	123000		
		4	4.33	4.24	4.38	174000		
		5	4.61	4.52	4.66	175000		
		6	4.77	4.68	4.82	221000		
		7	5.15	5.05	5.19	187000		
		8	5.47	5.38	5.52	186000		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-4-VD-S (2.5-3.0) Lab Sample ID: 460-30837-28

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 09/16/2011 18:01 Date Analyzed (2): 09/16/2011 18:01

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 1248	1	1	2.66	2.59	2.73	836	890	10.0
		2	3.11	3.04	3.18	1640		
		3	3.26	3.19	3.33	564		
		5	3.68	3.62	3.76	728		
		6	3.80	3.73	3.87	875		
		7	3.96	3.86	4.00	620		
		8	4.40	4.34	4.48	987		
	2	1	3.35	3.25	3.39	694	990	
		2	3.88	3.79	3.93	1660		
		3	4.02	3.94	4.08	885		
		4	4.32	4.24	4.38	927		
		5	4.60	4.52	4.66	843		
		6	4.75	4.68	4.82	1110		
		7	5.13	5.05	5.19	915		
		8	5.43	5.38	5.52	850		
Aroclor 1260	1	1	5.08	5.03	5.17	142	150	27.8
		2	5.43	5.38	5.52	186		
		3	5.78	5.73	5.87	145		
		4	5.92	5.86	6.00	131		
		5	6.26	6.18	6.32	152		
		6	6.71	6.66	6.80	152		
		8	8.54	8.51	8.65	174		
	2	1	6.23	6.17	6.31	212	200	
		2	6.56	6.50	6.64	154		
		3	7.16	7.10	7.24	209		
		4	7.34	7.28	7.42	160		
		5	7.45	7.38	7.52	116		
		6	7.96	7.90	8.04	189		
		7	9.23	9.18	9.32	428		
		8	9.95	9.89	10.03	169		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-85730/2-A

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 09/13/2011 01:52 Date Analyzed (2): 09/13/2011 01:52

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	2.34	2.27	2.41	3.63	4.07	9.8
		2	2.66	2.59	2.73	3.73		
		3	2.85	2.78	2.92	4.24		
		4	3.12	3.05	3.19	3.28		
		5	3.27	3.19	3.33	4.23		
		6	3.46	3.39	3.53	4.10		
		7	3.69	3.62	3.76	4.55		
		8	3.80	3.73	3.87	4.83		
	2	1	2.90	2.83	2.97	4.15	4.49	
		2	3.35	3.28	3.42	4.07		
		3	3.62	3.54	3.68	5.55		
		4	3.89	3.81	3.95	3.18		
		5	4.04	3.97	4.11	4.43		
		6	4.33	4.26	4.40	4.78		
		7	4.61	4.54	4.68	4.66		
		8	4.77	4.70	4.84	5.09		
Aroclor 1260	1	1	5.10	5.03	5.17	4.56	4.79	17.1
		2	5.45	5.38	5.52	4.14		
		3	5.81	5.73	5.87	3.97		
		4	5.93	5.86	6.00	5.17		
		5	6.26	6.18	6.32	4.98		
		6	6.73	6.66	6.80	4.93		
		7	7.35	7.28	7.42	6.23		
		8	8.58	8.51	8.65	4.37		
	2	1	6.25	6.17	6.31	4.30	4.04	
		2	6.58	6.50	6.64	3.96		
		3	7.18	7.10	7.24	3.66		
		4	7.36	7.28	7.42	4.31		
		5	7.46	7.38	7.52	4.79		
		6	7.98	7.90	8.04	3.81		
		7	9.26	9.18	9.32	3.67		
		8	9.97	9.89	10.03	3.83		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-85730/3-A

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 09/13/2011 02:08 Date Analyzed (2): 09/13/2011 02:08

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 1016	1	1	2.34	2.27	2.41	3.62	4.03	16.0
		2	2.66	2.59	2.73	3.83		
		3	2.85	2.78	2.92	4.17		
		4	3.12	3.05	3.19	3.30		
		5	3.26	3.19	3.33	3.63		
		6	3.46	3.39	3.53	5.16		
		7	3.69	3.62	3.76	4.76		
		8	3.79	3.73	3.87	3.77		
	2	1	2.90	2.83	2.97	4.97	4.73	
		2	3.34	3.28	3.42	4.17		
		3	3.61	3.54	3.68	5.73		
		4	3.88	3.81	3.95	3.25		
		5	4.04	3.97	4.11	4.49		
		6	4.33	4.26	4.40	4.81		
		7	4.61	4.54	4.68	5.15		
		8	4.77	4.70	4.84	5.31		
Aroclor 1260	1	1	5.10	5.03	5.17	4.36	4.51	2.8
		2	5.45	5.38	5.52	4.10		
		3	5.81	5.73	5.87	3.91		
		4	5.93	5.86	6.00	5.46		
		5	6.25	6.18	6.32	4.48		
		6	6.73	6.66	6.80	4.32		
		7	7.35	7.28	7.42	4.68		
		8	8.58	8.51	8.65	4.79		
	2	1	6.24	6.17	6.31	4.65	4.39	
		2	6.57	6.50	6.64	4.30		
		3	7.18	7.10	7.24	3.99		
		4	7.35	7.28	7.42	4.73		
		5	7.45	7.38	7.52	5.34		
		6	7.97	7.90	8.04	4.30		
		7	9.26	9.18	9.32	3.64		
		8	9.96	9.89	10.03	4.14		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-85952/2-A

Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9

Date Analyzed (1): 09/15/2011 10:37 Date Analyzed (2): 09/15/2011 10:37

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 1016	1	1	2.10	2.04	2.18	418	456	0.4
		2	2.54	2.47	2.61	441		
		3	2.79	2.72	2.86	481		
		4	3.15	3.08	3.22	432		
		5	3.35	3.28	3.42	452		
		6	3.45	3.38	3.52	466		
		7	4.06	3.99	4.13	465		
		8	4.21	4.14	4.28	492		
	2	1	2.97	2.90	3.04	482	458	
		2	3.65	3.59	3.73	473		
		3	4.10	4.03	4.17	457		
		4	4.50	4.43	4.57	451		
		5	4.74	4.68	4.82	445		
		6	5.18	5.11	5.25	447		
		7	5.57	5.50	5.64	430		
		8	5.77	5.71	5.85	476		
Aroclor 1260	1	1	6.09	6.02	6.16	435	425	2.7
		2	6.54	6.47	6.61	424		
		3	6.98	6.91	7.05	417		
		4	7.18	7.11	7.25	429		
		5	7.62	7.55	7.69	406		
		6	8.92	8.85	8.99	410		
		7	9.02	8.94	9.08	441		
		8	9.13	9.06	9.20	437		
	2	1	7.48	7.41	7.55	447	414	
		2	7.79	7.72	7.86	432		
		3	8.26	8.19	8.33	433		
		4	9.37	9.31	9.45	403		
		5	9.49	9.43	9.57	390		
		6	9.94	9.87	10.01	420		
		7	10.30	10.23	10.37	383		
		8	11.12	11.04	11.18	400		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-85953/2-A

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 09/16/2011 15:16 Date Analyzed (2): 09/16/2011 15:16

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 1016	1	1	2.34	2.27	2.41	329	340	10.8
		2	2.66	2.59	2.73	348		
		3	2.85	2.78	2.92	374		
		4	3.12	3.04	3.18	294		
		5	3.26	3.19	3.33	325		
		6	3.46	3.39	3.53	329		
		7	3.69	3.62	3.76	366		
		8	3.80	3.73	3.87	357		
	2	1	2.90	2.83	2.97	358	379	
		2	3.35	3.27	3.41	363		
		3	3.62	3.54	3.68	384		
		4	3.88	3.80	3.94	330		
		5	4.04	3.96	4.10	384		
		6	4.33	4.25	4.39	421		
		7	4.61	4.53	4.67	397		
		8	4.77	4.69	4.83	395		
Aroclor 1260	1	1	5.10	5.03	5.17	358	358	5.9
		2	5.46	5.38	5.52	348		
		3	5.81	5.73	5.87	320		
		4	5.93	5.86	6.00	402		
		5	6.26	6.18	6.32	320		
		6	6.74	6.66	6.80	363		
		7	7.35	7.28	7.42	450		
		8	8.59	8.51	8.65	302		
	2	1	6.24	6.17	6.31	355	337	
		2	6.57	6.50	6.64	347		
		3	7.18	7.10	7.24	330		
		4	7.35	7.28	7.42	353		
		5	7.46	7.38	7.52	347		
		6	7.97	7.90	8.04	333		
		7	9.25	9.18	9.32	328		
		8	9.96	9.89	10.03	308		

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-2-VD-S (3.5-4.0) Lab Sample ID: 460-30837-1

Matrix: Solid Lab File ID: vf464518.d

Analysis Method: 8082 Date Collected: 09/08/2011 16:15

Extraction Method: 3541 Date Extracted: 09/14/2011 04:57

Sample wt/vol: 15.03(g) Date Analyzed: 09/15/2011 11:24

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.: 86732 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	115		30-150

Data File: vf464518.d
Report Date: 18-Sep-2011 17:01

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Sep11/09-15-11/15sep11c.b/vf464518.d
Lab Smp Id: 460-30837-F-1-D Client Smp ID: PMP-2-VD-S (3.5-4.0
Inj Date : 15-SEP-2011 11:24
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-30837-F-1-D
Misc Info : 460-30837-F-1-D
Comment   :
Method   : /chem1/PESTGC9.i/8082/front/Sep11/09-15-11/15sep11c.b/08Vf8082.m
Meth Date : 14-Sep-2011 15:38 sita Quant Type: ESTD
Cal Date : 19-AUG-2011 15:08 Cal File: vf463562.d
Als bottle: 28
Dil Factor: 1.00000
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	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	6.14203	% Moisture

Cpnd Variable Local Compound Variable

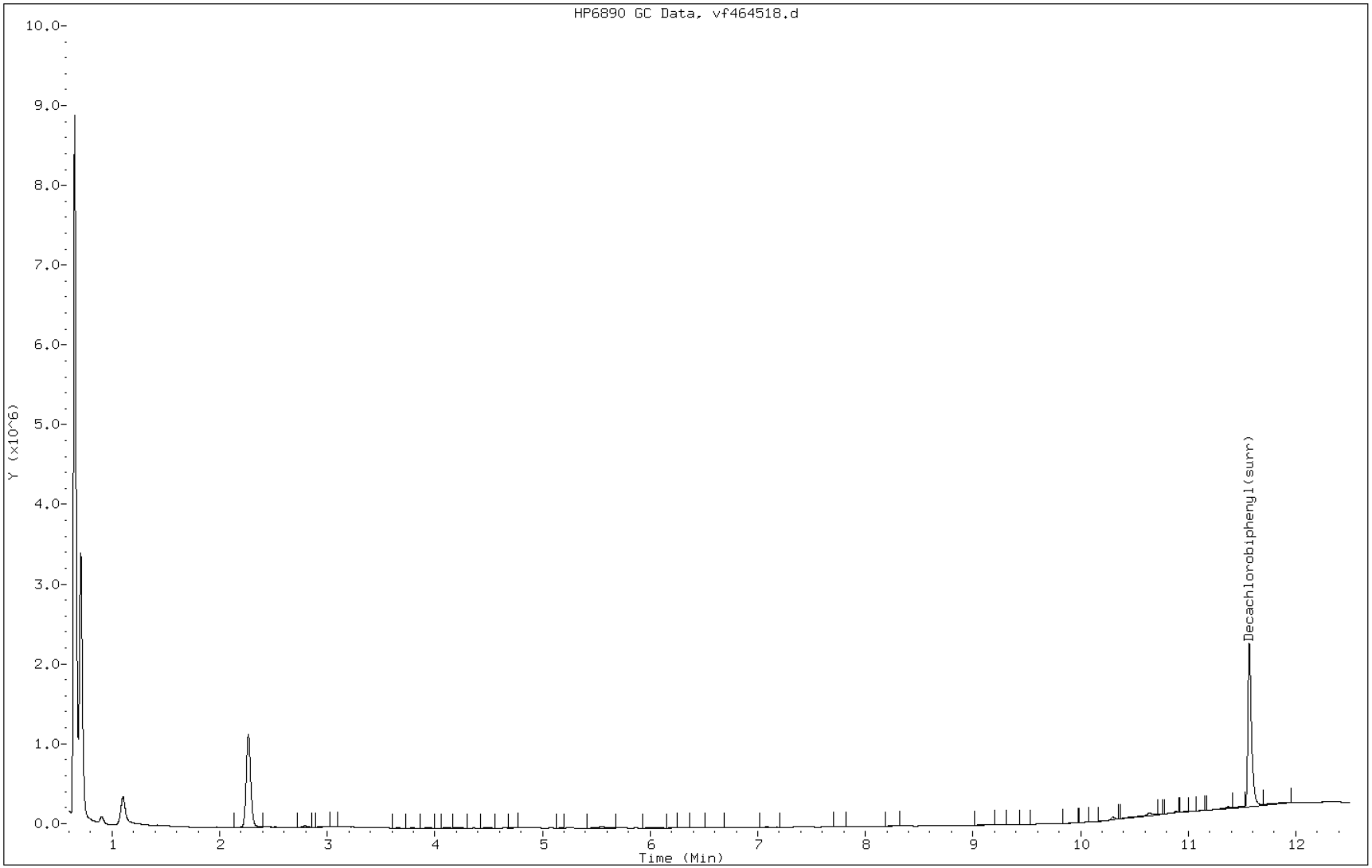
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.568	11.552	0.016	4737054	57.3439	41	80.00- 120.00	100.00

Data File: vf464518.d

Date: 15-SEP-2011 11:24

Client ID: PMP-2-VD-S (3.5-4.0 Instrument: PESTGC9.i

Sample Info: 460-30837-F-1-D Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-2-VD-S (3.5-4.0) Lab Sample ID: 460-30837-1

Matrix: Solid Lab File ID: vr464518.d

Analysis Method: 8082 Date Collected: 09/08/2011 16:15

Extraction Method: 3541 Date Extracted: 09/14/2011 04:57

Sample wt/vol: 15.03(g) Date Analyzed: 09/15/2011 11:24

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.: 86732 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	71	U	71	14
11104-28-2	Aroclor 1221	71	U	71	21
11141-16-5	Aroclor 1232	71	U	71	40
53469-21-9	Aroclor 1242	71	U	71	14
12672-29-6	Aroclor 1248	71	U	71	19
11097-69-1	Aroclor 1254	71	U	71	24
11096-82-5	Aroclor 1260	71	U	71	8.0
37324-23-5	Aroclor 1262	71	U	71	12
11100-14-4	Aroclor 1268	71	U	71	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	117		30-150

Data File: vr464518.d
Report Date: 20-Sep-2011 23:37

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Sep11/09-15-11/15sep11c.b/vr464518.d
Lab Smp Id: 460-30837-F-1-D Client Smp ID: PMP-2-VD-S (3.5-4.0
Inj Date : 15-SEP-2011 11:24
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-30837-F-1-D
Misc Info : 460-30837-F-1-D
Comment   :
Method   : /chem1/PESTGC9.i/8082/rear/Sep11/09-15-11/15sep11c.b/08Vr8082.m
Meth Date : 17-Sep-2011 00:35 diazc Quant Type: ESTD
Cal Date : 30-AUG-2011 18:17 Cal File: vr463935.d
Als bottle: 28
Dil Factor: 1.00000
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	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	6.14203	% Moisture

Cpnd Variable Local Compound Variable

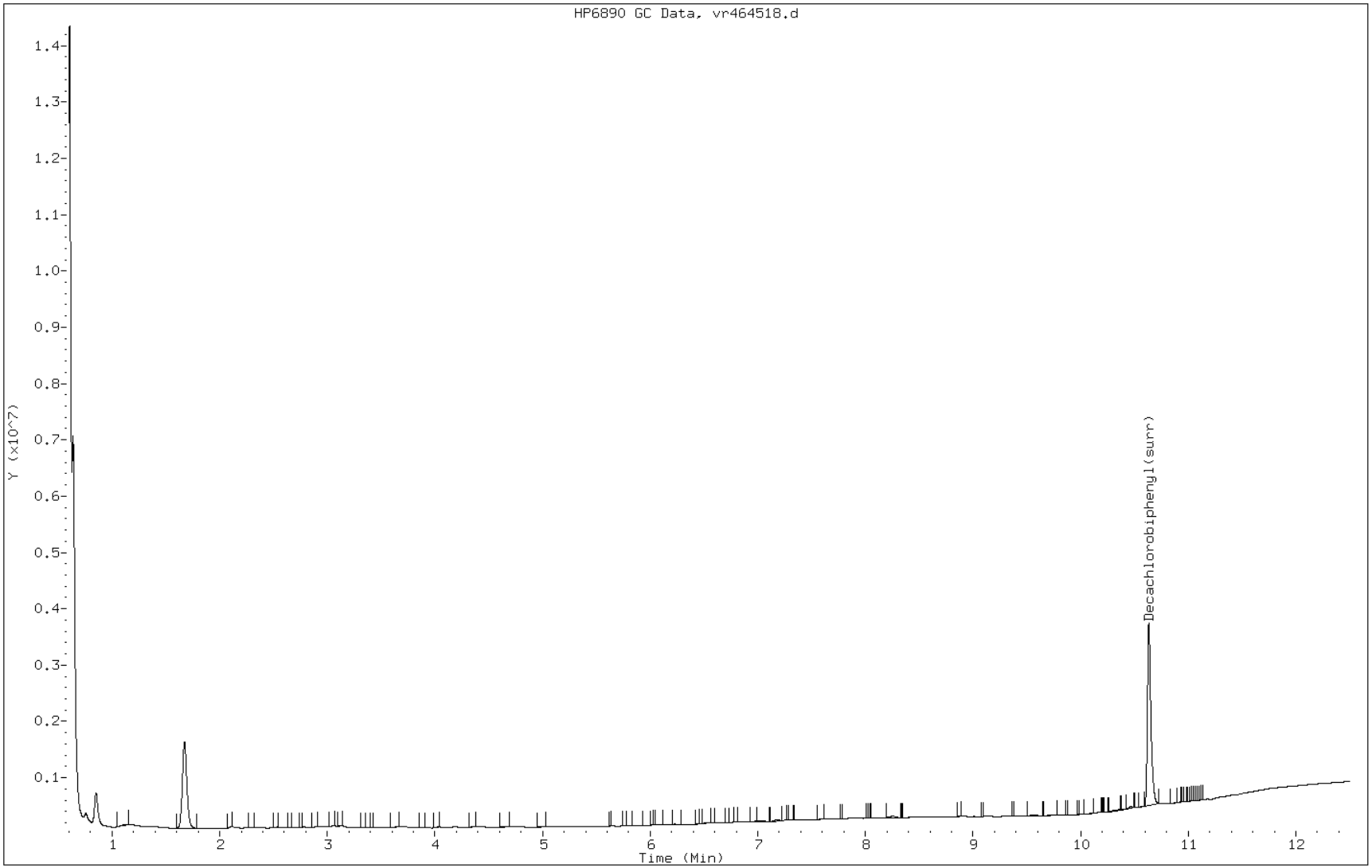
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.633	10.634	-0.001	7204747	58.5985	42	80.00- 120.00	100.00

Data File: vr464518.d

Date: 15-SEP-2011 11:24

Client ID: PMP-2-VD-S (3.5-4.0 Instrument: PESTGC9.i

Sample Info: 460-30837-F-1-D Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-2-WT-S (8.0-8.5) Lab Sample ID: 460-30837-2

Matrix: Solid Lab File ID: vf464685.d

Analysis Method: 8082 Date Collected: 09/08/2011 16:20

Extraction Method: 3541 Date Extracted: 09/14/2011 04:57

Sample wt/vol: 15.00(g) Date Analyzed: 09/20/2011 02:52

Con. Extract Vol.: 10(mL) Dilution Factor: 100

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 12.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86731 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	30-150

Data File: vf464685.d
Report Date: 20-Sep-2011 23:25

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Sep11/09-19-11/19sep11a.b/vf464685.d
Lab Smp Id: 460-30837-F-2-B Client Smp ID: PMP-2-WT-S (8.0-8.5
Inj Date : 20-SEP-2011 02:52
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-30837-F-2-B
Misc Info : 460-30837-F-2-B
Comment   :
Method   : /chem1/PESTGC9.i/8082/front/Sep11/09-19-11/19sep11a.b/08Vf8082.m
Meth Date : 16-Sep-2011 11:23 catalina Quant Type: ESTD
Cal Date : 19-AUG-2011 15:08 Cal File: vf463562.d
Als bottle: 5
Dil Factor: 100.00000
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	100.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	12.45614	% 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		
2.989	2.971	0.018	4777644	2333.33	180000	80.00- 120.00	100.00(M)
3.681	3.660	0.021	9409194	2347.61	180000	135.90- 203.85	196.94
4.090	4.104	-0.014	2178524	1305.87	99000	82.04- 123.06	45.60
4.521	4.503	0.018	0			292.08- 438.12	0.00
4.764	4.749	0.015	0			100.60- 150.90	0.00
4.944	4.930	0.014	0			78.17- 117.25	0.00
5.793	5.783	0.010	6930050	2457.84	190000	74.37- 111.56	145.05
6.307	6.301	0.006	8305098	2196.03	170000	1143.13-1714.69	201.81
Average of Peak Concentrations =					160000		

Data File: vf464685.d
Report Date: 20-Sep-2011 23:25

QC Flag Legend

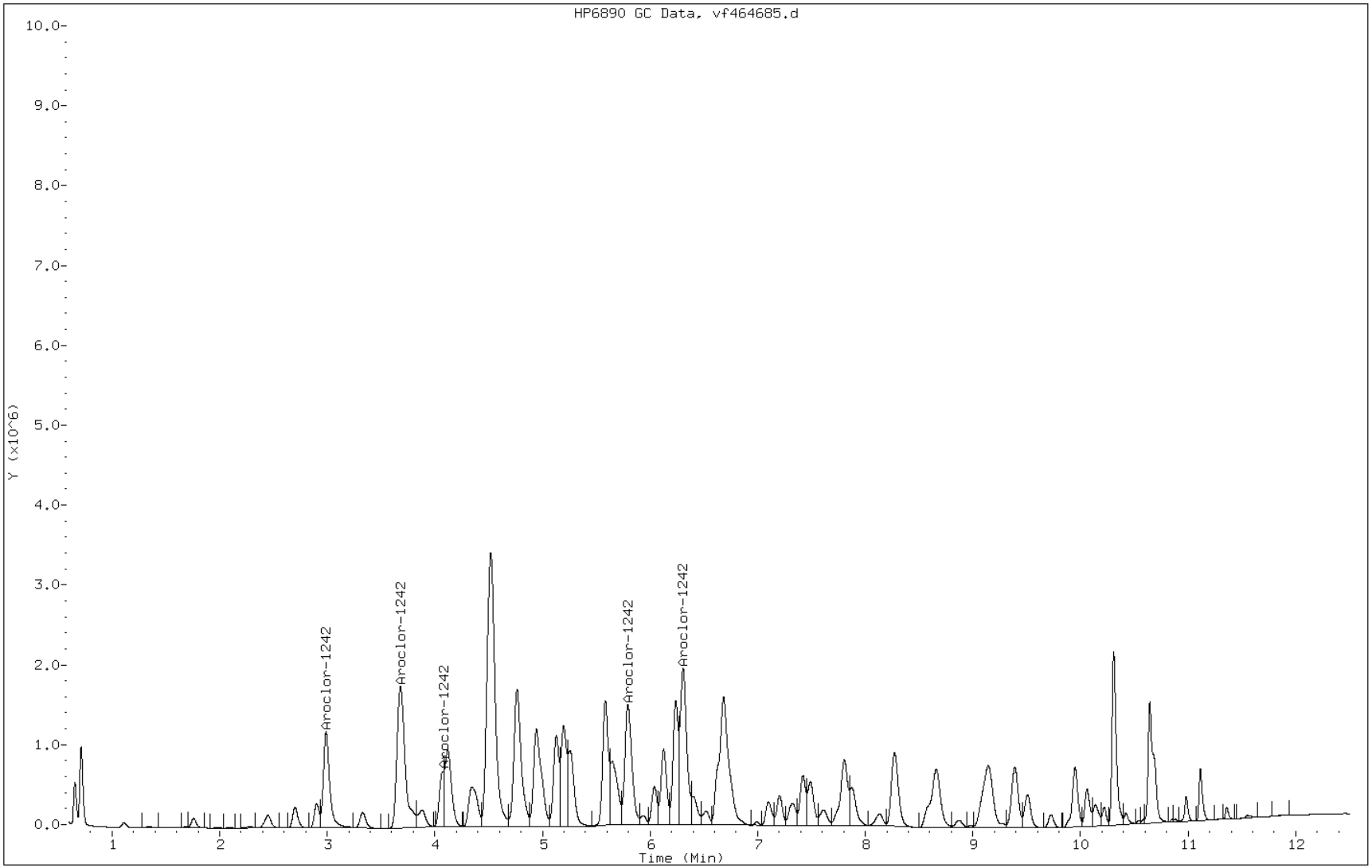
M - Compound response manually integrated.

Data File: vf464685.d

Date: 20-SEP-2011 02:52

Client ID: PMP-2-WT-S (8.0-8.5 Instrument: PESTGC9.i

Sample Info: 460-30837-F-2-B Operator: 615



Manual Integration Report

Data File: vf464685.d
Inj. Date and Time: 20-SEP-2011 02:52
Instrument ID: PESTGC9.i
Client ID: PMP-2-WT-S (8.0-8.5
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 09/20/2011

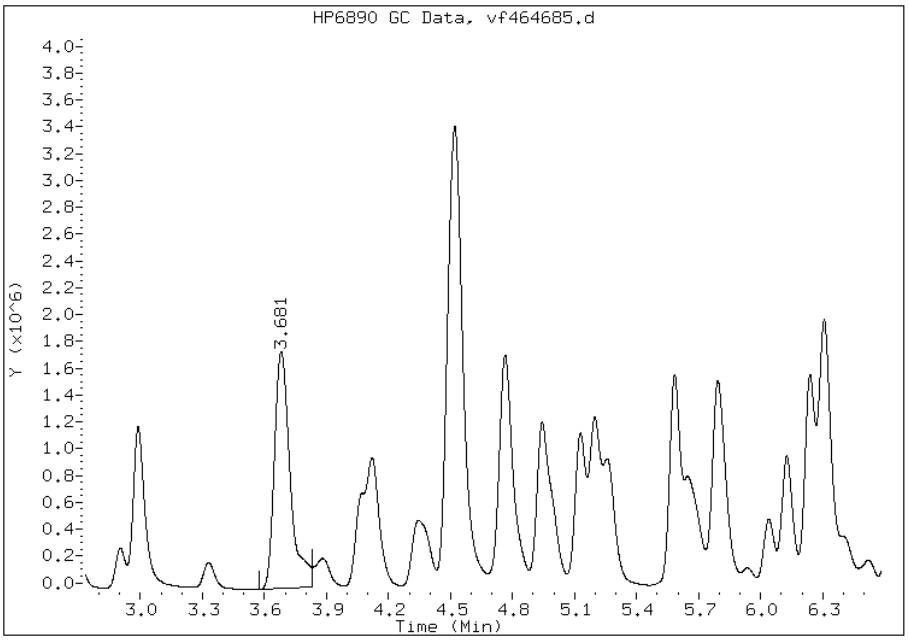
Processing Integration Results

RT: 3.68

Response: 9447105

Amount: 2384.68

Conc: 180000.00



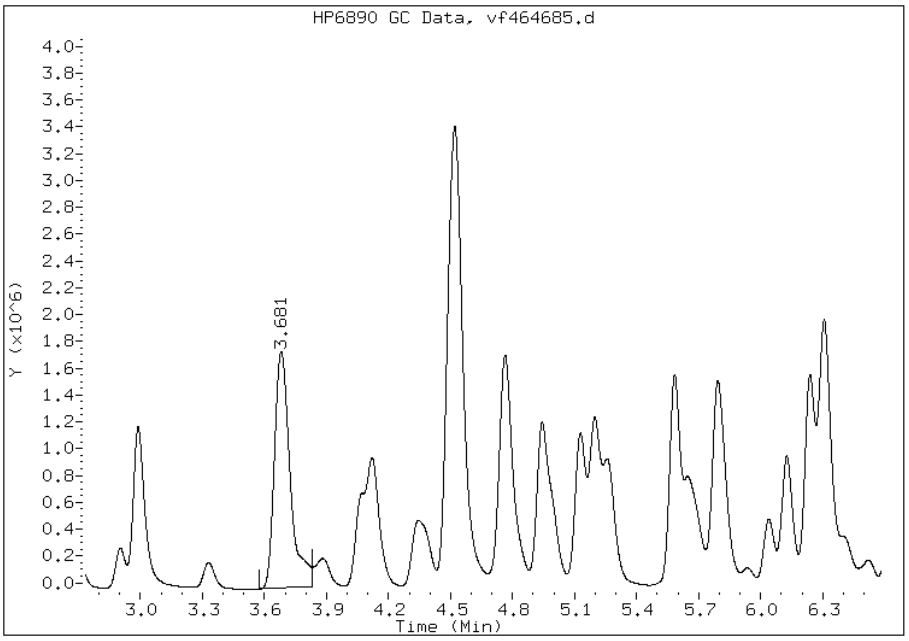
Manual Integration Results

RT: 3.68

Response: 9409194

Amount: 2128.13

Conc: 160000.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-2-WT-S (8.0-8.5) | Lab Sample ID: 460-30837-2

Matrix: Solid | Lab File ID: vr464685.d

Analysis Method: 8082 | Date Collected: 09/08/2011 16:20

Extraction Method: 3541 | Date Extracted: 09/14/2011 04:57

Sample wt/vol: 15.00(g) | Date Analyzed: 09/20/2011 02:52

Con. Extract Vol.: 10(mL) | Dilution Factor: 100

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 12.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86731 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	7700	U	7700	1500
11104-28-2	Aroclor 1221	7700	U	7700	2300
11141-16-5	Aroclor 1232	7700	U	7700	4300
53469-21-9	Aroclor 1242	160000		7700	1500
12672-29-6	Aroclor 1248	7700	U	7700	2000
11097-69-1	Aroclor 1254	7700	U	7700	2600
11096-82-5	Aroclor 1260	7700	U	7700	850
37324-23-5	Aroclor 1262	7700	U	7700	1300
11100-14-4	Aroclor 1268	7700	U	7700	1300

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Sep11/09-19-11/19sep11a.b/vr464685.d
Lab Smp Id: 460-30837-F-2-B Client Smp ID: PMP-2-WT-S (8.0-8.5
Inj Date : 20-SEP-2011 02:52
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-30837-F-2-B
Misc Info : 460-30837-F-2-B
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Sep11/09-19-11/19sep11a.b/08Vr8082.m
Meth Date : 20-Sep-2011 22:49 diazc Quant Type: ESTD
Cal Date : 30-AUG-2011 18:17 Cal File: vr463935.d
Als bottle: 5
Dil Factor: 100.00000
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	100.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	12.45614	% 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		
2.106	2.106	0.000	7935833	2280.69	170000	80.00- 120.00	100.00(M)
2.547	2.546	0.001	12992883	2375.12	180000	145.11- 217.66	163.72
2.796	2.796	0.000	0			106.10- 159.15	0.00
3.150	3.152	-0.002	28370077	2343.95	180000	309.42- 464.12	357.49
3.353	3.355	-0.002	11439678	2425.04	180000	127.34- 191.02	144.15
3.707	3.705	0.002	11468100	1564.05	120000	213.59- 320.38	144.51
4.065	4.063	0.002	11553877	2430.16	180000	127.12- 190.68	145.59
5.147	5.151	-0.004	8085025	1713.00	130000	92.69- 139.03	101.88
			Average of Peak Concentrations =		160000		

QC Flag Legend

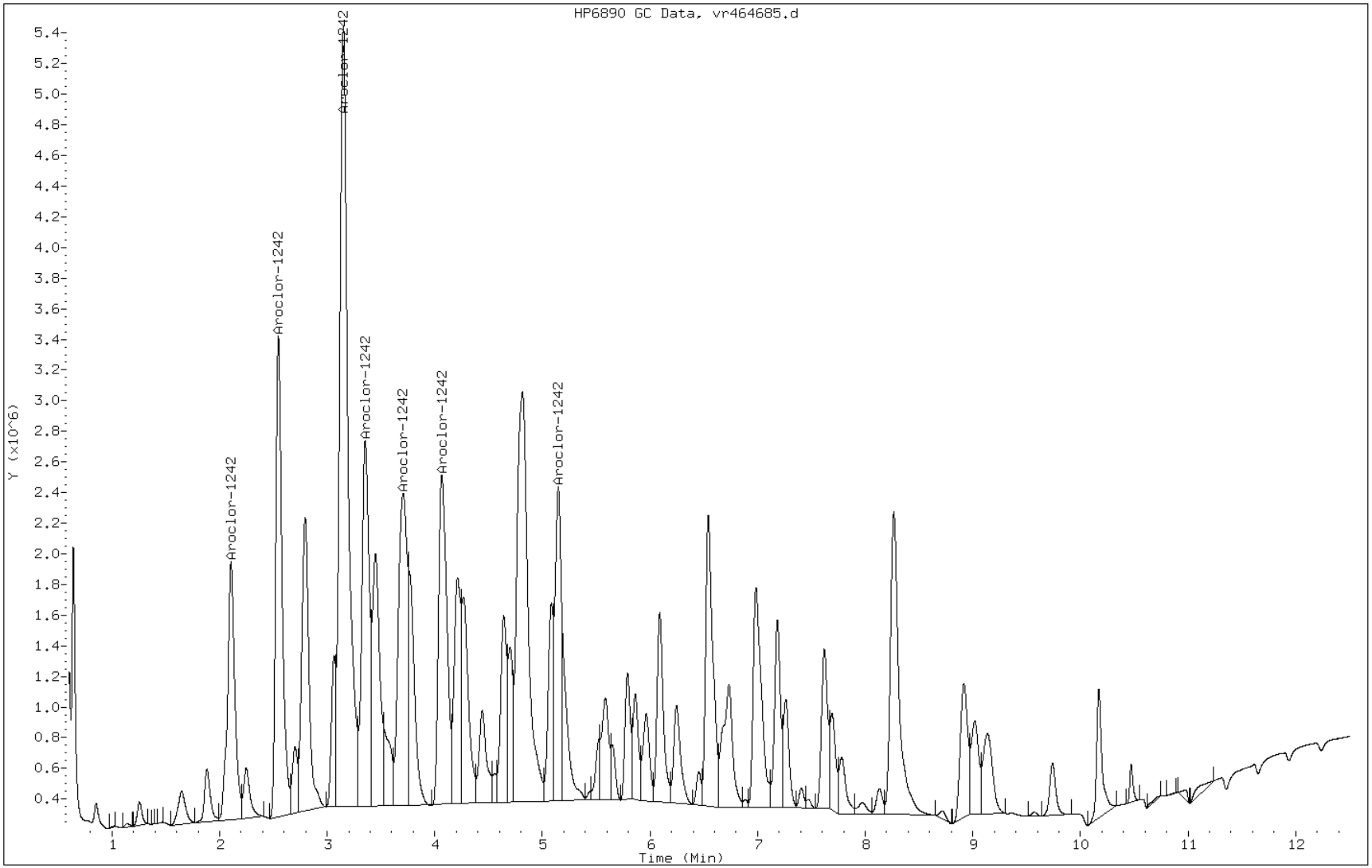
M - Compound response manually integrated.

Data File: vr464685.d

Date: 20-SEP-2011 02:52

Client ID: PMP-2-WT-S (8.0-8.5 Instrument: PESTGC9.i

Sample Info: 460-30837-F-2-B Operator: 615



Manual Integration Report

Data File: vr464685.d
Inj. Date and Time: 20-SEP-2011 02:52
Instrument ID: PESTGC9.i
Client ID: PMP-2-WT-S (8.0-8.5
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 09/20/2011

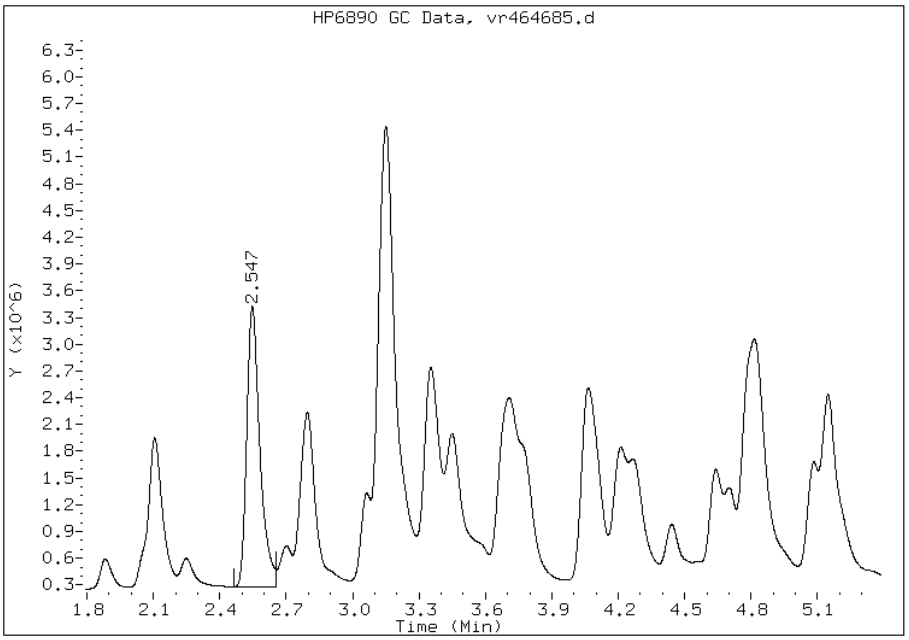
Processing Integration Results

RT: 2.55

Response: 13082813

Amount: 2573.94

Conc: 200000.00



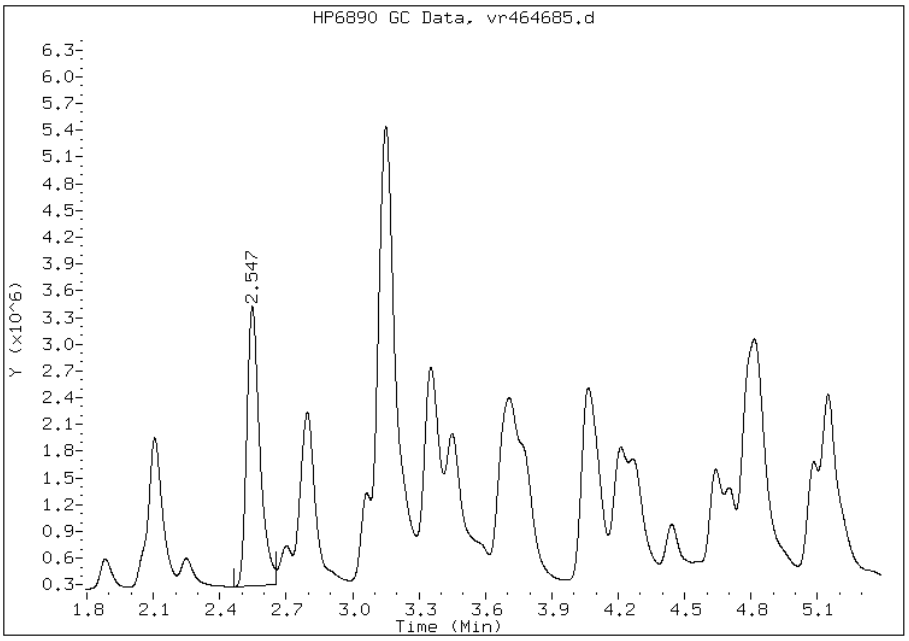
Manual Integration Results

RT: 2.55

Response: 12992883

Amount: 2161.72

Conc: 160000.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-2-SI-S (10.5-11.0) Lab Sample ID: 460-30837-3

Matrix: Solid Lab File ID: vf464686.d

Analysis Method: 8082 Date Collected: 09/08/2011 16:25

Extraction Method: 3541 Date Extracted: 09/14/2011 04:57

Sample wt/vol: 15.00(g) Date Analyzed: 09/20/2011 03:08

Con. Extract Vol.: 10(mL) Dilution Factor: 100

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 15.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86731 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	170000		7900	1500

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	30-150

Data File: vf464686.d
Report Date: 20-Sep-2011 23:26

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Sep11/09-19-11/19sep11a.b/vf464686.d
Lab Smp Id: 460-30837-F-3-B Client Smp ID: PMP-2-SI-S (10.5-11
Inj Date : 20-SEP-2011 03:08
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-30837-F-3-B
Misc Info : 460-30837-F-3-B
Comment   :
Method   : /chem1/PESTGC9.i/8082/front/Sep11/09-19-11/19sep11a.b/08Vf8082.m
Meth Date : 16-Sep-2011 11:23 catalina Quant Type: ESTD
Cal Date : 19-AUG-2011 15:08 Cal File: vf463562.d
Als bottle: 6
Dil Factor: 100.00000
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	100.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	15.19231	% 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		
2.973	2.971	0.002	4440243	2168.55	170000	80.00- 120.00	100.00(M)
3.660	3.660	0.000	7833726	1954.53	150000	135.90- 203.85	176.43
4.101	4.104	-0.003	3795346	2275.03	180000	82.04- 123.06	85.48
4.501	4.503	-0.002	16217707	2267.26	180000	292.08- 438.12	365.24
4.745	4.749	-0.004	0			100.60- 150.90	0.00
4.925	4.930	-0.005	0			78.17- 117.25	0.00
5.776	5.783	-0.007	6395180	2268.14	180000	74.37- 111.56	144.03
6.291	6.301	-0.010	8784328	2322.74	180000	1143.13-1714.69	197.83
Average of Peak Concentrations =					170000		

Data File: vf464686.d
Report Date: 20-Sep-2011 23:26

QC Flag Legend

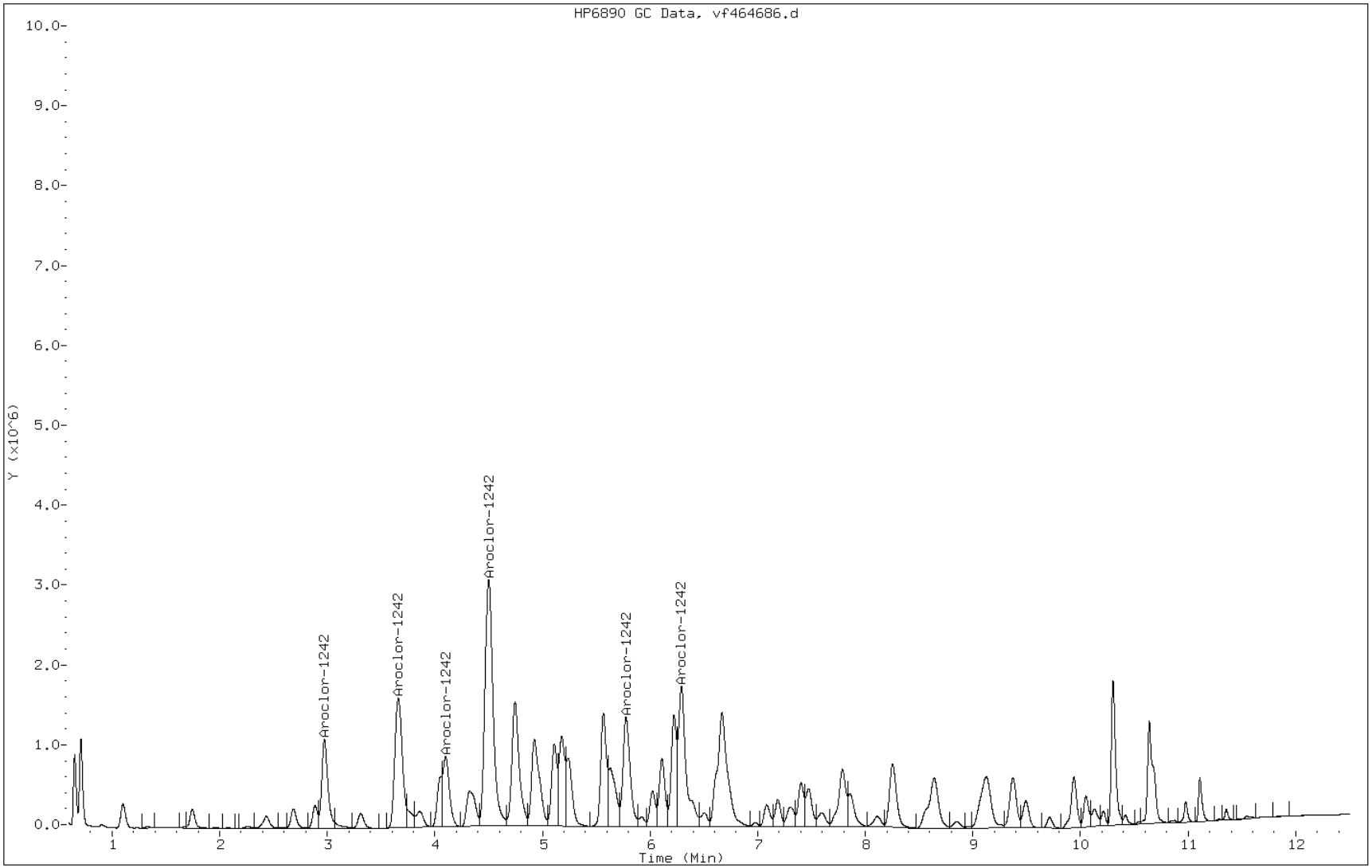
M - Compound response manually integrated.

Data File: vf464686.d

Date: 20-SEP-2011 03:08

Client ID: PMP-2-SI-S (10.5-11 Instrument: PESTGC9.i

Sample Info: 460-30837-F-3-B Operator: 615



Manual Integration Report

Data File: vf464686.d
Inj. Date and Time: 20-SEP-2011 03:08
Instrument ID: PESTGC9.i
Client ID: PMP-2-SI-S (10.5-11
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 09/20/2011

Processing Integration Results

Not Detected

Expected RT: 2.97

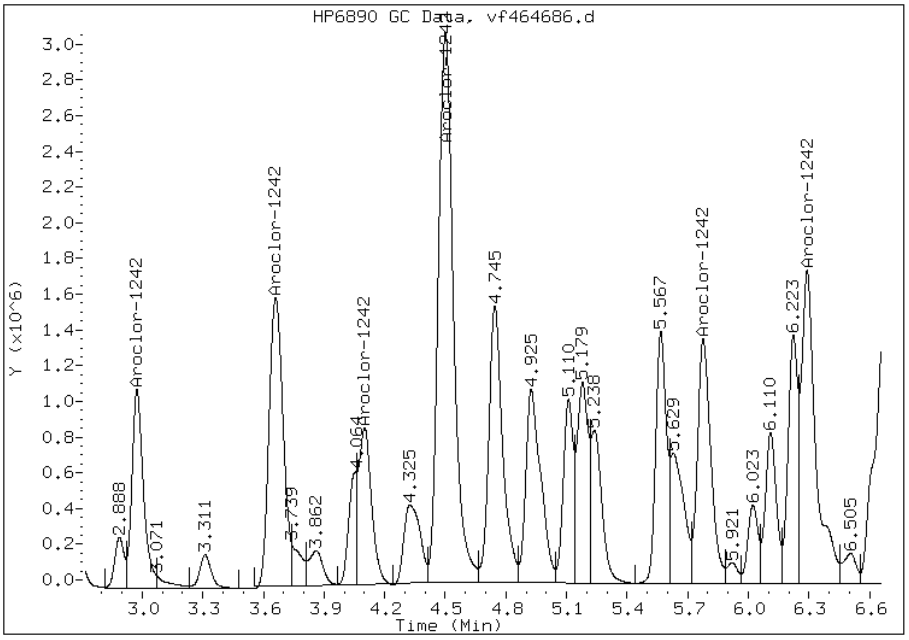
Manual Integration Results

RT: 2.97

Response: 4440243

Amount: 2209.38

Conc: 170000.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-2-SI-S (10.5-11.0) | Lab Sample ID: 460-30837-3

Matrix: Solid | Lab File ID: vr464686.d

Analysis Method: 8082 | Date Collected: 09/08/2011 16:25

Extraction Method: 3541 | Date Extracted: 09/14/2011 04:57

Sample wt/vol: 15.00(g) | Date Analyzed: 09/20/2011 03:08

Con. Extract Vol.: 10(mL) | Dilution Factor: 100

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 15.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86731 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	7900	U	7900	1500
11104-28-2	Aroclor 1221	7900	U	7900	2400
11141-16-5	Aroclor 1232	7900	U	7900	4500
12672-29-6	Aroclor 1248	7900	U	7900	2100
11097-69-1	Aroclor 1254	7900	U	7900	2700
11096-82-5	Aroclor 1260	7900	U	7900	880
37324-23-5	Aroclor 1262	7900	U	7900	1400
11100-14-4	Aroclor 1268	7900	U	7900	1400

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Sep11/09-19-11/19sep11a.b/vr464686.d
Lab Smp Id: 460-30837-F-3-B Client Smp ID: PMP-2-SI-S (10.5-11
Inj Date : 20-SEP-2011 03:08
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-30837-F-3-B
Misc Info : 460-30837-F-3-B
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Sep11/09-19-11/19sep11a.b/08Vr8082.m
Meth Date : 20-Sep-2011 22:49 diazc Quant Type: ESTD
Cal Date : 30-AUG-2011 18:17 Cal File: vr463935.d
Als bottle: 6
Dil Factor: 100.00000
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	100.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	15.19231	% 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		
2.103	2.106	-0.003	7206547	2071.10	160000	80.00- 120.00	100.00(MH)
2.544	2.546	-0.002	11927588	2180.39	170000	145.11- 217.66	165.51
2.793	2.796	-0.003	0			106.10- 159.15	0.00
3.148	3.152	-0.004	26302656	2173.14	170000	309.42- 464.12	364.98
3.351	3.355	-0.004	10867538	2303.75	180000	127.34- 191.02	150.80
3.703	3.705	-0.002	17142557	2337.95	180000	213.59- 320.38	237.87
4.060	4.063	-0.003	11182740	2352.10	180000	127.12- 190.68	155.17
5.143	5.151	-0.008	8146832	1726.09	140000	92.69- 139.03	113.05
			Average of Peak Concentrations =		170000		

QC Flag Legend

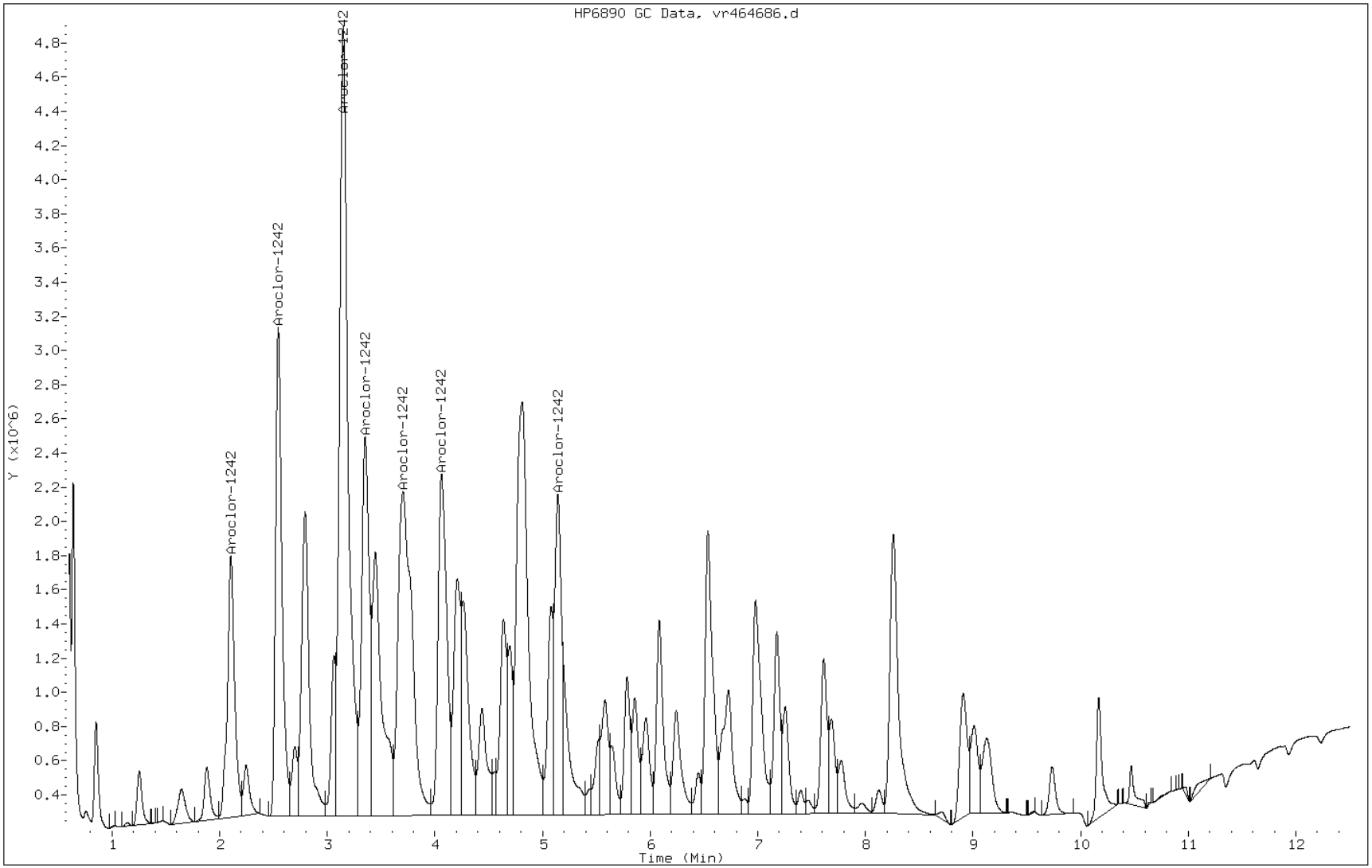
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: vr464686.d

Date: 20-SEP-2011 03:08

Client ID: PMP-2-SI-S (10.5-11 Instrument: PESTGC9.i

Sample Info: 460-30837-F-3-B Operator: 615



Manual Integration Report

Data File: vr464686.d
Inj. Date and Time: 20-SEP-2011 03:08
Instrument ID: PESTGC9.i
Client ID: PMP-2-SI-S (10.5-11
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 09/20/2011

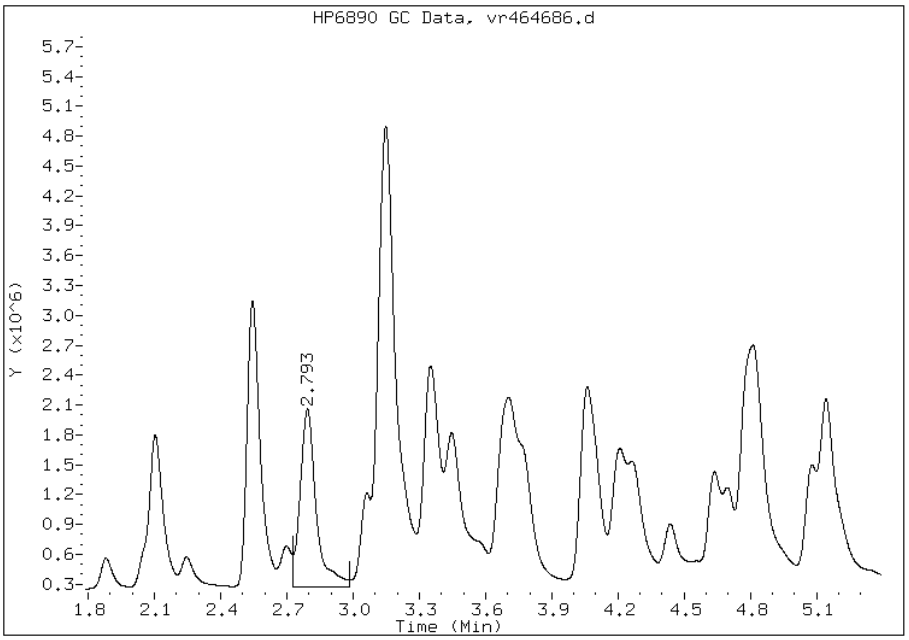
Processing Integration Results

RT: 2.79

Response: 8971781

Amount: 2326.03

Conc: 180000.00



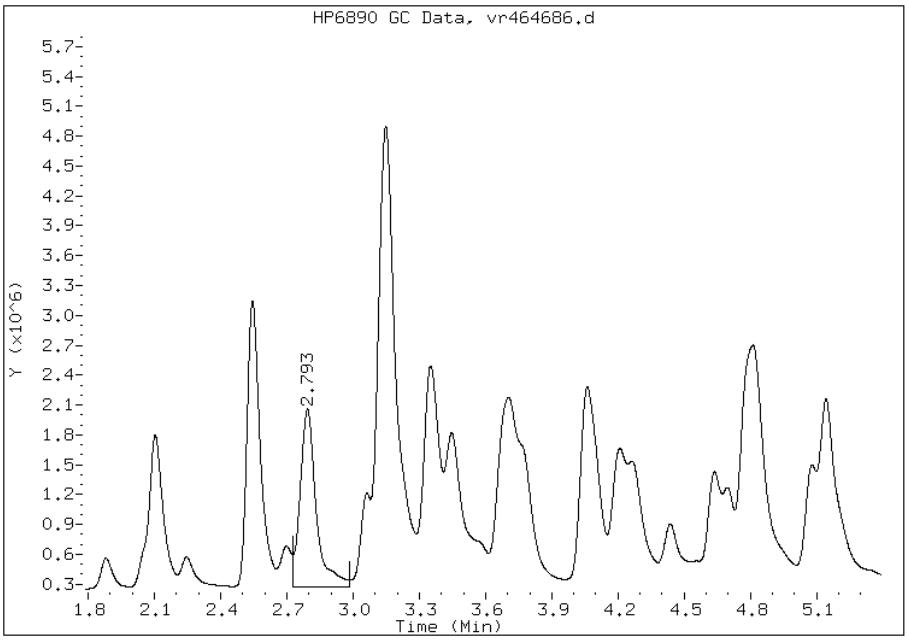
Manual Integration Results

RT: 2.79

Response: 0

Amount: 2163.50

Conc: 170000.00



Manually Integrated By: diazc
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-24-VS-S (1-3) Lab Sample ID: 460-30837-4

Matrix: Solid Lab File ID: vf464730.d

Analysis Method: 8082 Date Collected: 09/08/2011 16:40

Extraction Method: 3541 Date Extracted: 09/14/2011 04:57

Sample wt/vol: 15.00(g) Date Analyzed: 09/20/2011 23:17

Con. Extract Vol.: 10(mL) Dilution Factor: 5000

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 6.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86737 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	7100000		360000	68000

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	30-150

Data File: vf464730.d
Report Date: 21-Sep-2011 01:26

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Sep11/09-19-11/19sep11d.b/vf464730.d
Lab Smp Id: 460-30837-F-4-B Client Smp ID: PMP-24-VS-S (1-3)
Inj Date : 20-SEP-2011 23:17
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-30837-F-4-B
Misc Info : 460-30837-F-4-B
Comment   :
Method   : /chem1/PESTGC9.i/8082/front/Sep11/09-19-11/19sep11d.b/08Vf8082.m
Meth Date : 16-Sep-2011 11:23 catalina Quant Type: ESTD
Cal Date : 19-AUG-2011 15:08 Cal File: vf463562.d
Als bottle: 43
Dil Factor: 5000.00000
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	5000.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	6.73401	% 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		
2.977	2.971	0.006	3932463	1920.56	6900000	80.00- 120.00	100.00(M)
3.663	3.660	0.003	7092729	1769.65	6300000	135.90- 203.85	180.36
4.103	4.104	-0.001	3424074	2052.48	7300000	82.04- 123.06	87.07
4.505	4.503	0.002	13612681	1903.08	6800000	292.08- 438.12	346.16
4.748	4.749	-0.001	6543505	2230.82	8000000	100.60- 150.90	166.40
4.929	4.930	-0.001	5057546	2328.01	8300000	78.17- 117.25	128.61
5.780	5.783	-0.003	5891527	2089.51	7500000	74.37- 111.56	149.82
6.295	6.301	-0.006	5651185	1494.28	5300000	1143.13-1714.69	143.71
Average of Peak Concentrations =					7000000		

Data File: vf464730.d
Report Date: 21-Sep-2011 01:26

QC Flag Legend

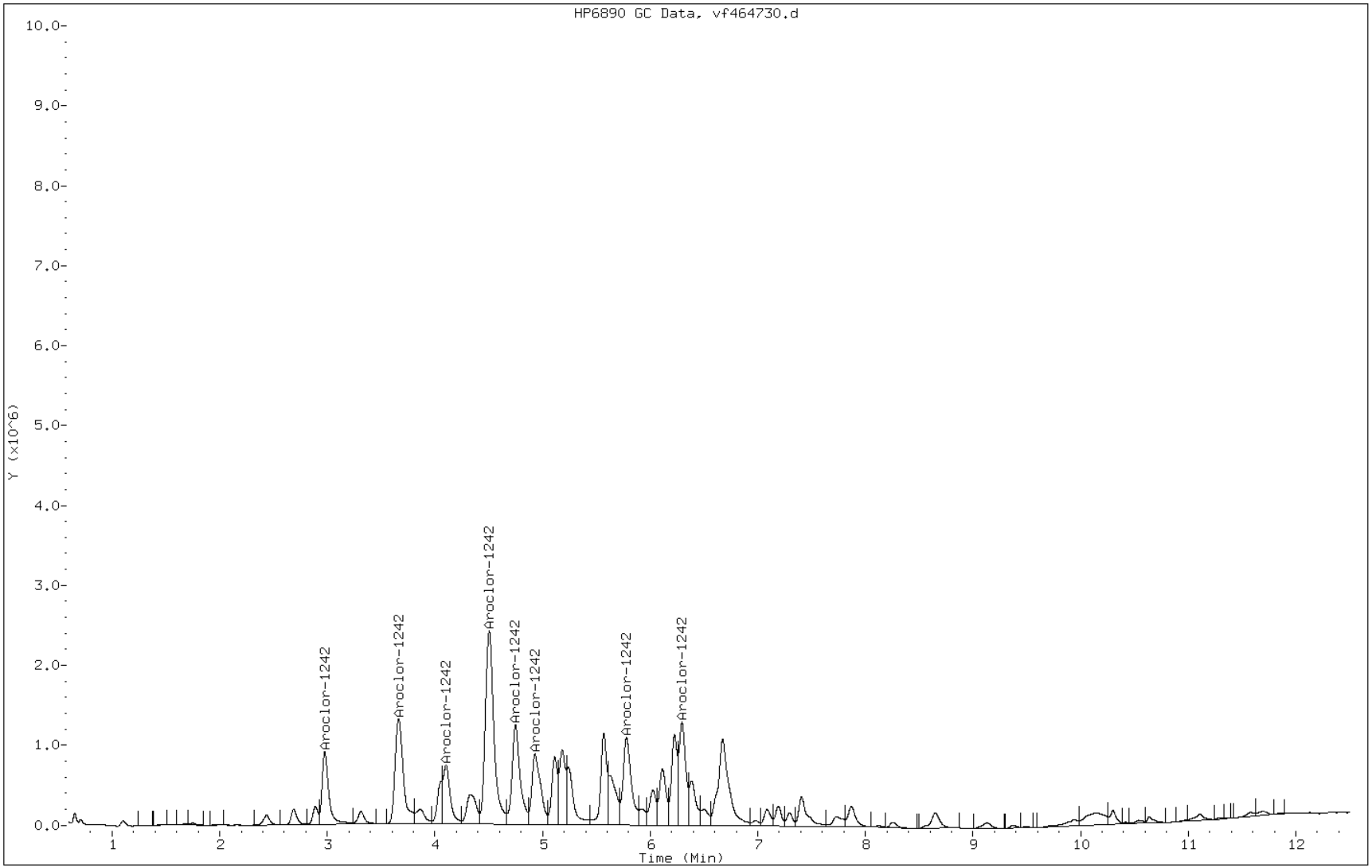
M - Compound response manually integrated.

Data File: vf464730.d

Date: 20-SEP-2011 23:17

Client ID: PMP-24-VS-S (1-3) Instrument: PESTGC9.i

Sample Info: 460-30837-F-4-B Operator: 615



Manual Integration Report

Data File: vf464730.d
Inj. Date and Time: 20-SEP-2011 23:17
Instrument ID: PESTGC9.i
Client ID: PMP-24-VS-S (1-3)
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 09/21/2011

Processing Integration Results

Not Detected

Expected RT: 2.97

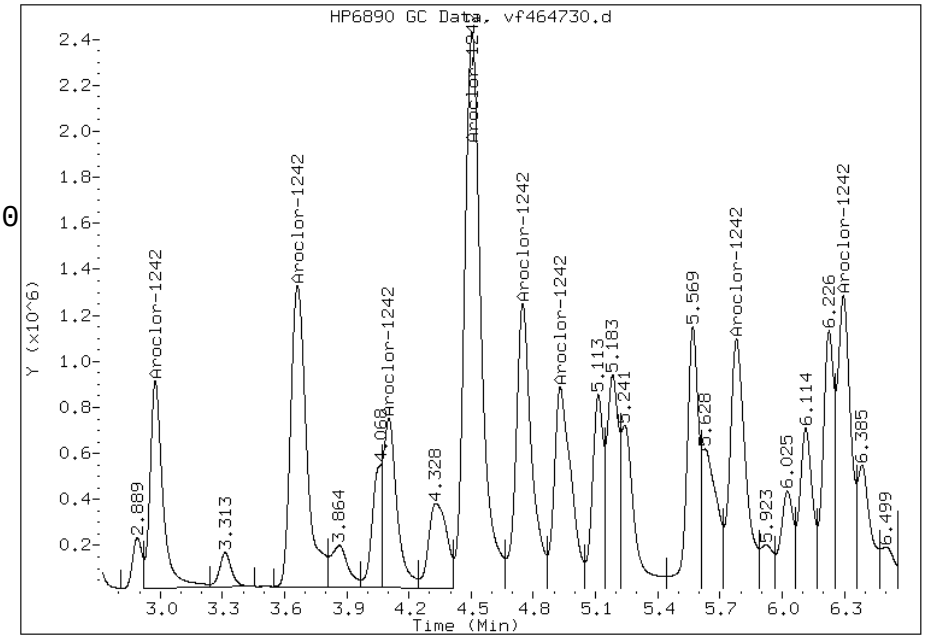
Manual Integration Results

RT: 2.98

Response: 3932463

Amount: 1973.55

Conc: 7000000.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-24-VS-S (1-3) Lab Sample ID: 460-30837-4

Matrix: Solid Lab File ID: vr464730.d

Analysis Method: 8082 Date Collected: 09/08/2011 16:40

Extraction Method: 3541 Date Extracted: 09/14/2011 04:57

Sample wt/vol: 15.00(g) Date Analyzed: 09/20/2011 23:17

Con. Extract Vol.: 10(mL) Dilution Factor: 5000

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 6.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86737 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	360000	U	360000	69000
11104-28-2	Aroclor 1221	360000	U	360000	110000
11141-16-5	Aroclor 1232	360000	U	360000	200000
12672-29-6	Aroclor 1248	360000	U	360000	95000
11097-69-1	Aroclor 1254	360000	U	360000	120000
11096-82-5	Aroclor 1260	360000	U	360000	40000
37324-23-5	Aroclor 1262	360000	U	360000	62000
11100-14-4	Aroclor 1268	360000	U	360000	62000

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Sep11/09-19-11/19sep11d.b/vr464730.d
Lab Smp Id: 460-30837-F-4-B Client Smp ID: PMP-24-VS-S (1-3)
Inj Date : 20-SEP-2011 23:17
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-30837-F-4-B
Misc Info : 460-30837-F-4-B
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Sep11/09-19-11/19sep11d.b/08Vr8082.m
Meth Date : 21-Sep-2011 01:06 diazc Quant Type: ESTD
Cal Date : 30-AUG-2011 18:17 Cal File: vr463935.d
Als bottle: 43
Dil Factor: 5000.00000
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	5000.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	6.73401	% Moisture

Cpnd Variable Local Compound Variable

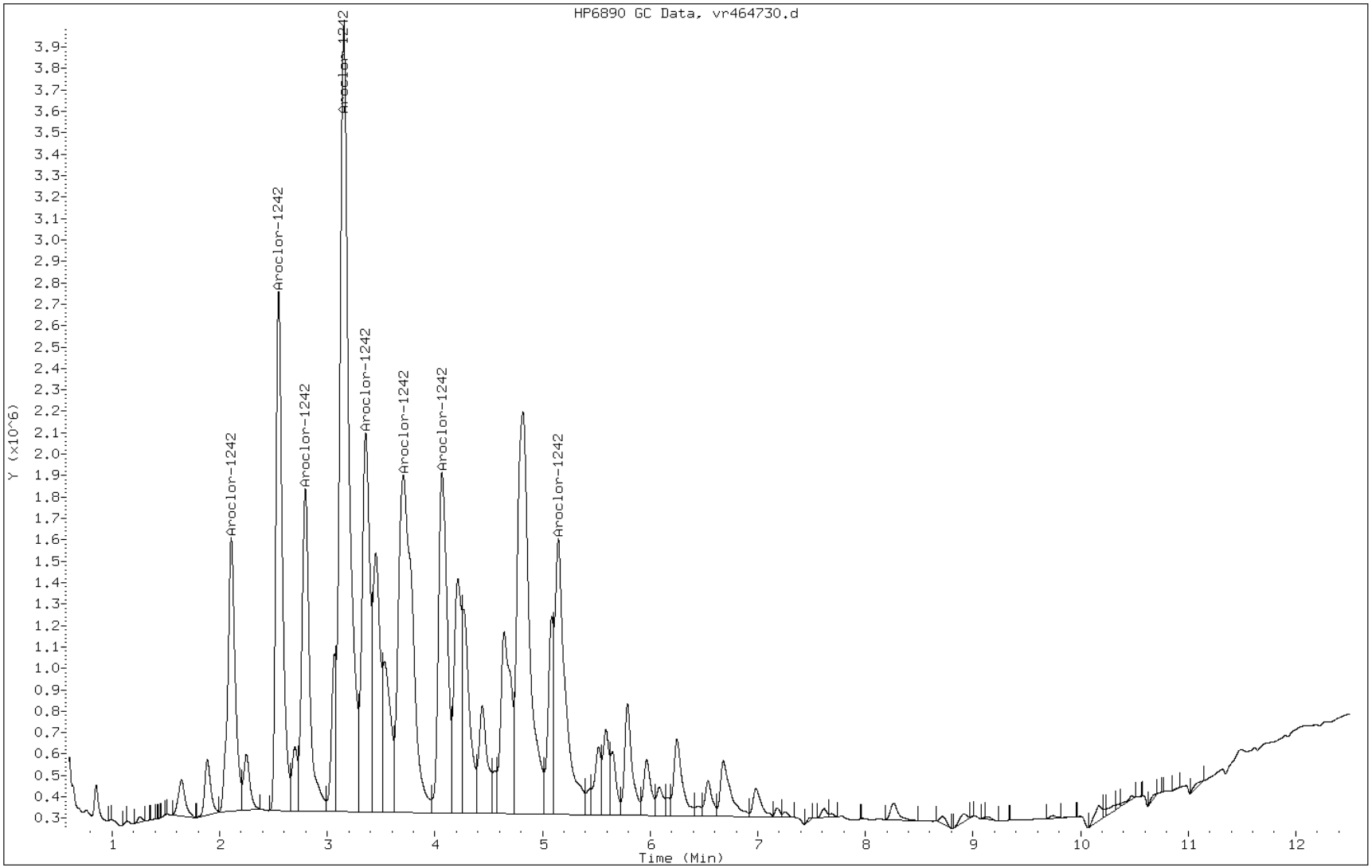
				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.108	2.106	0.002	6117324	1758.06	6300000	80.00- 120.00	100.00
2.547	2.546	0.001	10330284	1888.40	6700000	145.11- 217.66	168.87
2.797	2.796	0.001	7669291	2285.32	8200000	106.10- 159.15	125.37
3.153	3.152	0.001	21991381	1816.94	6500000	309.42- 464.12	359.49
3.356	3.355	0.001	8963541	1900.13	6800000	127.34- 191.02	146.53
3.707	3.705	0.002	14535718	1982.42	7100000	213.59- 320.38	237.62
4.065	4.063	0.002	9042976	1902.04	6800000	127.12- 190.68	147.83
5.147	5.151	-0.004	8830722	1870.99	6700000	92.69- 139.03	144.36
Average of Peak Concentrations =					6900000		

Data File: vr464730.d

Date: 20-SEP-2011 23:17

Client ID: PMP-24-VS-S (1-3) Instrument: PESTGC9.i

Sample Info: 460-30837-F-4-B Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-24-VD-S (4.5-6.0) Lab Sample ID: 460-30837-5

Matrix: Solid Lab File ID: vf464733.d

Analysis Method: 8082 Date Collected: 09/08/2011 16:45

Extraction Method: 3541 Date Extracted: 09/14/2011 04:57

Sample wt/vol: 15.00(g) Date Analyzed: 09/21/2011 01:09

Con. Extract Vol.: 10(mL) Dilution Factor: 5000

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 9.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86737 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	30-150

Data File: vf464733.d
Report Date: 21-Sep-2011 02:38

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Sep11/09-19-11/19sep11d.b/vf464733.d
Lab Smp Id: 460-30837-F-5-B Client Smp ID: PMP-24-VD-S (4.5-6.
Inj Date : 21-SEP-2011 01:09
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-30837-F-5-B
Misc Info : 460-30837-F-5-B
Comment   :
Method   : /chem1/PESTGC9.i/8082/front/Sep11/09-19-11/19sep11d.b/08Vf8082.m
Meth Date : 16-Sep-2011 11:23 catalina Quant Type: ESTD
Cal Date : 19-AUG-2011 15:08 Cal File: vf463562.d
Als bottle: 44
Dil Factor: 5000.00000
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	5000.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	9.67153	% 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		
2.997	2.971	0.026	2909856	1421.13	5200000	80.00- 120.00	100.00(M)
3.691	3.660	0.031	5560229	1387.29	5100000	135.90- 203.85	191.08
4.131	4.104	0.027	2620304	1570.68	5800000	82.04- 123.06	90.05
4.530	4.503	0.027	10478075	1464.85	5400000	292.08- 438.12	360.09
4.774	4.749	0.025	4852497	1654.32	6100000	100.60- 150.90	166.76
4.953	4.930	0.023	3649361	1679.81	6200000	78.17- 117.25	125.41
5.802	5.783	0.019	3927943	1393.10	5100000	74.37- 111.56	134.99
6.316	6.301	0.015	4393233	1161.65	4300000	1143.13-1714.69	150.98
Average of Peak Concentrations =					5400000		

Data File: vf464733.d
Report Date: 21-Sep-2011 02:38

QC Flag Legend

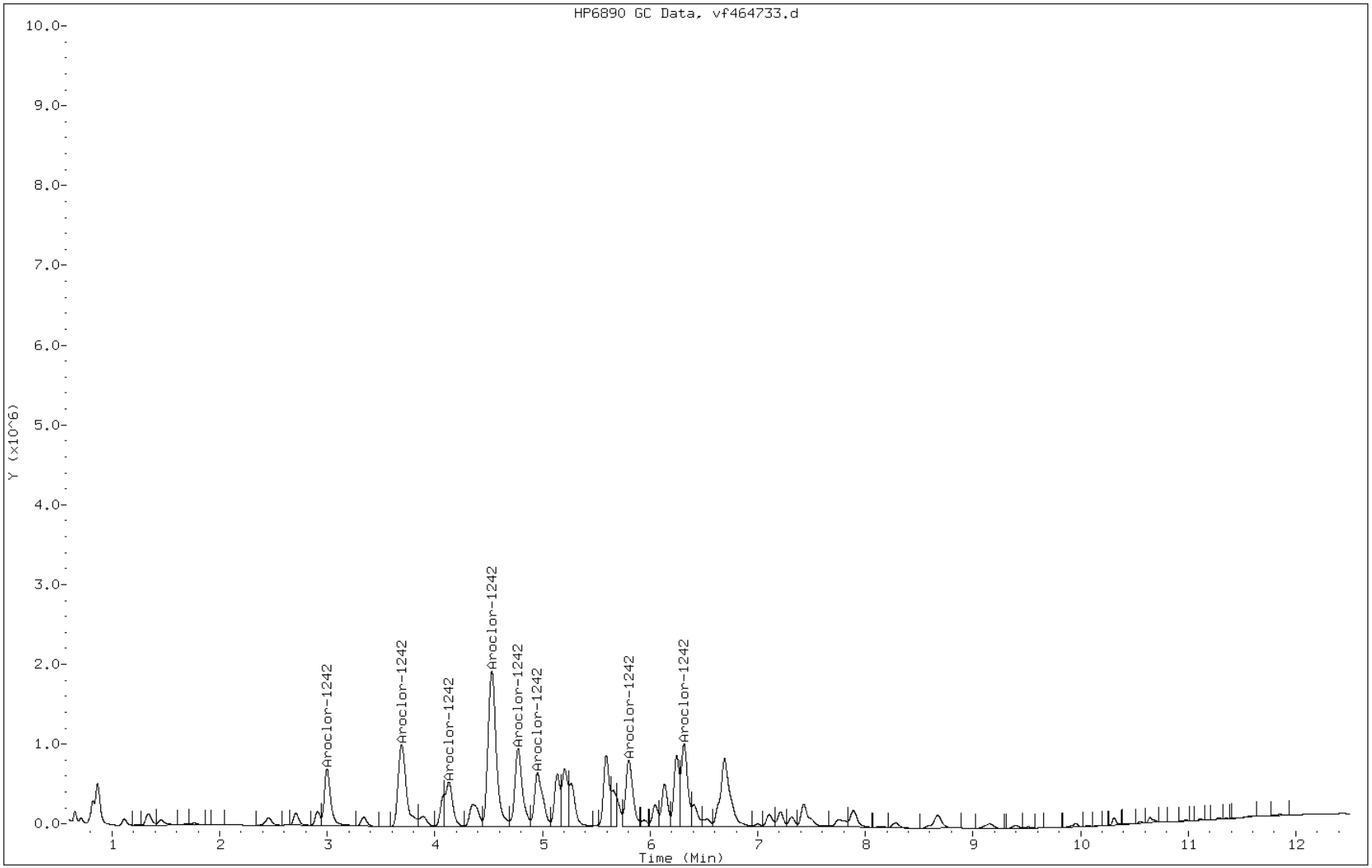
M - Compound response manually integrated.

Data File: vf464733.d

Date: 21-SEP-2011 01:09

Client ID: PMP-24-VD-S (4.5-6. Instrument: PESTGC9.i

Sample Info: 460-30837-F-5-B Operator: 615



Manual Integration Report

Data File: vf464733.d
Inj. Date and Time: 21-SEP-2011 01:09
Instrument ID: PESTGC9.i
Client ID: PMP-24-VD-S (4.5-6.
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 09/21/2011

Processing Integration Results

Not Detected

Expected RT: 2.97

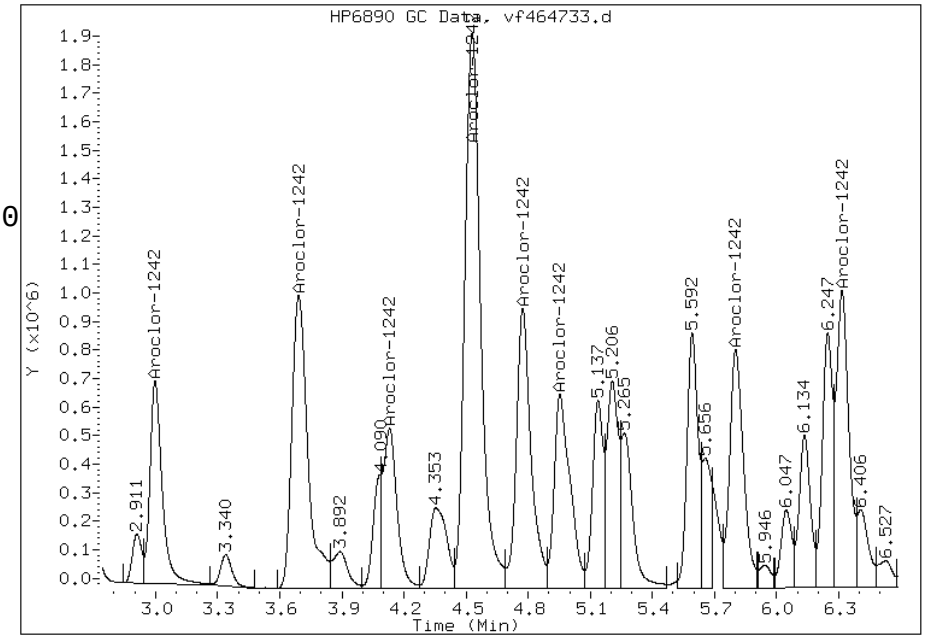
Manual Integration Results

RT: 3.00

Response: 2909856

Amount: 1466.60

Conc: 5400000.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-24-VD-S (4.5-6.0) | Lab Sample ID: 460-30837-5

Matrix: Solid | Lab File ID: vr464733.d

Analysis Method: 8082 | Date Collected: 09/08/2011 16:45

Extraction Method: 3541 | Date Extracted: 09/14/2011 04:57

Sample wt/vol: 15.00(g) | Date Analyzed: 09/21/2011 01:09

Con. Extract Vol.: 10(mL) | Dilution Factor: 5000

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 9.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86737 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	370000	U	370000	71000
11104-28-2	Aroclor 1221	370000	U	370000	110000
11141-16-5	Aroclor 1232	370000	U	370000	210000
53469-21-9	Aroclor 1242	5400000		370000	70000
12672-29-6	Aroclor 1248	370000	U	370000	99000
11097-69-1	Aroclor 1254	370000	U	370000	130000
11096-82-5	Aroclor 1260	370000	U	370000	41000
37324-23-5	Aroclor 1262	370000	U	370000	64000
11100-14-4	Aroclor 1268	370000	U	370000	64000

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Sep11/09-19-11/19sep11d.b/vr464733.d
Lab Smp Id: 460-30837-F-5-B Client Smp ID: PMP-24-VD-S (4.5-6.
Inj Date : 21-SEP-2011 01:09
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-30837-F-5-B
Misc Info : 460-30837-F-5-B
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Sep11/09-19-11/19sep11d.b/08Vr8082.m
Meth Date : 21-Sep-2011 01:06 diazc Quant Type: ESTD
Cal Date : 30-AUG-2011 18:17 Cal File: vr463935.d
Als bottle: 44
Dil Factor: 5000.00000
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	5000.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	9.67153	% Moisture

Cpnd Variable Local Compound Variable

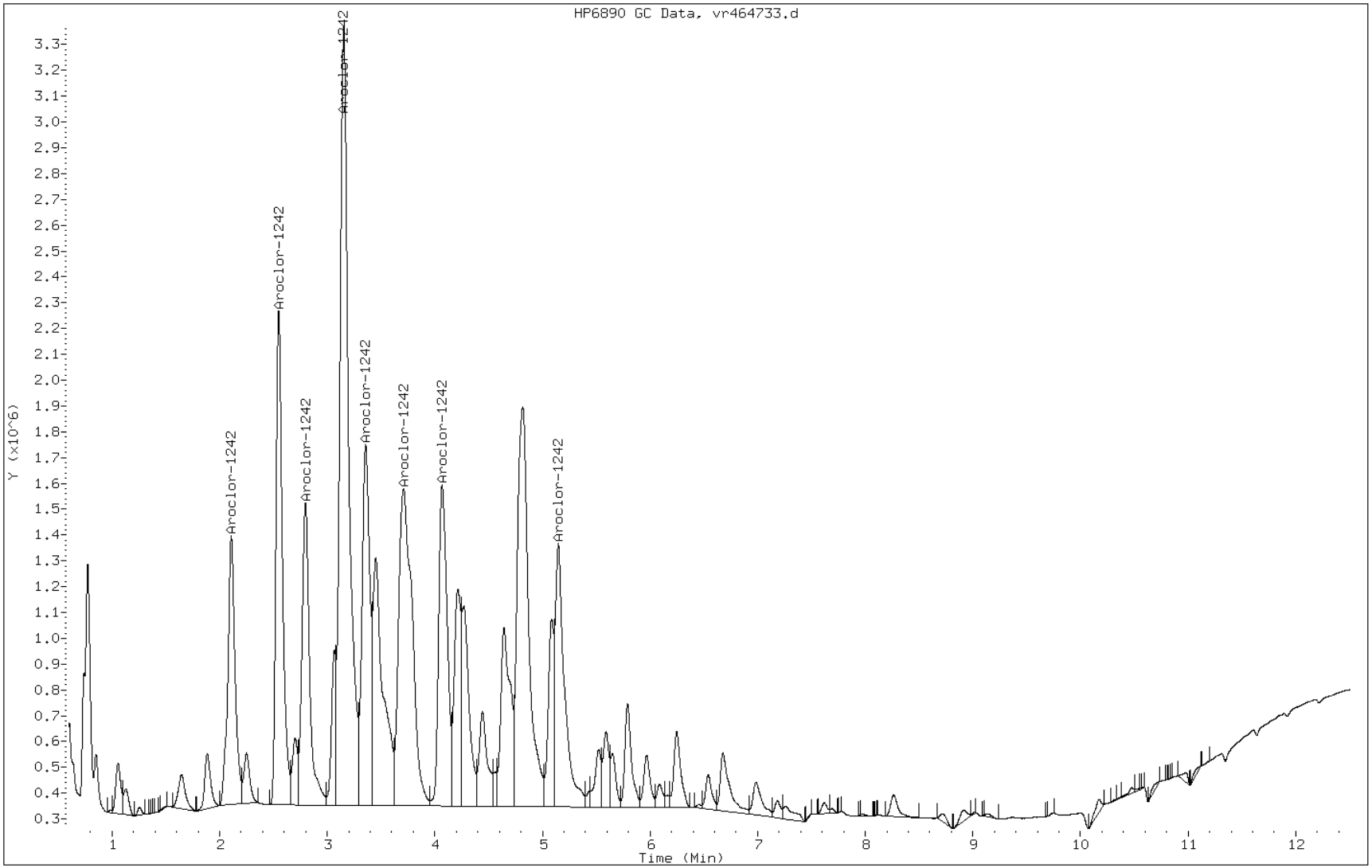
				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.107	2.106	0.001	4879700	1402.38	5200000	80.00- 120.00	100.00
2.549	2.546	0.003	8083785	1477.73	5400000	145.11- 217.66	165.66
2.798	2.796	0.002	5878471	1751.68	6500000	106.10- 159.15	120.47
3.153	3.152	0.001	17478133	1444.05	5300000	309.42- 464.12	358.18
3.357	3.355	0.002	6929471	1468.94	5400000	127.34- 191.02	142.01
3.710	3.705	0.005	10817968	1475.38	5400000	213.59- 320.38	221.69
4.066	4.063	0.003	6846231	1439.99	5300000	127.12- 190.68	140.30
5.147	5.151	-0.004	6247882	1323.76	4900000	92.69- 139.03	128.04
Average of Peak Concentrations =					5400000		

Data File: vr464733.d

Date: 21-SEP-2011 01:09

Client ID: PMP-24-VD-S (4.5-6. Instrument: PESTGC9.i

Sample Info: 460-30837-F-5-B Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-24-WT-S (6.5-8.5) | Lab Sample ID: 460-30837-6

Matrix: Solid | Lab File ID: vf464732.d

Analysis Method: 8082 | Date Collected: 09/08/2011 16:55

Extraction Method: 3541 | Date Extracted: 09/14/2011 04:57

Sample wt/vol: 15.00(g) | Date Analyzed: 09/20/2011 23:49

Con. Extract Vol.: 10(mL) | Dilution Factor: 5000

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 14.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86737 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	5700000		390000	74000

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Sep11/09-19-11/19sep11d.b/vf464732.d
Lab Smp Id: 460-30837-F-6-C Client Smp ID: PMP-24-WT-S (6.5-8.
Inj Date : 20-SEP-2011 23:49
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-30837-F-6-C
Misc Info : 460-30837-F-6-C
Comment :
Method : /chem1/PESTGC9.i/8082/front/Sep11/09-19-11/19sep11d.b/08Vf8082.m
Meth Date : 16-Sep-2011 11:23 catalina Quant Type: ESTD
Cal Date : 19-AUG-2011 15:08 Cal File: vf463562.d
Als bottle: 45
Dil Factor: 5000.00000
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	5000.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	14.08163	% 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		
2.973	2.971	0.002	2982356	1456.54	5600000	80.00- 120.00	100.00(MH)
3.659	3.660	-0.001	5582931	1392.95	5400000	135.90- 203.85	187.20
4.100	4.104	-0.004	2430544	1456.93	5600000	82.04- 123.06	81.50
4.503	4.503	0.000	10520683	1470.81	5700000	292.08- 438.12	352.76
4.746	4.749	-0.003	4863591	1658.10	6400000	100.60- 150.90	163.08
4.928	4.930	-0.002	3602702	1658.34	6400000	78.17- 117.25	120.80
5.778	5.783	-0.005	3951154	1401.33	5400000	74.37- 111.56	132.48
6.296	6.301	-0.005	4372244	1156.10	4500000	1143.13-1714.69	146.60

Average of Peak Concentrations = 5600000

QC Flag Legend

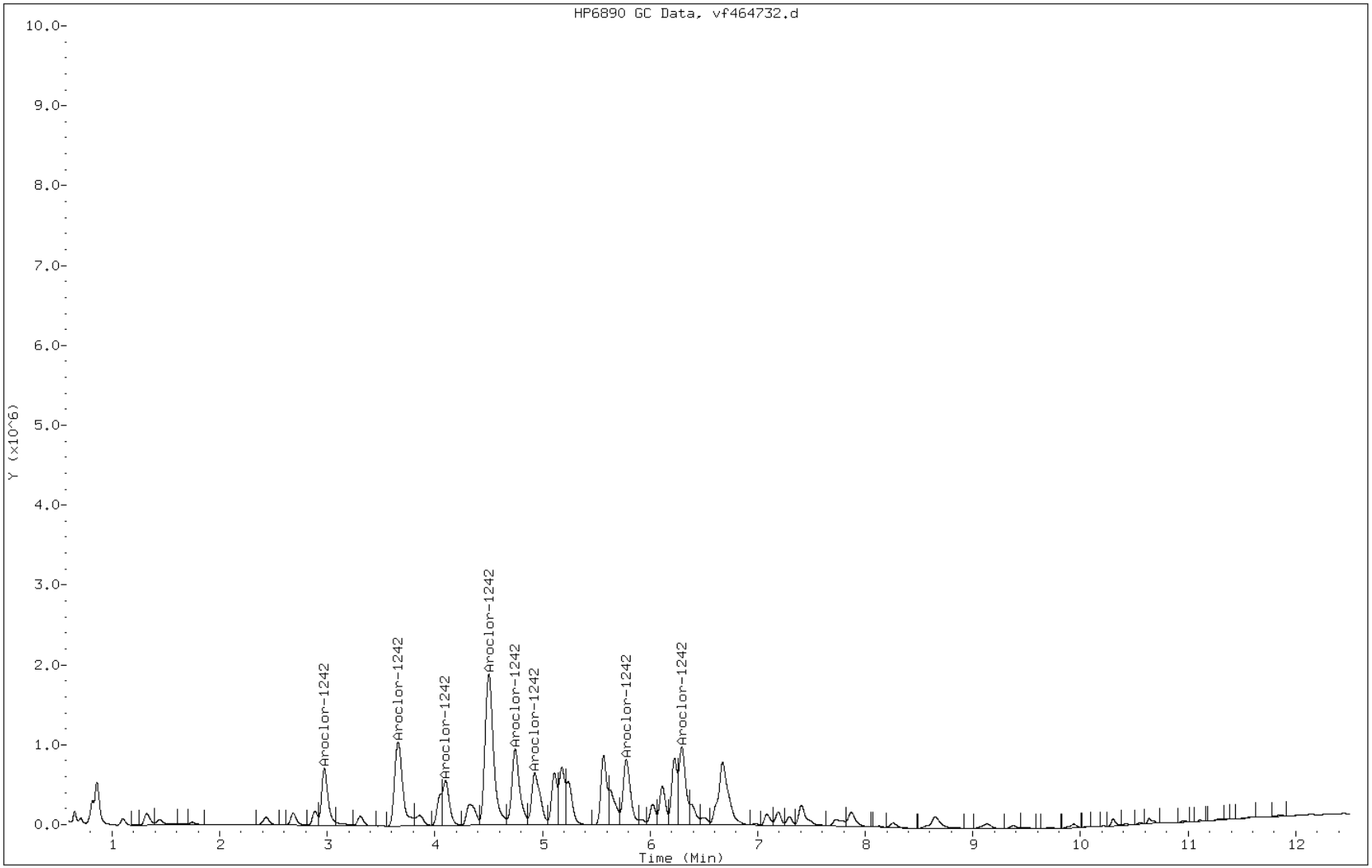
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: vf464732.d

Date: 20-SEP-2011 23:49

Client ID: PMP-24-WT-S (6.5-8. Instrument: PESTGC9.i

Sample Info: 460-30837-F-6-C Operator: 615



Manual Integration Report

Data File: vf464732.d
Inj. Date and Time: 20-SEP-2011 23:49
Instrument ID: PESTGC9.i
Client ID: PMP-24-WT-S (6.5-8.
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 09/21/2011

Processing Integration Results

Not Detected

Expected RT: 2.97

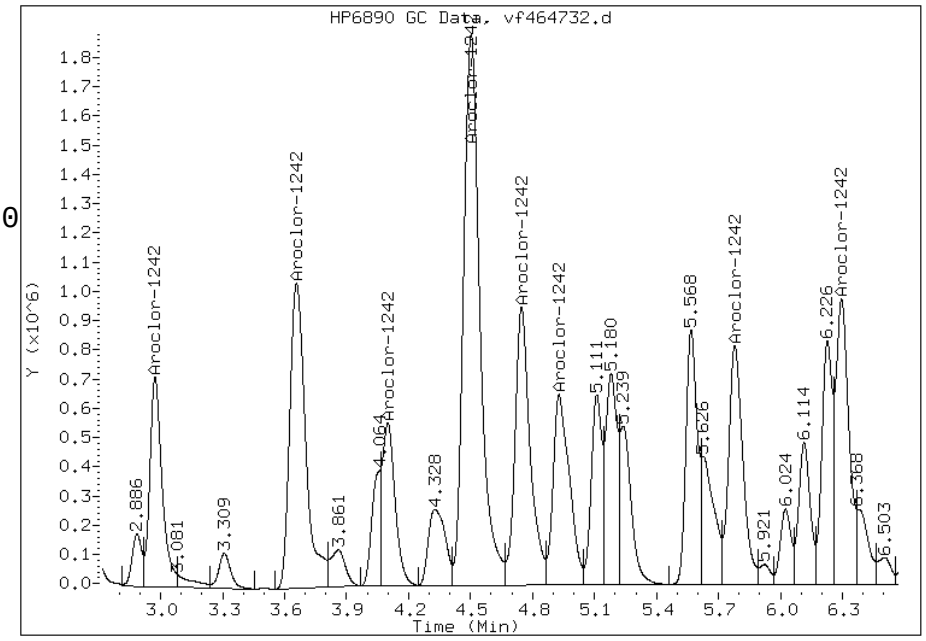
Manual Integration Results

RT: 2.97

Response: 2982356

Amount: 1456.39

Conc: 5600000.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-24-WT-S (6.5-8.5) Lab Sample ID: 460-30837-6

Matrix: Solid Lab File ID: vr464732.d

Analysis Method: 8082 Date Collected: 09/08/2011 16:55

Extraction Method: 3541 Date Extracted: 09/14/2011 04:57

Sample wt/vol: 15.00(g) Date Analyzed: 09/20/2011 23:49

Con. Extract Vol.: 10(mL) Dilution Factor: 5000

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 14.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86737 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	390000	U	390000	74000
11104-28-2	Aroclor 1221	390000	U	390000	120000
11141-16-5	Aroclor 1232	390000	U	390000	220000
12672-29-6	Aroclor 1248	390000	U	390000	100000
11097-69-1	Aroclor 1254	390000	U	390000	130000
11096-82-5	Aroclor 1260	390000	U	390000	44000
37324-23-5	Aroclor 1262	390000	U	390000	67000
11100-14-4	Aroclor 1268	390000	U	390000	67000

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	30-150

Data File: vr464732.d
Report Date: 21-Sep-2011 01:27

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Sep11/09-19-11/19sep11d.b/vr464732.d
Lab Smp Id: 460-30837-F-6-C Client Smp ID: PMP-24-WT-S (6.5-8.
Inj Date : 20-SEP-2011 23:49
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-30837-F-6-C
Misc Info : 460-30837-F-6-C
Comment   :
Method   : /chem1/PESTGC9.i/8082/rear/Sep11/09-19-11/19sep11d.b/08Vr8082.m
Meth Date : 21-Sep-2011 01:06 diazc Quant Type: ESTD
Cal Date : 30-AUG-2011 18:17 Cal File: vr463935.d
Als bottle: 45
Dil Factor: 5000.00000
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	5000.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	14.08163	% 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		
2.105	2.106	-0.001	4696968	1349.87	5200000	80.00- 120.00	100.00(H)
2.544	2.546	-0.002	7984323	1459.55	5700000	145.11- 217.66	169.99
2.793	2.796	-0.003	5794247	1726.58	6700000	106.10- 159.15	123.36
3.150	3.152	-0.002	16841221	1391.43	5400000	309.42- 464.12	358.56
3.354	3.355	-0.001	6761755	1433.39	5600000	127.34- 191.02	143.96
3.705	3.705	0.000	10736564	1464.28	5700000	213.59- 320.38	228.58
4.061	4.063	-0.002	6584984	1385.04	5400000	127.12- 190.68	140.20
5.147	5.151	-0.004	6072779	1286.66	5000000	92.69- 139.03	129.29
Average of Peak Concentrations =					5600000		

Data File: vr464732.d
Report Date: 21-Sep-2011 01:27

QC Flag Legend

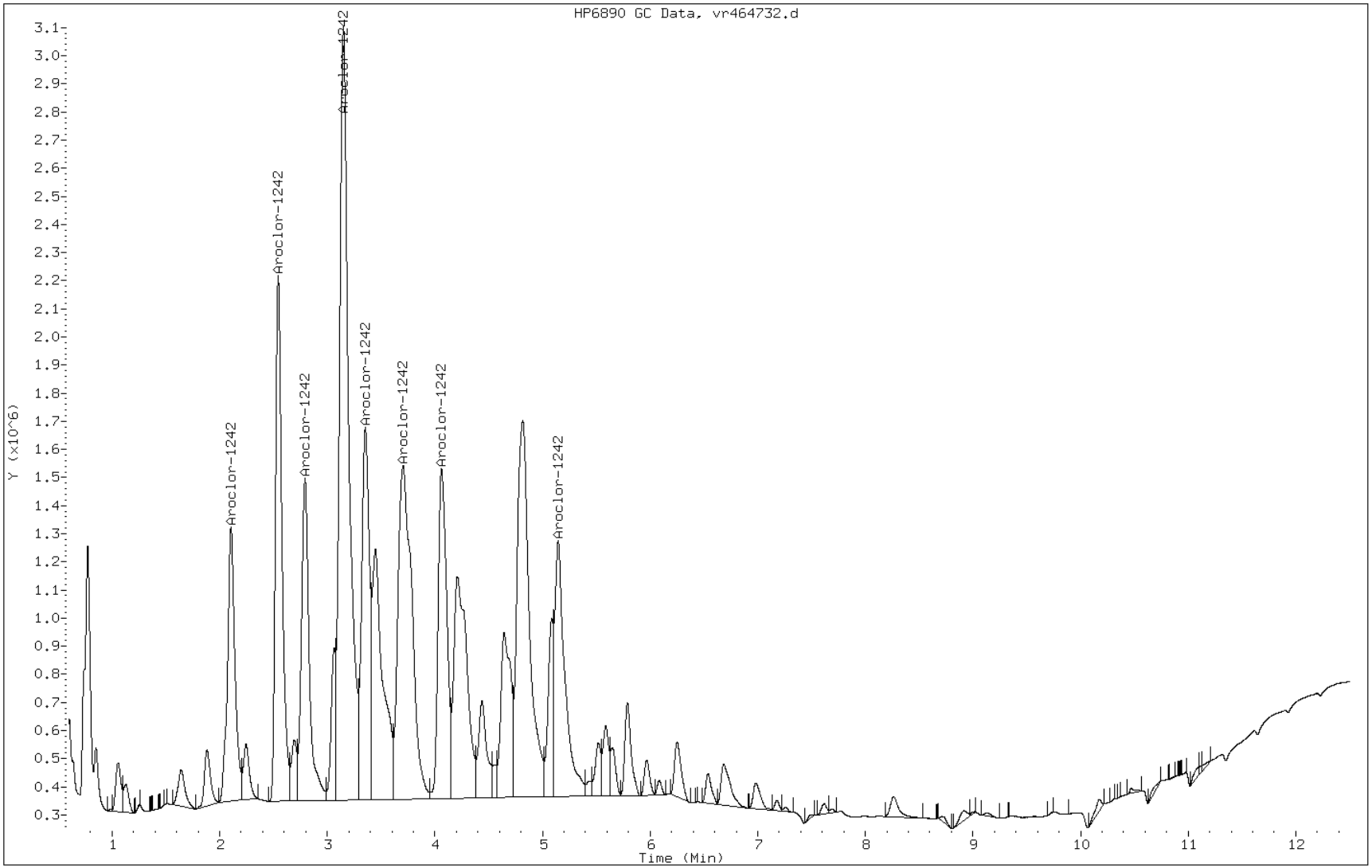
H - Operator selected an alternate compound hit.

Data File: vr464732.d

Date: 20-SEP-2011 23:49

Client ID: PMP-24-WT-S (6.5-8. Instrument: PESTGC9.i

Sample Info: 460-30837-F-6-C Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-24-SI-S (10.5-12.5) Lab Sample ID: 460-30837-7

Matrix: Solid Lab File ID: vf464690.d

Analysis Method: 8082 Date Collected: 09/08/2011 17:05

Extraction Method: 3541 Date Extracted: 09/14/2011 04:57

Sample wt/vol: 15.01(g) Date Analyzed: 09/20/2011 04:11

Con. Extract Vol.: 10(mL) Dilution Factor: 500

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 13.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86731 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	30-150

Data File: vf464690.d
Report Date: 20-Sep-2011 23:27

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Sep11/09-19-11/19sep11a.b/vf464690.d
Lab Smp Id: 460-30837-F-7-C Client Smp ID: PMP-24-SI-S (10.5-1
Inj Date : 20-SEP-2011 04:11
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-30837-F-7-C
Misc Info : 460-30837-F-7-C
Comment   :
Method   : /chem1/PESTGC9.i/8082/front/Sep11/09-19-11/19sep11a.b/08Vf8082.m
Meth Date : 16-Sep-2011 11:23 catalina Quant Type: ESTD
Cal Date : 19-AUG-2011 15:08 Cal File: vf463562.d
Als bottle: 10
Dil Factor: 500.00000
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	500.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.01000	Weight of sample extracted (g)
M	13.43284	% 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		
2.972	2.971	0.001	4396131	2147.00	830000	80.00- 120.00	100.00(M)
3.657	3.660	-0.003	8637716	2155.12	830000	135.90- 203.85	196.48
4.098	4.104	-0.006	0			82.04- 123.06	0.00
4.500	4.503	-0.003	16444752	2299.01	880000	292.08- 438.12	374.07
4.743	4.749	-0.006	0			100.60- 150.90	0.00
4.925	4.930	-0.005	0			78.17- 117.25	0.00
5.775	5.783	-0.008	6377528	2261.88	870000	74.37- 111.56	145.07
6.291	6.301	-0.010	7067359	1868.74	720000	1143.13-1714.69	160.76
Average of Peak Concentrations =					820000		

Data File: vf464690.d
Report Date: 20-Sep-2011 23:27

QC Flag Legend

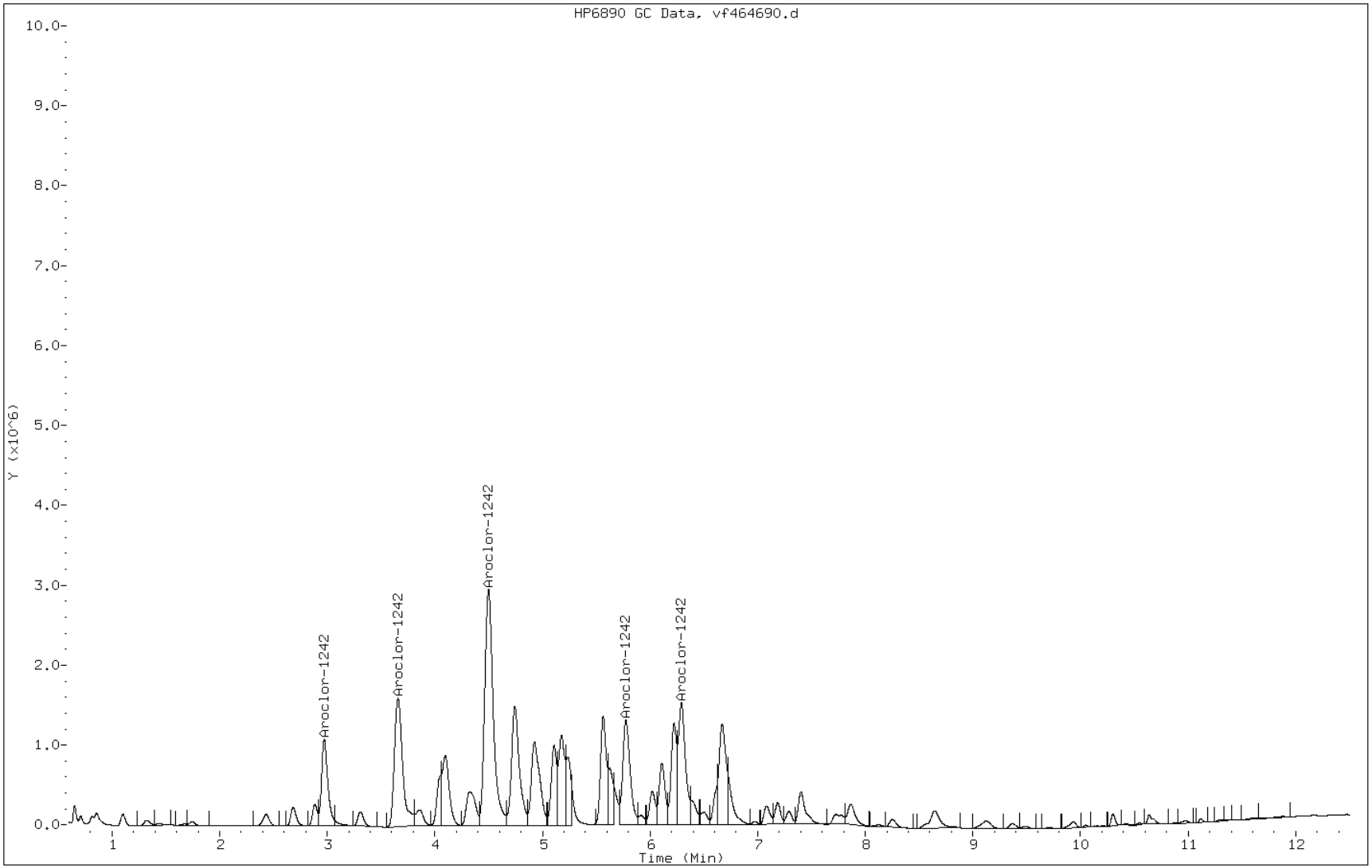
M - Compound response manually integrated.

Data File: vf464690.d

Date: 20-SEP-2011 04:11

Client ID: PMP-24-SI-S (10.5-1 Instrument: PESTGC9.i

Sample Info: 460-30837-F-7-C Operator: 615



Manual Integration Report

Data File: vf464690.d
Inj. Date and Time: 20-SEP-2011 04:11
Instrument ID: PESTGC9.i
Client ID: PMP-24-SI-S (10.5-1
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 09/20/2011

Processing Integration Results

Not Detected

Expected RT: 2.97

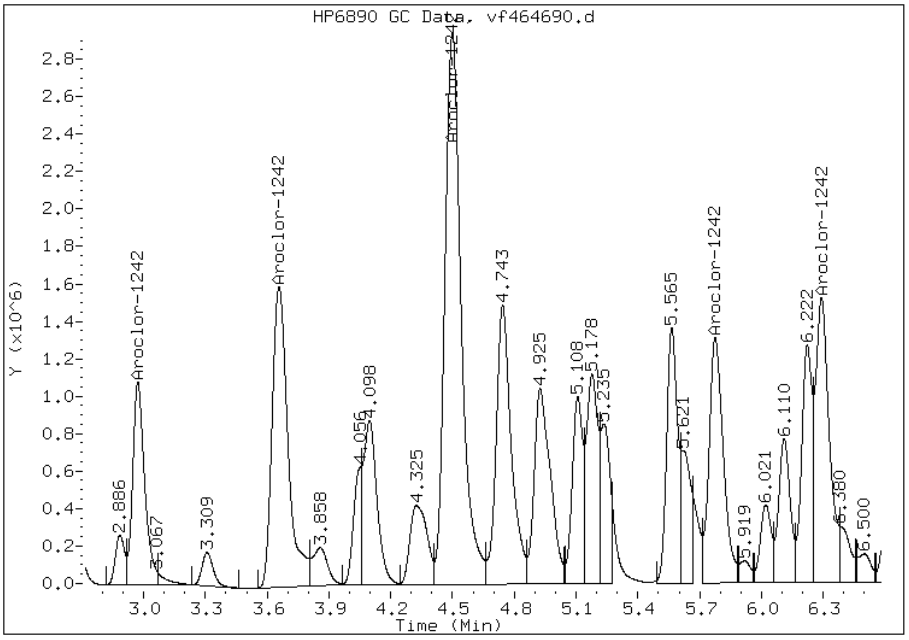
Manual Integration Results

RT: 2.97

Response: 4396131

Amount: 2146.35

Conc: 820000.00



Manually Integrated By: diazc
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-24-SI-S (10.5-12.5) Lab Sample ID: 460-30837-7

Matrix: Solid Lab File ID: vr464690.d

Analysis Method: 8082 Date Collected: 09/08/2011 17:05

Extraction Method: 3541 Date Extracted: 09/14/2011 04:57

Sample wt/vol: 15.01(g) Date Analyzed: 09/20/2011 04:11

Con. Extract Vol.: 10(mL) Dilution Factor: 500

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 13.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86731 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	39000	U	39000	7400
11104-28-2	Aroclor 1221	39000	U	39000	12000
11141-16-5	Aroclor 1232	39000	U	39000	22000
53469-21-9	Aroclor 1242	830000		39000	7300
12672-29-6	Aroclor 1248	39000	U	39000	10000
11097-69-1	Aroclor 1254	39000	U	39000	13000
11096-82-5	Aroclor 1260	39000	U	39000	4300
37324-23-5	Aroclor 1262	39000	U	39000	6600
11100-14-4	Aroclor 1268	39000	U	39000	6600

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Sep11/09-19-11/19sep11a.b/vr464690.d
Lab Smp Id: 460-30837-F-7-C Client Smp ID: PMP-24-SI-S (10.5-1
Inj Date : 20-SEP-2011 04:11
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-30837-F-7-C
Misc Info : 460-30837-F-7-C
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Sep11/09-19-11/19sep11a.b/08Vr8082.m
Meth Date : 20-Sep-2011 22:49 diazc Quant Type: ESTD
Cal Date : 30-AUG-2011 18:17 Cal File: vr463935.d
Als bottle: 10
Dil Factor: 500.00000
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	500.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.01000	Weight of sample extracted (g)
M	13.43284	% Moisture

Cpnd Variable Local Compound Variable

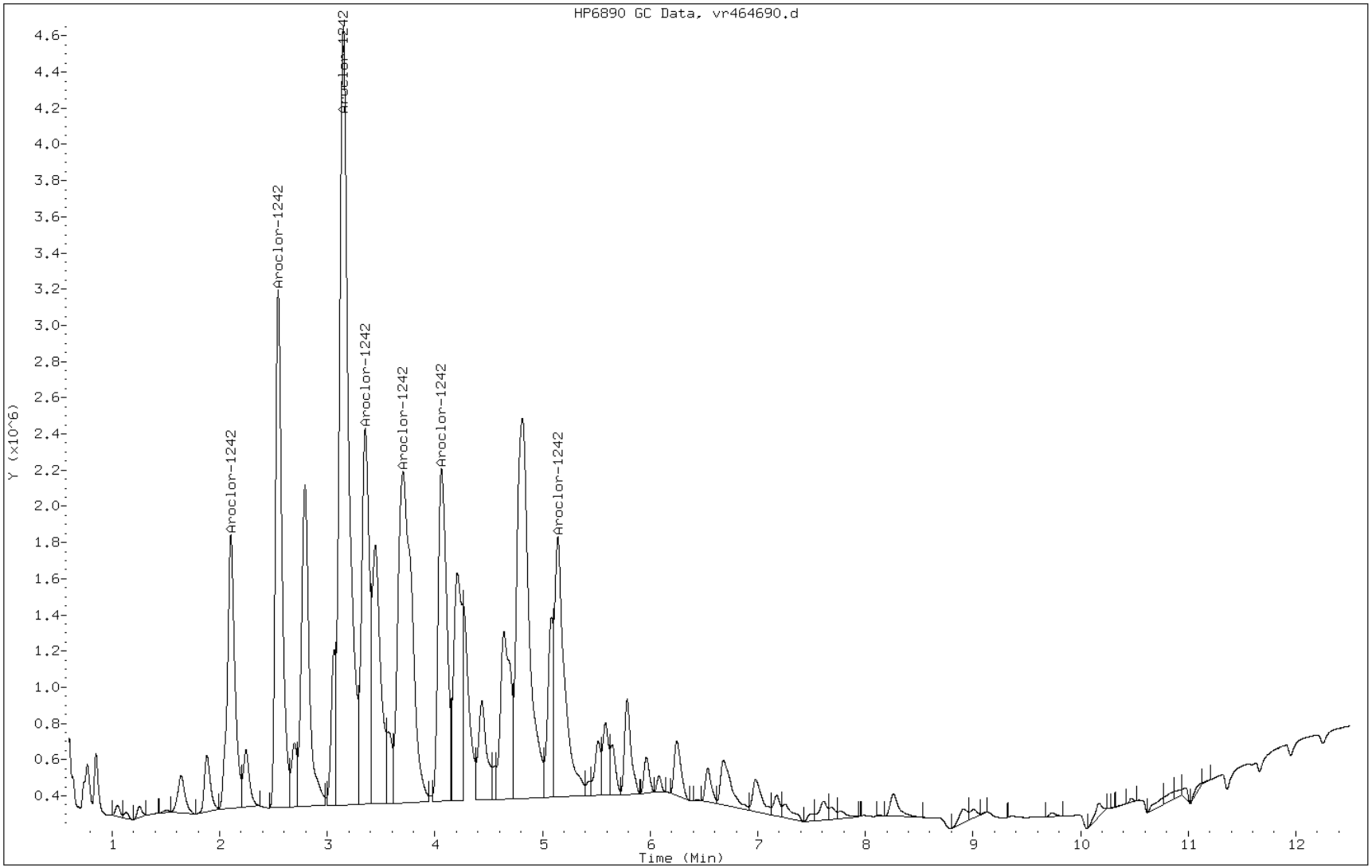
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.104	2.106	-0.002	7304533	2099.26	810000	80.00- 120.00	100.00
2.544	2.546	-0.002	12328193	2253.62	870000	145.11- 217.66	168.77
2.793	2.796	-0.003	0			106.10- 159.15	0.00
3.149	3.152	-0.003	26137370	2159.48	830000	309.42- 464.12	357.82
3.352	3.355	-0.003	10541920	2234.73	860000	127.34- 191.02	144.32
3.704	3.705	-0.001	16544995	2256.45	870000	213.59- 320.38	226.50
4.061	4.063	-0.002	10296401	2165.67	830000	127.12- 190.68	140.96
5.143	5.151	-0.008	9498892	2012.56	770000	92.69- 139.03	130.04
			Average of Peak Concentrations =		830000		

Data File: vr464690.d

Date: 20-SEP-2011 04:11

Client ID: PMP-24-SI-S (10.5-1 Instrument: PESTGC9.i

Sample Info: 460-30837-F-7-C Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-22-VS-S (1.5-2.0) Lab Sample ID: 460-30837-8

Matrix: Solid Lab File ID: vf464691.d

Analysis Method: 8082 Date Collected: 09/08/2011 17:25

Extraction Method: 3541 Date Extracted: 09/14/2011 04:57

Sample wt/vol: 15.05(g) Date Analyzed: 09/20/2011 04:27

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.: 86731 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/PESTGC9.i/8082/front/Sep11/09-19-11/19sep11a.b/vf464691.d
Lab Smp Id: 460-30837-F-8-C Client Smp ID: PMP-22-VS-S (1.5-2.
Inj Date : 20-SEP-2011 04:27
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-30837-F-8-C
Misc Info : 460-30837-F-8-C
Comment :
Method : /chem1/PESTGC9.i/8082/front/Sep11/09-19-11/19sep11a.b/08Vf8082.m
Meth Date : 16-Sep-2011 11:23 catalina Quant Type: ESTD
Cal Date : 19-AUG-2011 15:08 Cal File: vf463562.d
Als bottle: 100
Dil Factor: 10.00000
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	10.00000	Dilution Factor
Vt	1.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	5.65371	% 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		
3.657	3.657	0.000	0			80.00- 120.00	0.00(M)
4.502	4.500	0.002	0			171.94- 257.91	0.00
4.742	4.743	-0.001	4704499	2213.53	1600	59.22- 88.83	85.83
5.108	5.114	-0.006	3354979	1088.66	770	79.42- 119.13	61.21
5.565	5.573	-0.008	5069535	1220.29	860	94.99- 142.49	92.49
5.775	5.782	-0.007	6003032	1351.70	950	43.78- 65.67	109.52
6.109	6.118	-0.009	2784175	1102.35	780	51.41- 77.12	50.79
6.291	6.298	-0.007	5904178	1001.84	710	672.93-1009.40	107.71
Average of Peak Concentrations =					940		

QC Flag Legend

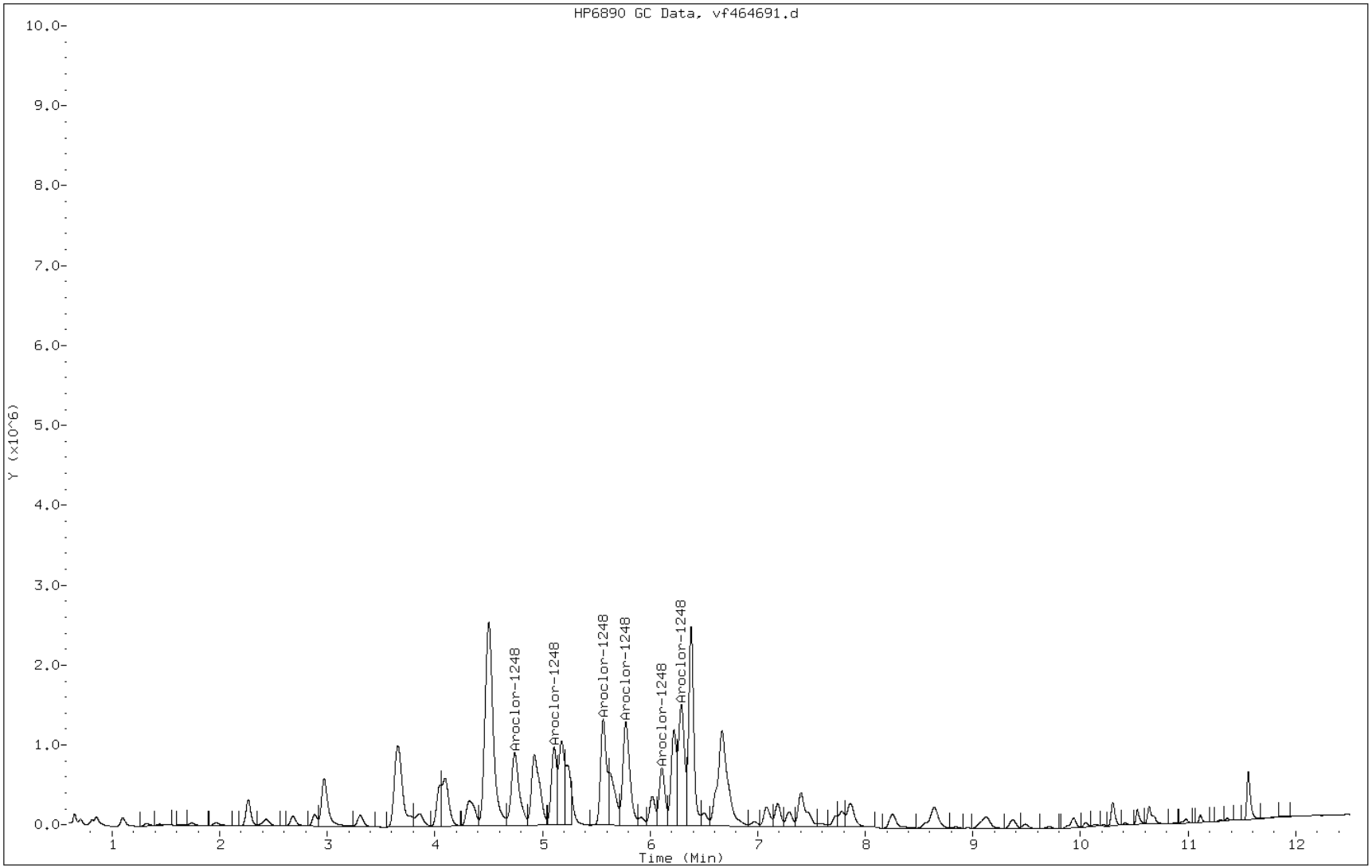
M - Compound response manually integrated.

Data File: vf464691.d

Date: 20-SEP-2011 04:27

Client ID: PMP-22-VS-S (1.5-2. Instrument: PESTGC9.i

Sample Info: 460-30837-F-8-C Operator: 615



Manual Integration Report

Data File: vf464691.d
Inj. Date and Time: 20-SEP-2011 04:27
Instrument ID: PESTGC9.i
Client ID: PMP-22-VS-S (1.5-2.
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 09/20/2011

Processing Integration Results

Not Detected

Expected RT: 3.66

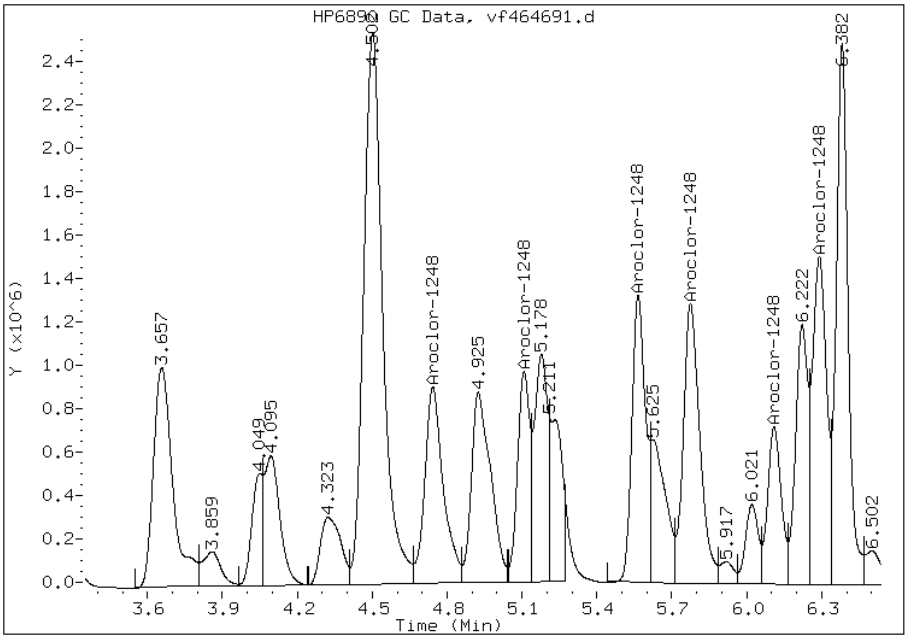
Manual Integration Results

RT: 3.66

Response: 0

Amount: 1329.73

Conc: 940.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-22-VS-S (1.5-2.0) Lab Sample ID: 460-30837-8

Matrix: Solid Lab File ID: vr464691.d

Analysis Method: 8082 Date Collected: 09/08/2011 17:25

Extraction Method: 3541 Date Extracted: 09/14/2011 04:57

Sample wt/vol: 15.05(g) Date Analyzed: 09/20/2011 04:27

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.: 86731 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	710	U	710	140
11104-28-2	Aroclor 1221	710	U	710	210
11141-16-5	Aroclor 1232	710	U	710	400
53469-21-9	Aroclor 1242	710	U	710	130
12672-29-6	Aroclor 1248	12000		710	190
11097-69-1	Aroclor 1254	710	U	710	240
11096-82-5	Aroclor 1260	710	U	710	79
37324-23-5	Aroclor 1262	710	U	710	120
11100-14-4	Aroclor 1268	710	U	710	120

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	30-150

Data File: vr464691.d
Report Date: 20-Sep-2011 23:32

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Sep11/09-19-11/19sep11a.b/vr464691.d
Lab Smp Id: 460-30837-F-8-C Client Smp ID: PMP-22-VS-S (1.5-2.
Inj Date : 20-SEP-2011 04:27
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-30837-F-8-C
Misc Info : 460-30837-F-8-C
Comment   :
Method   : /chem1/PESTGC9.i/8082/rear/Sep11/09-19-11/19sep11a.b/08Vr8082.m
Meth Date : 20-Sep-2011 22:49 diazc Quant Type: ESTD
Cal Date : 30-AUG-2011 18:17 Cal File: vr463935.d
Als bottle: 100
Dil Factor: 10.00000
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	10.00000	Dilution Factor
Vt	1.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	5.65371	% 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		
2.543	2.546	-0.003	7621723	2745.21	1900	80.00- 120.00	100.00(M)
3.151	3.152	-0.001	21851706	2606.98	1800	170.59- 255.88	286.70
3.355	3.355	0.000	6714488	2264.82	1600	70.21- 105.31	88.10
3.702	3.705	-0.003	16523694	1396.76	980	117.75- 176.63	216.80
4.060	4.063	-0.003	10110049	1338.18	940	70.08- 105.13	132.65
4.206	4.211	-0.005	5783668	1309.35	920	58.57- 87.85	75.88
4.689	4.708	-0.019	2102943	723.202	510	62.38- 93.56	27.59
5.142	5.151	-0.009	9227486	973.128	690	51.10- 76.65	121.07
Average of Peak Concentrations =					1200		

Data File: vr464691.d
Report Date: 20-Sep-2011 23:32

QC Flag Legend

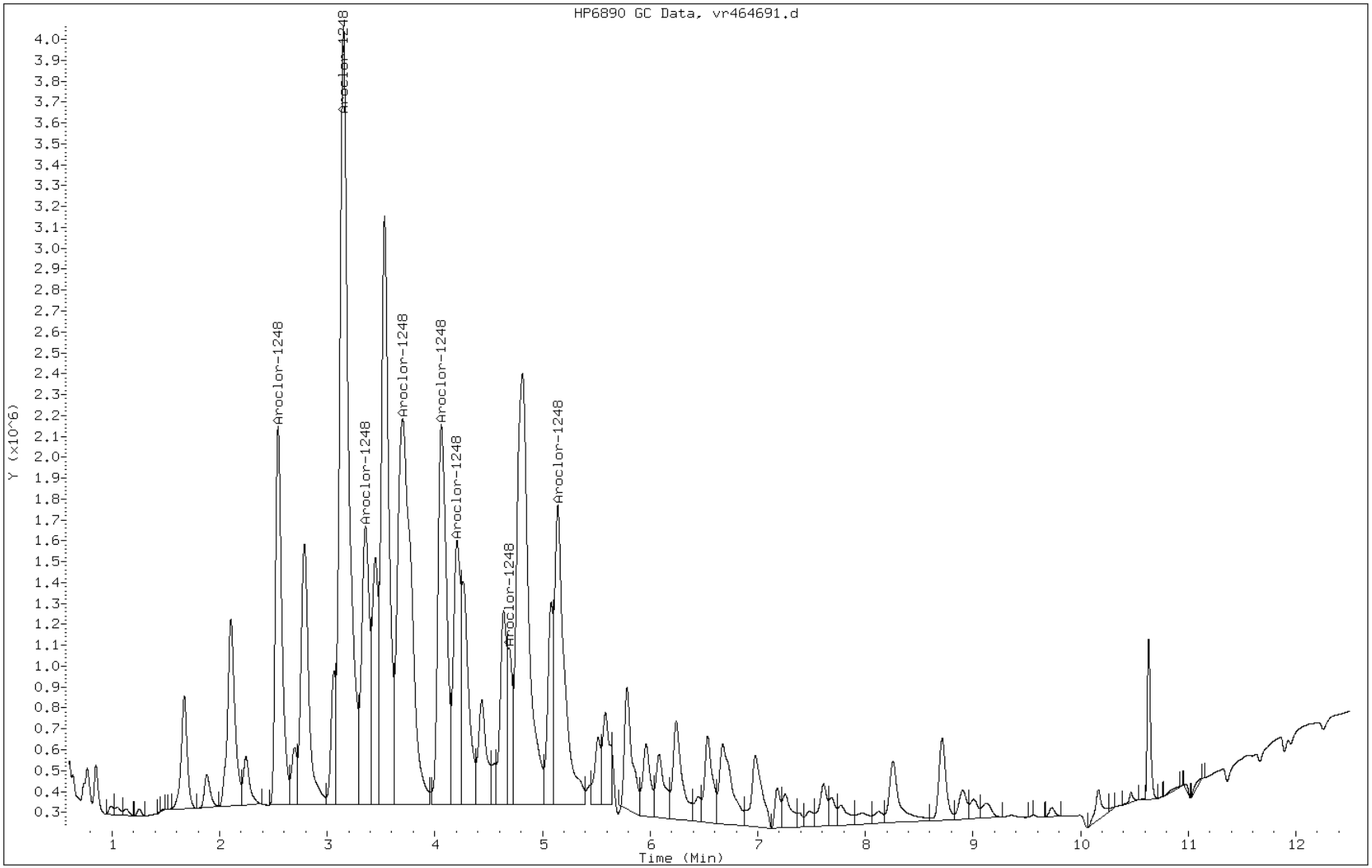
M - Compound response manually integrated.

Data File: vr464691.d

Date: 20-SEP-2011 04:27

Client ID: PMP-22-VS-S (1.5-2. Instrument: PESTGC9.i

Sample Info: 460-30837-F-8-C Operator: 615



Manual Integration Report

Data File: vr464691.d
Inj. Date and Time: 20-SEP-2011 04:27
Instrument ID: PESTGC9.i
Client ID: PMP-22-VS-S (1.5-2.
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 09/20/2011

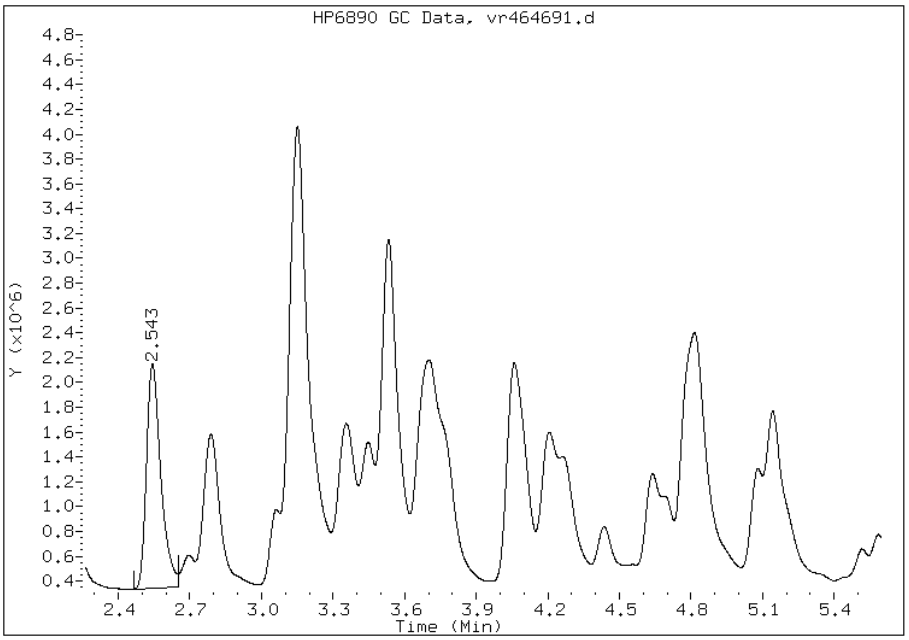
Processing Integration Results

RT: 2.54

Response: 7591544

Amount: 1513.13

Conc: 1100.00



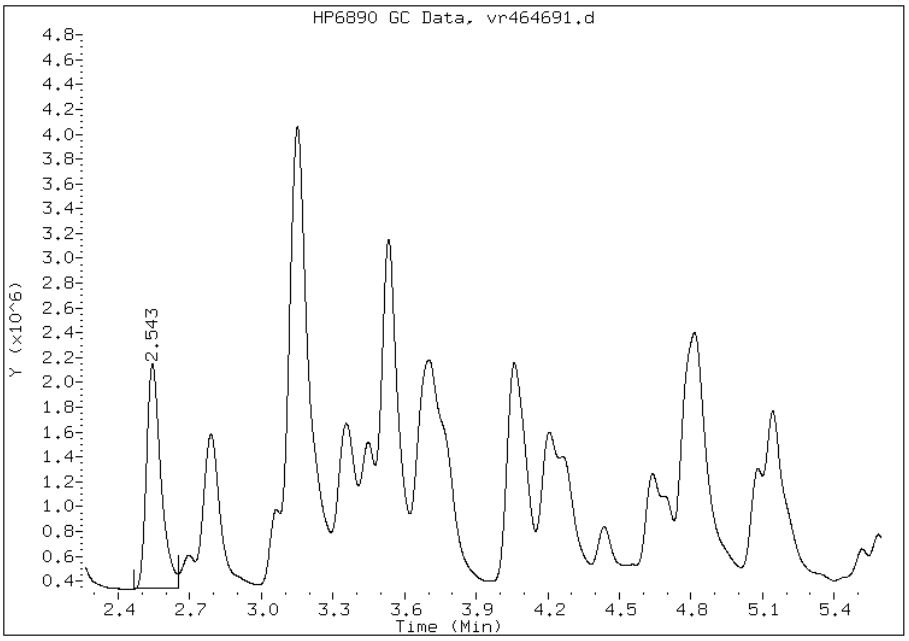
Manual Integration Results

RT: 2.54

Response: 7621723

Amount: 1669.70

Conc: 1200.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-22-VD-S (3.5-5.0) Lab Sample ID: 460-30837-9

Matrix: Solid Lab File ID: vf464526.d

Analysis Method: 8082 Date Collected: 09/08/2011 17:30

Extraction Method: 3541 Date Extracted: 09/14/2011 04:57

Sample wt/vol: 15.04(g) Date Analyzed: 09/15/2011 13:30

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.: 86732 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	1400		70	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	121		30-150

Data File: vf464526.d
Report Date: 18-Sep-2011 17:05

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Sep11/09-15-11/15sep11c.b/vf464526.d
Lab Smp Id: 460-30837-F-9-D Client Smp ID: PMP-22-VD-S (3.5-5.
Inj Date : 15-SEP-2011 13:30
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-30837-F-9-D
Misc Info : 460-30837-F-9-D
Comment   :
Method   : /chem1/PESTGC9.i/8082/front/Sep11/09-15-11/15sep11c.b/08Vf8082.m
Meth Date : 14-Sep-2011 15:38 sita Quant Type: ESTD
Cal Date : 19-AUG-2011 15:08 Cal File: vf463562.d
Als bottle: 36
Dil Factor: 1.00000
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	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.04000	Weight of sample extracted (g)
M	5.16899	% 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		
2.972	2.971	0.001	4198606	2050.54	1400	80.00- 120.00	100.00(MH)
3.658	3.660	-0.002	7734117	1929.67	1400	135.90- 203.85	184.21
4.099	4.104	-0.005	3494693	2094.81	1500	82.04- 123.06	83.23
4.499	4.503	-0.004	14902369	2083.38	1500	292.08- 438.12	354.94
4.744	4.749	-0.005	7101969	2421.21	1700	100.60- 150.90	169.15
4.924	4.930	-0.006	0			78.17- 117.25	0.00
5.775	5.783	-0.008	5884093	2086.88	1500	74.37- 111.56	140.14
6.292	6.301	-0.009	6490457	1716.20	1200	1143.13-1714.69	154.59
Average of Peak Concentrations =					1400		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.569	11.552	0.017	5015219	60.7112	42	80.00- 120.00	100.00

Data File: vf464526.d
Report Date: 18-Sep-2011 17:05

QC Flag Legend

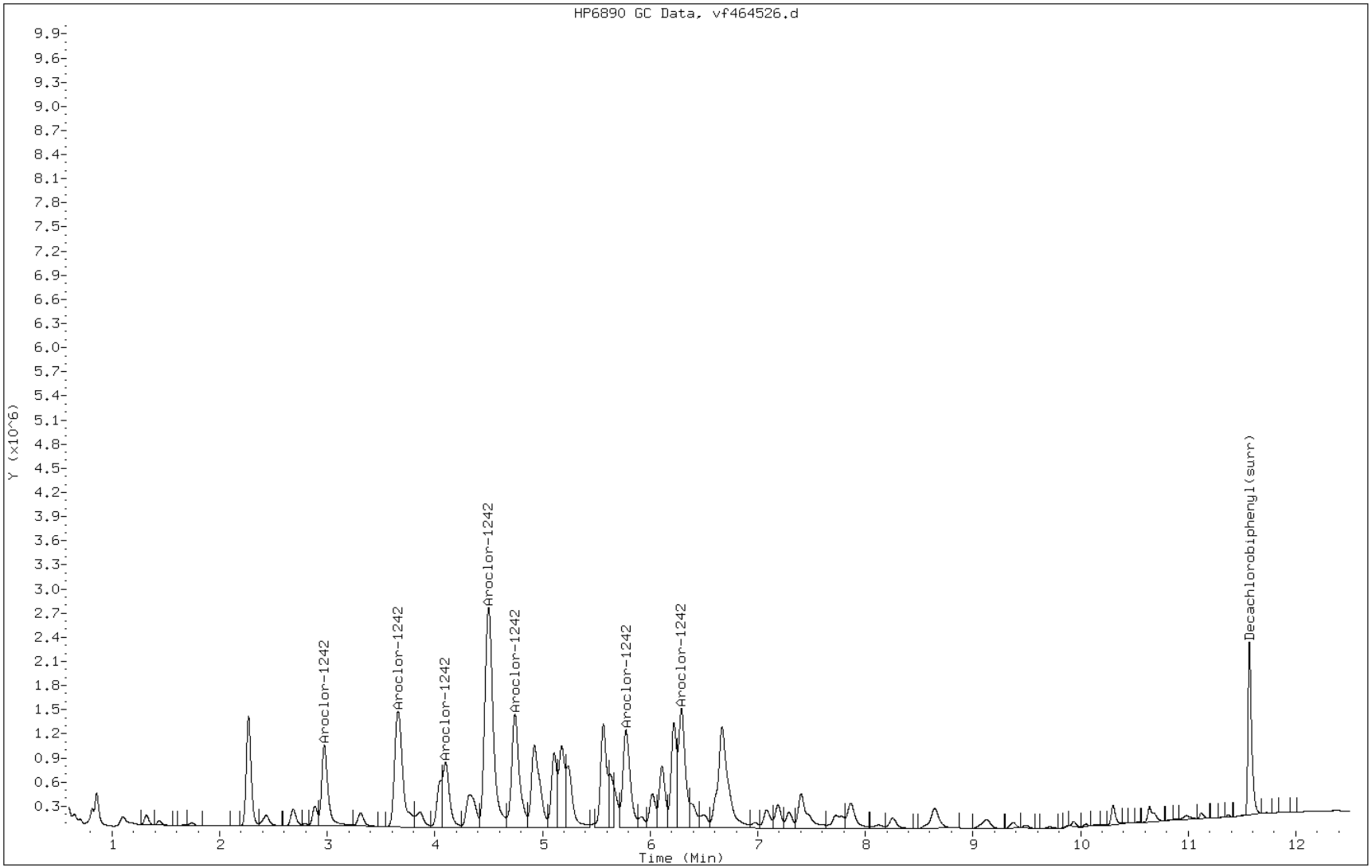
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: vf464526.d

Date: 15-SEP-2011 13:30

Client ID: PMP-22-VD-S (3.5-5. Instrument: PESTGC9.i

Sample Info: 460-30837-F-9-D Operator: 615



Manual Integration Report

Data File: vf464526.d
Inj. Date and Time: 15-SEP-2011 13:30
Instrument ID: PESTGC9.i
Client ID: PMP-22-VD-S (3.5-5.
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 09/20/2011

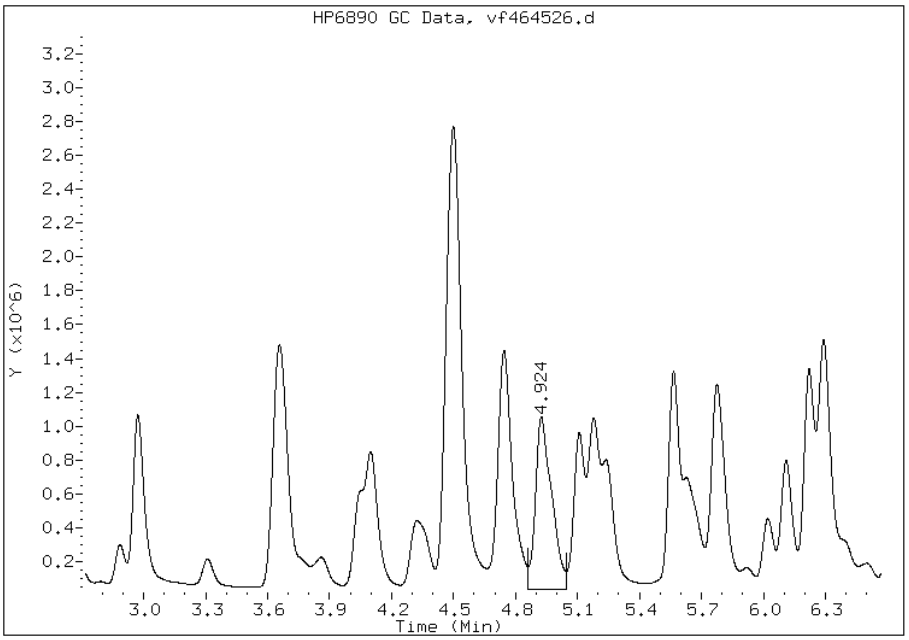
Processing Integration Results

RT: 4.92

Response: 5575981

Amount: 2118.67

Conc: 1500.00



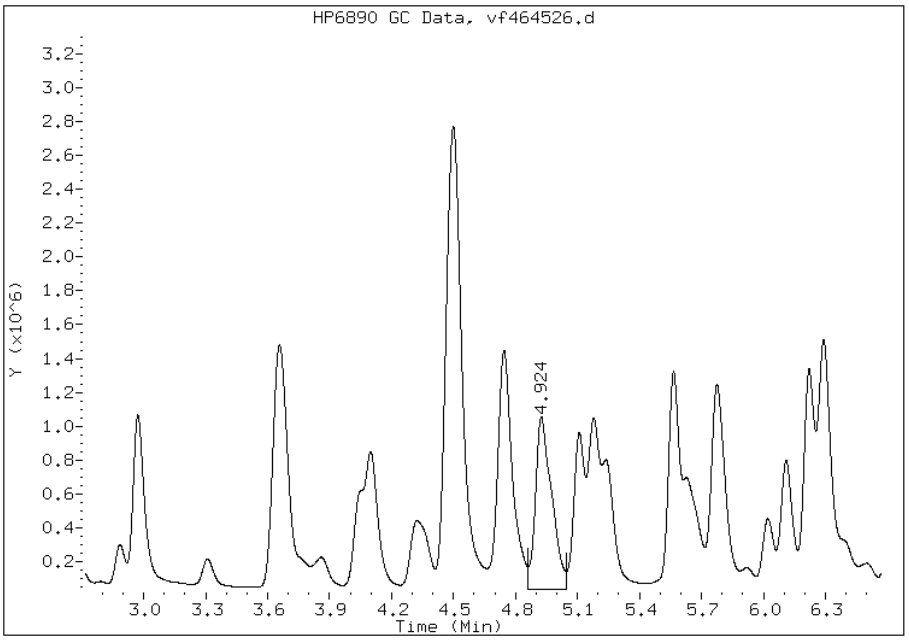
Manual Integration Results

RT: 4.92

Response: 0

Amount: 2054.67

Conc: 1400.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-22-VD-S (3.5-5.0) Lab Sample ID: 460-30837-9

Matrix: Solid Lab File ID: vr464526.d

Analysis Method: 8082 Date Collected: 09/08/2011 17:30

Extraction Method: 3541 Date Extracted: 09/14/2011 04:57

Sample wt/vol: 15.04(g) Date Analyzed: 09/15/2011 13:30

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.: 86732 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	70	U	70	13
11104-28-2	Aroclor 1221	70	U	70	21
11141-16-5	Aroclor 1232	70	U	70	40
12672-29-6	Aroclor 1248	70	U	70	19
11097-69-1	Aroclor 1254	70	U	70	24
11096-82-5	Aroclor 1260	70	U	70	7.9
37324-23-5	Aroclor 1262	70	U	70	12
11100-14-4	Aroclor 1268	70	U	70	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	132		30-150

Data File: vr464526.d
Report Date: 20-Sep-2011 23:38

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Sep11/09-15-11/15sep11c.b/vr464526.d
Lab Smp Id: 460-30837-F-9-D Client Smp ID: PMP-22-VD-S (3.5-5.
Inj Date : 15-SEP-2011 13:30
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-30837-F-9-D
Misc Info : 460-30837-F-9-D
Comment   :
Method   : /chem1/PESTGC9.i/8082/rear/Sep11/09-15-11/15sep11c.b/08Vr8082.m
Meth Date : 17-Sep-2011 00:35 diazc Quant Type: ESTD
Cal Date : 30-AUG-2011 18:17 Cal File: vr463935.d
Als bottle: 36
Dil Factor: 1.00000
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	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.04000	Weight of sample extracted (g)
M	5.16899	% Moisture

Cpnd Variable Local Compound Variable

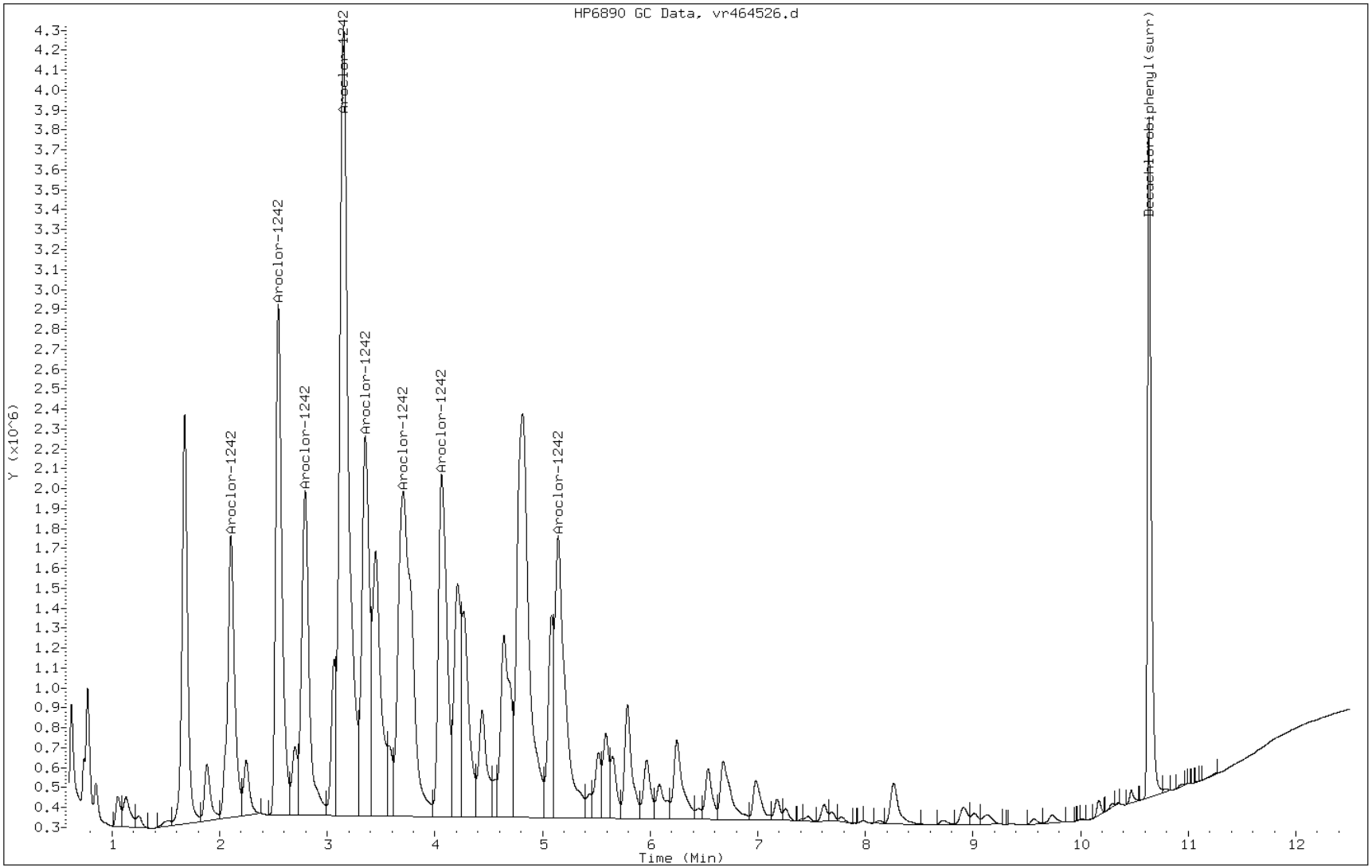
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.104	2.106	-0.002	6493206	1866.09	1300	80.00- 120.00	100.00
2.545	2.546	-0.001	10476231	1915.08	1300	145.11- 217.66	161.34
2.794	2.796	-0.002	8110676	2416.84	1700	106.10- 159.15	124.91
3.150	3.152	-0.002	22737708	1878.60	1300	309.42- 464.12	350.18
3.354	3.355	-0.001	9345301	1981.06	1400	127.34- 191.02	143.92
3.706	3.705	0.001	14680268	2002.14	1400	213.59- 320.38	226.09
4.063	4.063	0.000	9402851	1977.73	1400	127.12- 190.68	144.81
5.146	5.151	-0.005	9457745	2003.84	1400	92.69- 139.03	145.66
Average of Peak Concentrations =					1400		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.635	10.634	0.001	8095393	65.8425	46	80.00- 120.00	100.00

Data File: vr464526.d

Date: 15-SEP-2011 13:30

Client ID: PMP-22-VD-S (3.5-5. Instrument: PESTGC9.i

Sample Info: 460-30837-F-9-D Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-22-WT-S (7.0-8.5) Lab Sample ID: 460-30837-10

Matrix: Solid Lab File ID: vf464527.d

Analysis Method: 8082 Date Collected: 09/08/2011 17:35

Extraction Method: 3541 Date Extracted: 09/14/2011 04:57

Sample wt/vol: 15.02(g) Date Analyzed: 09/15/2011 13:46

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 16.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86732 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	590		80	15

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	91		30-150

Data File: vf464527.d
Report Date: 18-Sep-2011 17:05

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Sep11/09-15-11/15sep11c.b/vf464527.d
Lab Smp Id: 460-30837-F-10-B Client Smp ID: PMP-22-WT-S (7.0-8.
Inj Date : 15-SEP-2011 13:46
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-30837-F-10-B
Misc Info : 460-30837-F-10-B
Comment   :
Method   : /chem1/PESTGC9.i/8082/front/Sep11/09-15-11/15sep11c.b/08Vf8082.m
Meth Date : 14-Sep-2011 15:38 sita Quant Type: ESTD
Cal Date : 19-AUG-2011 15:08 Cal File: vf463562.d
Als bottle: 37
Dil Factor: 1.00000
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	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.02000	Weight of sample extracted (g)
M	16.21094	% Moisture

Cpnd Variable Local Compound Variable

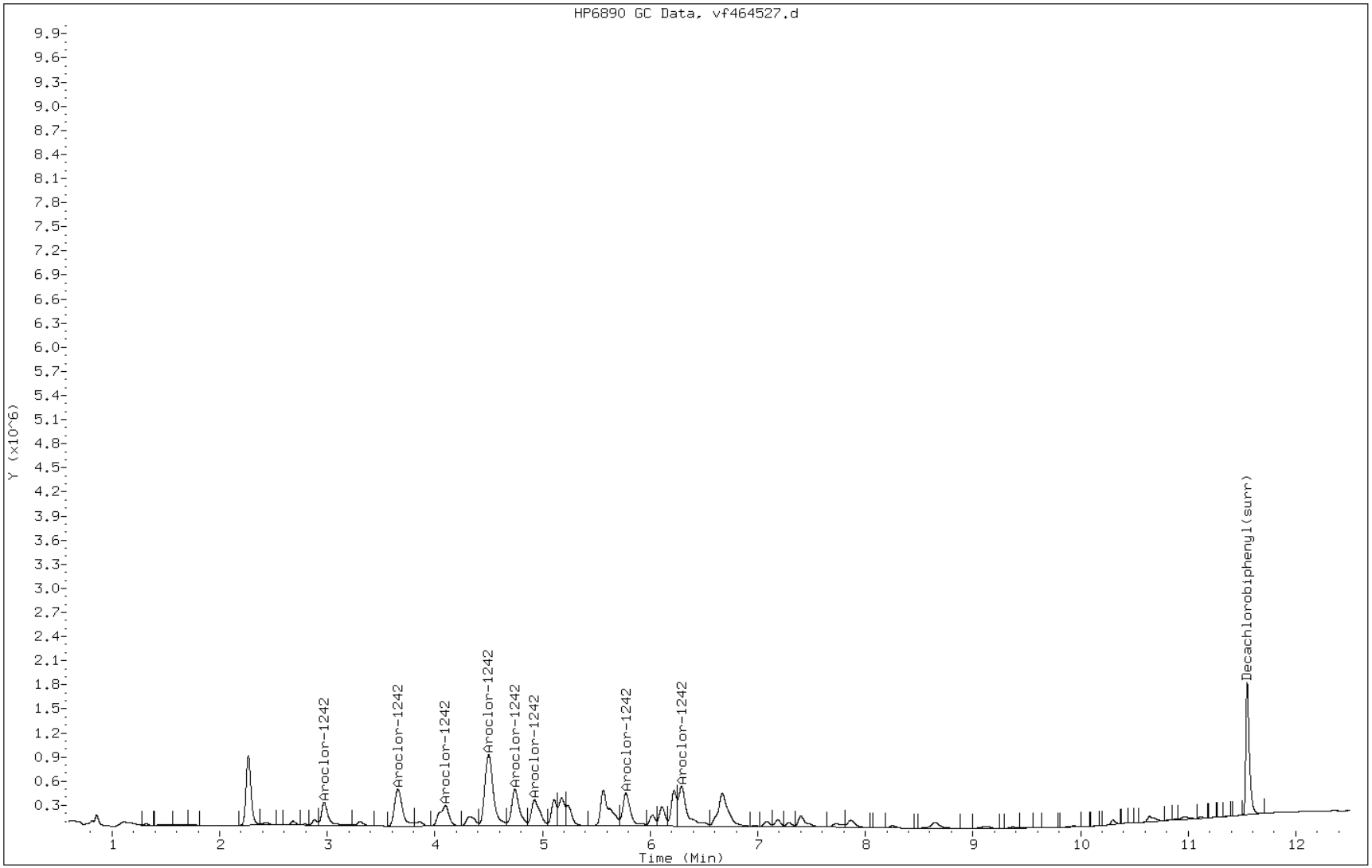
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.971	2.971	0.000	1264718	617.669	490	80.00- 120.00	100.00
3.656	3.660	-0.004	2388496	595.933	470	135.90- 203.85	188.86
4.098	4.104	-0.006	1576558	945.031	750	82.04- 123.06	124.66
4.500	4.503	-0.003	4912052	686.714	540	292.08- 438.12	388.39
4.743	4.749	-0.006	2326372	793.110	630	100.60- 150.90	183.94
4.925	4.930	-0.005	1799401	828.270	660	78.17- 117.25	142.28
5.775	5.783	-0.008	2059776	730.529	580	74.37- 111.56	162.86
6.292	6.301	-0.009	2779410	734.929	580	1143.13-1714.69	219.77
Average of Peak Concentrations =					590		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.548	11.552	-0.004	3775412	45.7028	36	80.00- 120.00	100.00

Data File: vf464527.d

Date: 15-SEP-2011 13:46

Client ID: PMP-22-WT-S (7.0-8. Instrument: PESTGC9.i

Sample Info: 460-30837-F-10-B Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-22-WT-S (7.0-8.5) Lab Sample ID: 460-30837-10

Matrix: Solid Lab File ID: vr464527.d

Analysis Method: 8082 Date Collected: 09/08/2011 17:35

Extraction Method: 3541 Date Extracted: 09/14/2011 04:57

Sample wt/vol: 15.02(g) Date Analyzed: 09/15/2011 13:46

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 16.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86732 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	80	U	80	15
11104-28-2	Aroclor 1221	80	U	80	24
11141-16-5	Aroclor 1232	80	U	80	45
12672-29-6	Aroclor 1248	80	U	80	21
11097-69-1	Aroclor 1254	80	U	80	27
11096-82-5	Aroclor 1260	80	U	80	8.9
37324-23-5	Aroclor 1262	80	U	80	14
11100-14-4	Aroclor 1268	80	U	80	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	101		30-150

Data File: vr464527.d
Report Date: 20-Sep-2011 23:38

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Sep11/09-15-11/15sep11c.b/vr464527.d
Lab Smp Id: 460-30837-F-10-B Client Smp ID: PMP-22-WT-S (7.0-8.
Inj Date : 15-SEP-2011 13:46
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-30837-F-10-B
Misc Info : 460-30837-F-10-B
Comment   :
Method   : /chem1/PESTGC9.i/8082/rear/Sep11/09-15-11/15sep11c.b/08Vr8082.m
Meth Date : 17-Sep-2011 00:35 diazc Quant Type: ESTD
Cal Date : 30-AUG-2011 18:17 Cal File: vr463935.d
Als bottle: 37
Dil Factor: 1.00000
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	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.02000	Weight of sample extracted (g)
M	16.21094	% 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		
2.104	2.106	-0.002	1680887	483.072	380	80.00- 120.00	100.00
2.544	2.546	-0.002	3330318	608.789	480	145.11- 217.66	198.13
2.793	2.796	-0.003	2738349	815.981	650	106.10- 159.15	162.91
3.151	3.152	-0.001	7536224	622.647	490	309.42- 464.12	448.35
3.355	3.355	0.000	3047395	646.001	510	127.34- 191.02	181.30
3.703	3.705	-0.002	4731315	645.270	510	213.59- 320.38	281.48
4.061	4.063	-0.002	3019070	635.010	500	127.12- 190.68	179.61
5.147	5.151	-0.004	2784463	589.953	470	92.69- 139.03	165.65
Average of Peak Concentrations =					500		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.633	10.634	-0.001	6191211	50.3551	40	80.00- 120.00	100.00(H)

Data File: vr464527.d
Report Date: 20-Sep-2011 23:38

QC Flag Legend

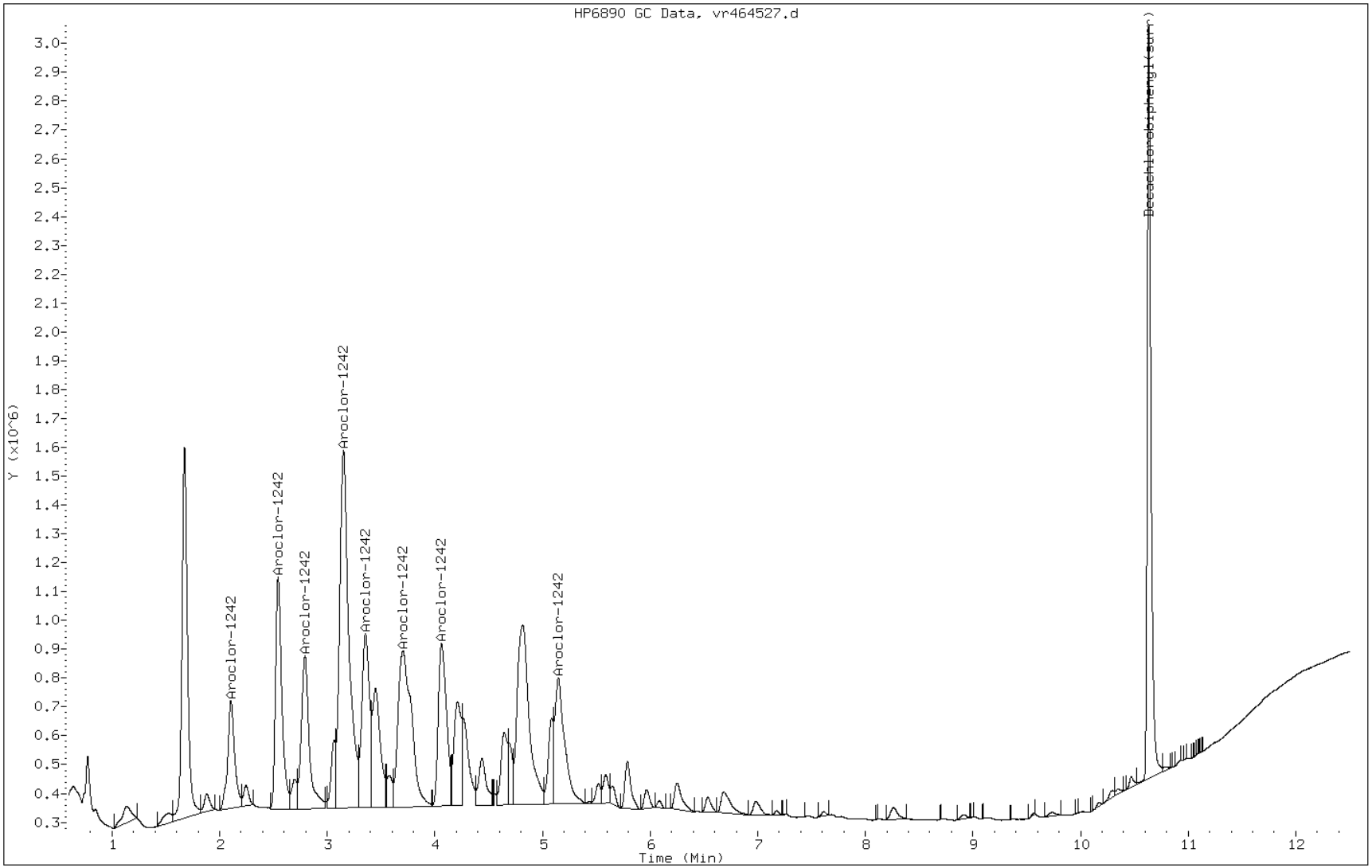
H - Operator selected an alternate compound hit.

Data File: vr464527.d

Date: 15-SEP-2011 13:46

Client ID: PMP-22-WT-S (7.0-8. Instrument: PESTGC9.i

Sample Info: 460-30837-F-10-B Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-23-VS-S (1-3) Lab Sample ID: 460-30837-11

Matrix: Solid Lab File ID: vf464528.d

Analysis Method: 8082 Date Collected: 09/08/2011 17:40

Extraction Method: 3541 Date Extracted: 09/14/2011 04:57

Sample wt/vol: 15.01(g) Date Analyzed: 09/15/2011 14:02

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 4.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86732 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	124		30-150

Data File: vf464528.d
Report Date: 18-Sep-2011 17:07

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Sep11/09-15-11/15sep11c.b/vf464528.d
Lab Smp Id: 460-30837-F-11-B Client Smp ID: PMP-23-VS-S (1-3)
Inj Date : 15-SEP-2011 14:02
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-30837-F-11-B
Misc Info : 460-30837-F-11-B
Comment   :
Method   : /chem1/PESTGC9.i/8082/front/Sep11/09-15-11/15sep11c.b/08Vf8082.m
Meth Date : 14-Sep-2011 15:38 sita Quant Type: ESTD
Cal Date : 19-AUG-2011 15:08 Cal File: vf463562.d
Als bottle: 38
Dil Factor: 1.00000
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	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.01000	Weight of sample extracted (g)
M	4.70588	% 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		
3.657	3.657	0.000	0			80.00- 120.00	0.00(MH)
4.501	4.500	0.001	0			171.94- 257.91	0.00
4.737	4.743	-0.006	3592455	1690.30	1200	59.22- 88.83	36.74
5.110	5.114	-0.004	3988492	1294.23	900	79.42- 119.13	40.79
5.566	5.573	-0.007	5292742	1274.01	890	94.99- 142.49	54.12
5.776	5.782	-0.006	6399056	1440.87	1000	43.78- 65.67	65.44
6.111	6.118	-0.007	2773458	1098.11	770	51.41- 77.12	28.36
6.292	6.298	-0.006	7557259	1282.34	900	672.93-1009.40	77.28
Average of Peak Concentrations =					940		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.547	11.552	-0.005	5125302	62.0438	43	80.00- 120.00	100.00

Data File: vf464528.d
Report Date: 18-Sep-2011 17:07

QC Flag Legend

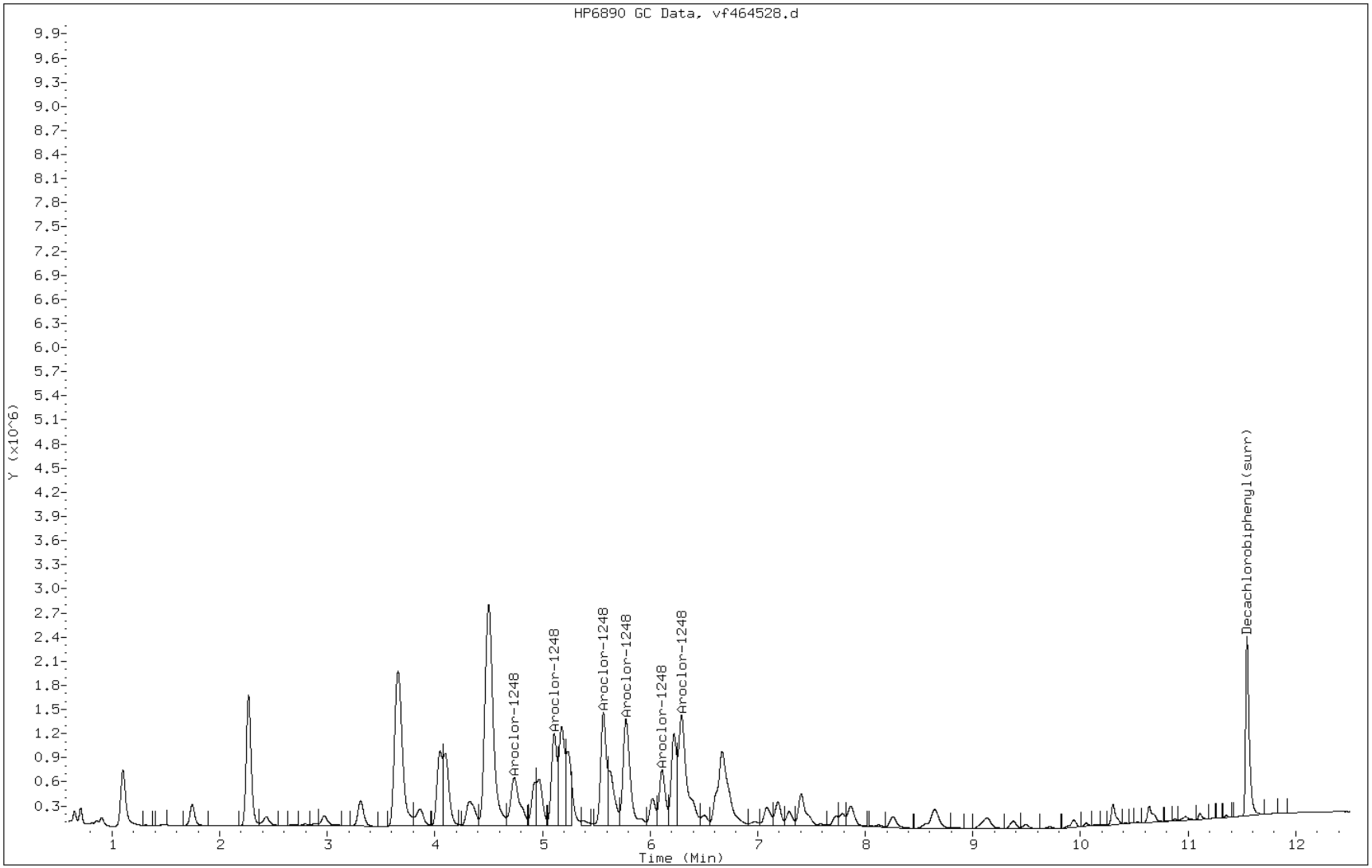
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: vf464528.d

Date: 15-SEP-2011 14:02

Client ID: PMP-23-VS-S (1-3) Instrument: PESTGC9.i

Sample Info: 460-30837-F-11-B Operator: 615



Manual Integration Report

Data File: vf464528.d
Inj. Date and Time: 15-SEP-2011 14:02
Instrument ID: PESTGC9.i
Client ID: PMP-23-VS-S (1-3)
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 09/20/2011

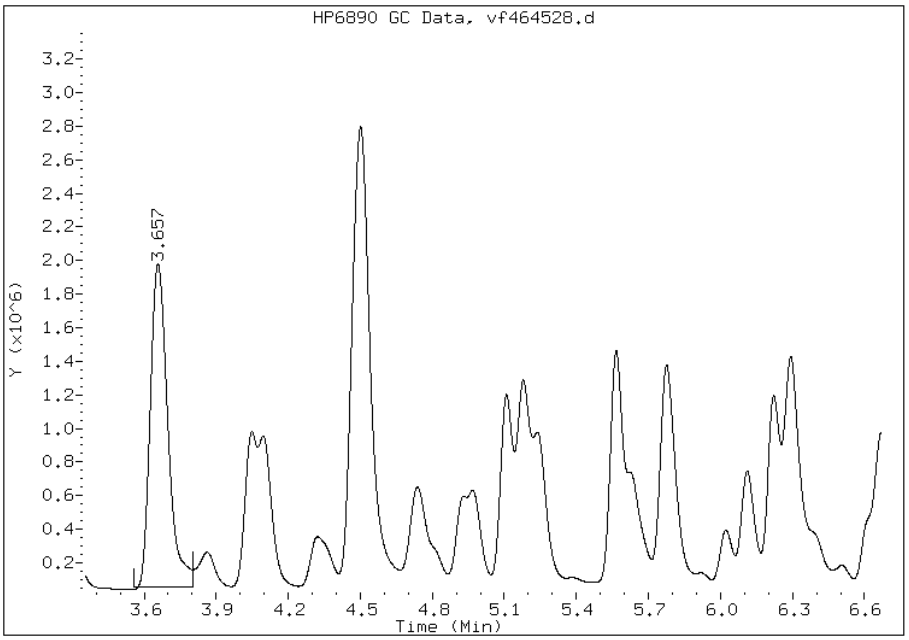
Processing Integration Results

RT: 3.66

Response: 9779198

Amount: 2015.54

Conc: 1400.00



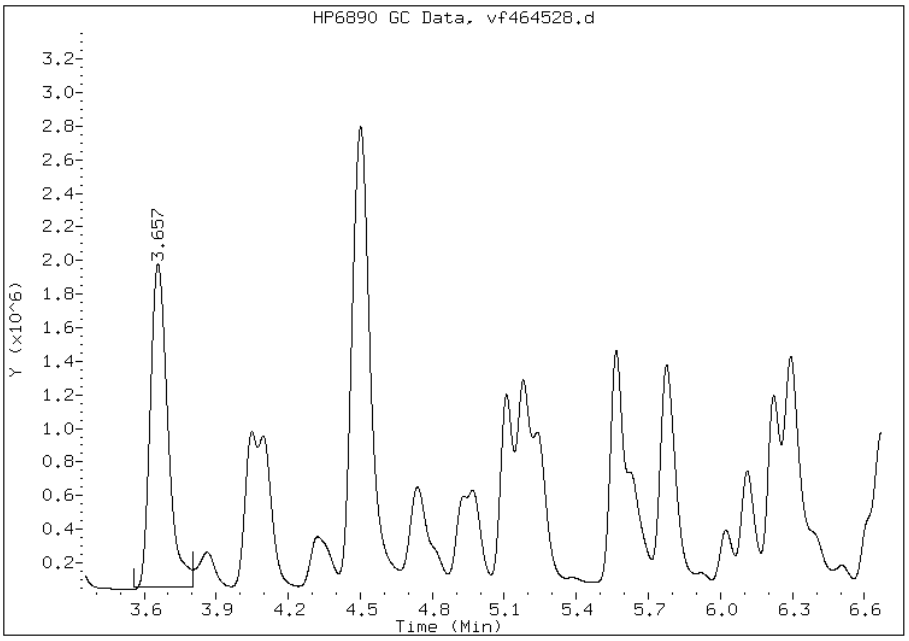
Manual Integration Results

RT: 3.66

Response: 0

Amount: 1346.64

Conc: 940.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-23-VS-S (1-3) Lab Sample ID: 460-30837-11

Matrix: Solid Lab File ID: vr464528.d

Analysis Method: 8082 Date Collected: 09/08/2011 17:40

Extraction Method: 3541 Date Extracted: 09/14/2011 04:57

Sample wt/vol: 15.01(g) Date Analyzed: 09/15/2011 14:02

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 4.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86732 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	70	U	70	13
11104-28-2	Aroclor 1221	70	U	70	21
11141-16-5	Aroclor 1232	70	U	70	40
53469-21-9	Aroclor 1242	70	U	70	13
12672-29-6	Aroclor 1248	1000		70	19
11097-69-1	Aroclor 1254	70	U	70	24
11096-82-5	Aroclor 1260	70	U	70	7.8
37324-23-5	Aroclor 1262	70	U	70	12
11100-14-4	Aroclor 1268	70	U	70	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	133		30-150

Data File: vr464528.d
Report Date: 20-Sep-2011 23:39

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Sep11/09-15-11/15sep11c.b/vr464528.d
Lab Smp Id: 460-30837-F-11-B Client Smp ID: PMP-23-VS-S (1-3)
Inj Date : 15-SEP-2011 14:02
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-30837-F-11-B
Misc Info : 460-30837-F-11-B
Comment   :
Method   : /chem1/PESTGC9.i/8082/rear/Sep11/09-15-11/15sep11c.b/08Vr8082.m
Meth Date : 17-Sep-2011 00:35 diazc Quant Type: ESTD
Cal Date : 30-AUG-2011 18:17 Cal File: vr463935.d
Als bottle: 38
Dil Factor: 1.00000
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	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.01000	Weight of sample extracted (g)
M	4.70588	% Moisture

Cpnd Variable Local Compound Variable

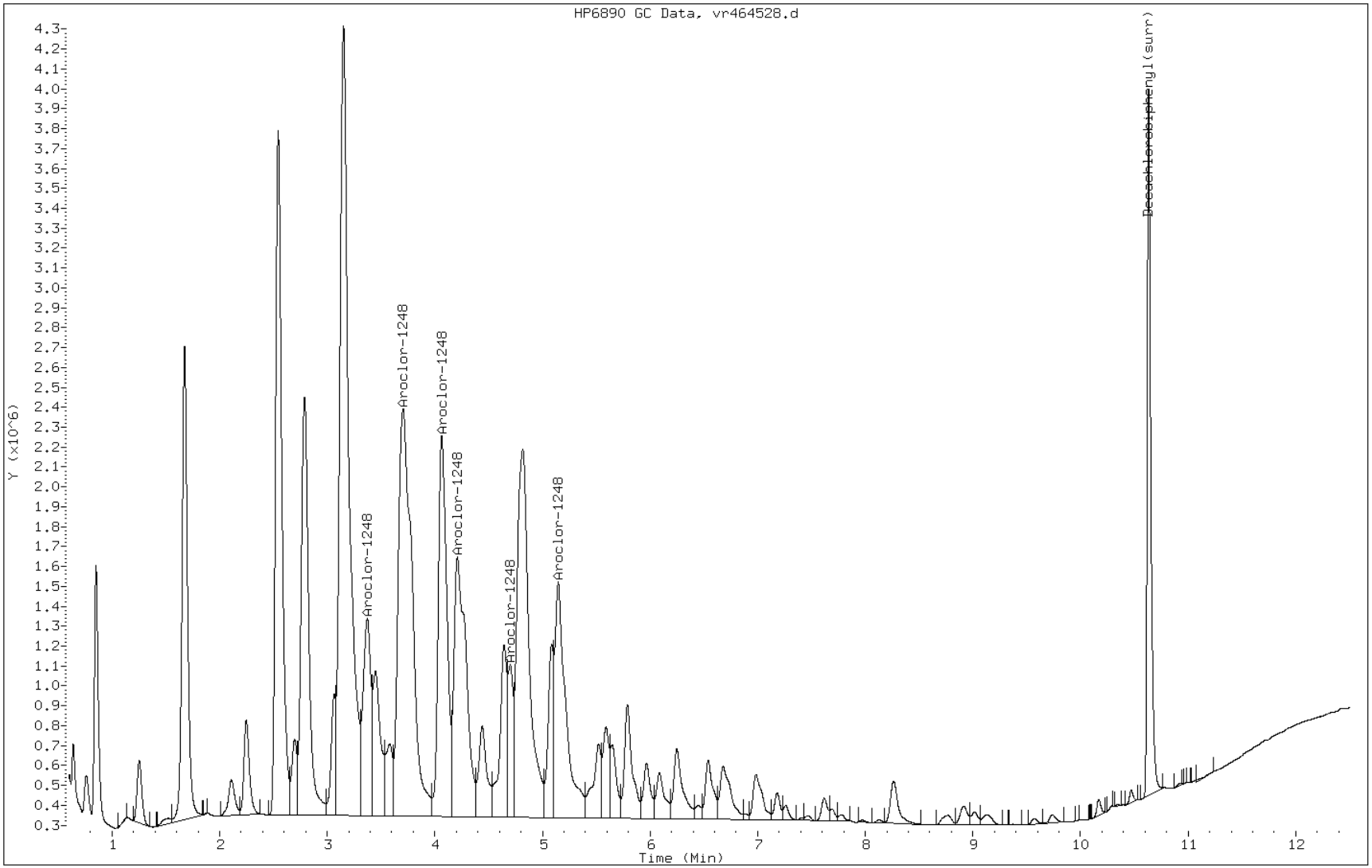
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
2.545	2.546	-0.001	0			80.00- 120.00	0.00
3.152	3.152	0.000	0			170.59- 255.88	0.00
3.373	3.355	0.018	5040760	1700.26	1200	70.21- 105.31	35.92
3.704	3.705	-0.001	18472074	1561.46	1100	117.75- 176.63	131.63
4.064	4.063	0.001	10546290	1395.92	980	70.08- 105.13	75.15
4.210	4.211	-0.001	10328405	2338.23	1600	58.57- 87.85	73.60
4.701	4.708	-0.007	2425558	834.149	580	62.38- 93.56	17.28
5.146	5.151	-0.005	8422603	888.245	620	51.10- 76.65	60.02
Average of Peak Concentrations =					1000		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.633	10.634	-0.001	8148604	66.2752	46	80.00- 120.00	100.00

Data File: vr464528.d

Date: 15-SEP-2011 14:02

Client ID: PMP-23-VS-S (1-3) Instrument: PESTGC9.i

Sample Info: 460-30837-F-11-B Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-23-WT-S (6.5-8.5) Lab Sample ID: 460-30837-12

Matrix: Solid Lab File ID: vf464529.d

Analysis Method: 8082 Date Collected: 09/08/2011 17:50

Extraction Method: 3541 Date Extracted: 09/14/2011 04:57

Sample wt/vol: 15.00(g) Date Analyzed: 09/15/2011 14:18

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 12.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86732 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12672-29-6	Aroclor 1248	160		76	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	96		30-150

Data File: vf464529.d
Report Date: 18-Sep-2011 17:14

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Sep11/09-15-11/15sep11c.b/vf464529.d
Lab Smp Id: 460-30837-F-12-B Client Smp ID: PMP-23-WT-S (6.5-8.
Inj Date : 15-SEP-2011 14:18
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-30837-F-12-B
Misc Info : 460-30837-F-12-B
Comment   :
Method   : /chem1/PESTGC9.i/8082/front/Sep11/09-15-11/15sep11c.b/08Vf8082.m
Meth Date : 14-Sep-2011 15:38 sita Quant Type: ESTD
Cal Date : 19-AUG-2011 15:08 Cal File: vf463562.d
Als bottle: 39
Dil Factor: 1.00000
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	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	12.18638	% 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		
3.660	3.657	0.003	691562	361.896	270	80.00- 120.00	100.00(M)
4.505	4.500	0.005	1610229	318.262	240	171.94- 257.91	232.84
4.745	4.743	0.002	576683	271.337	200	59.22- 88.83	83.39
5.111	5.114	-0.003	441749	143.344	110	79.42- 119.13	63.88
5.567	5.573	-0.006	649914	156.441	120	94.99- 142.49	93.98
5.776	5.782	-0.006	754814	169.961	130	43.78- 65.67	109.15
6.113	6.118	-0.005	337352	133.569	100	51.41- 77.12	48.78
6.295	6.298	-0.003	1072656	182.012	140	672.93-1009.40	155.11
Average of Peak Concentrations =					160		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.549	11.552	-0.003	3956134	47.8905	36	80.00- 120.00	100.00

Data File: vf464529.d
Report Date: 18-Sep-2011 17:14

QC Flag Legend

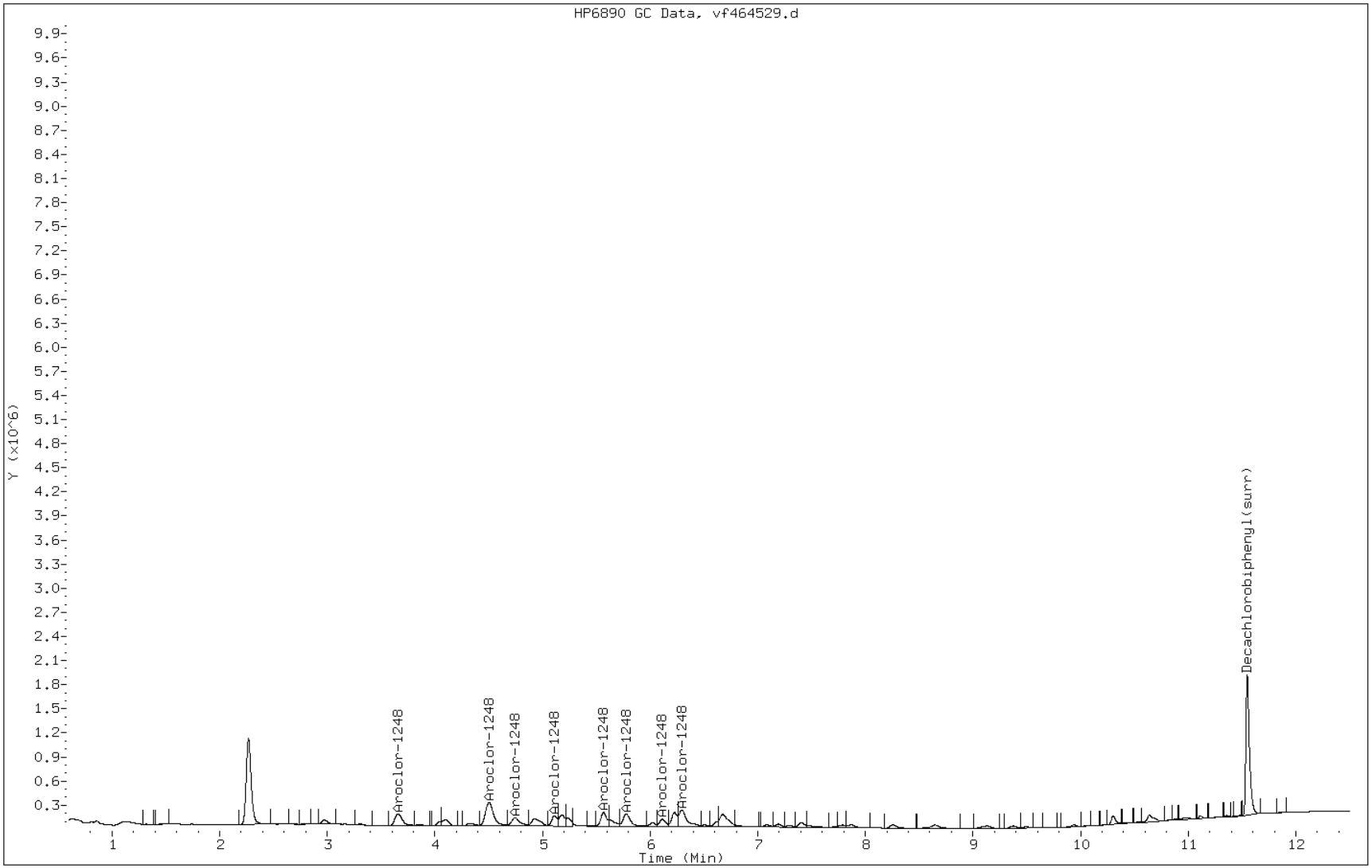
M - Compound response manually integrated.

Data File: vf464529.d

Date: 15-SEP-2011 14:18

Client ID: PMP-23-WT-S (6.5-8. Instrument: PESTGC9.i

Sample Info: 460-30837-F-12-B Operator: 615



Manual Integration Report

Data File: vf464529.d
Inj. Date and Time: 15-SEP-2011 14:18
Instrument ID: PESTGC9.i
Client ID: PMP-23-WT-S (6.5-8.
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 09/20/2011

Processing Integration Results

Not Detected

Expected RT: 3.66

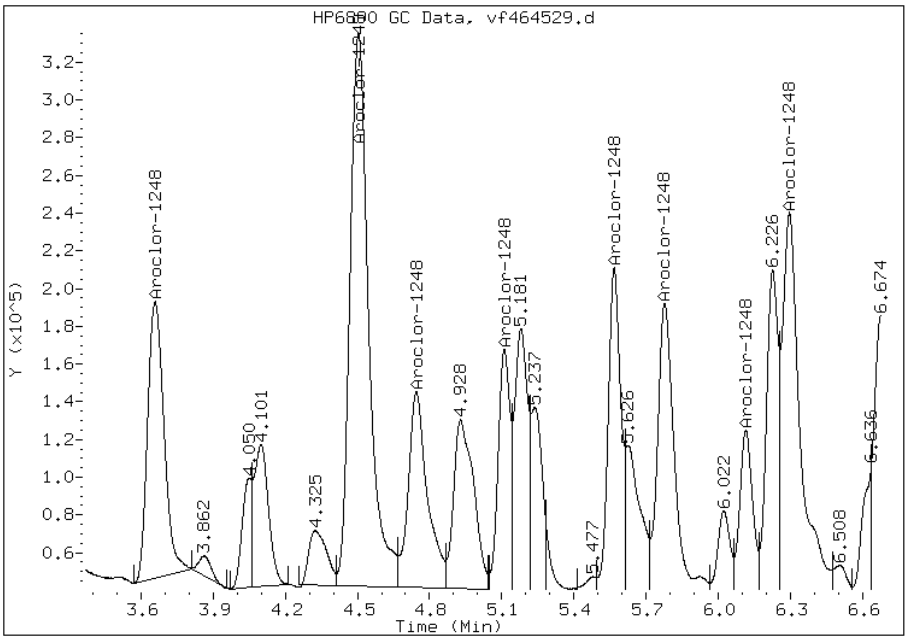
Manual Integration Results

RT: 3.66

Response: 691562

Amount: 217.10

Conc: 160.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-23-WT-S (6.5-8.5) Lab Sample ID: 460-30837-12

Matrix: Solid Lab File ID: vr464529.d

Analysis Method: 8082 Date Collected: 09/08/2011 17:50

Extraction Method: 3541 Date Extracted: 09/14/2011 04:57

Sample wt/vol: 15.00(g) Date Analyzed: 09/15/2011 14:18

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 12.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86732 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	76	U	76	15
11104-28-2	Aroclor 1221	76	U	76	23
11141-16-5	Aroclor 1232	76	U	76	43
53469-21-9	Aroclor 1242	76	U	76	14
11097-69-1	Aroclor 1254	76	U	76	26
11096-82-5	Aroclor 1260	76	U	76	8.5
37324-23-5	Aroclor 1262	76	U	76	13
11100-14-4	Aroclor 1268	76	U	76	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	103		30-150

Data File: vr464529.d
Report Date: 20-Sep-2011 23:39

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Sep11/09-15-11/15sep11c.b/vr464529.d
Lab Smp Id: 460-30837-F-12-B Client Smp ID: PMP-23-WT-S (6.5-8.
Inj Date : 15-SEP-2011 14:18
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-30837-F-12-B
Misc Info : 460-30837-F-12-B
Comment   :
Method   : /chem1/PESTGC9.i/8082/rear/Sep11/09-15-11/15sep11c.b/08Vr8082.m
Meth Date : 17-Sep-2011 00:35 diazc Quant Type: ESTD
Cal Date : 30-AUG-2011 18:17 Cal File: vr463935.d
Als bottle: 39
Dil Factor: 1.00000
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	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	12.18638	% Moisture

Cpnd Variable Local Compound Variable

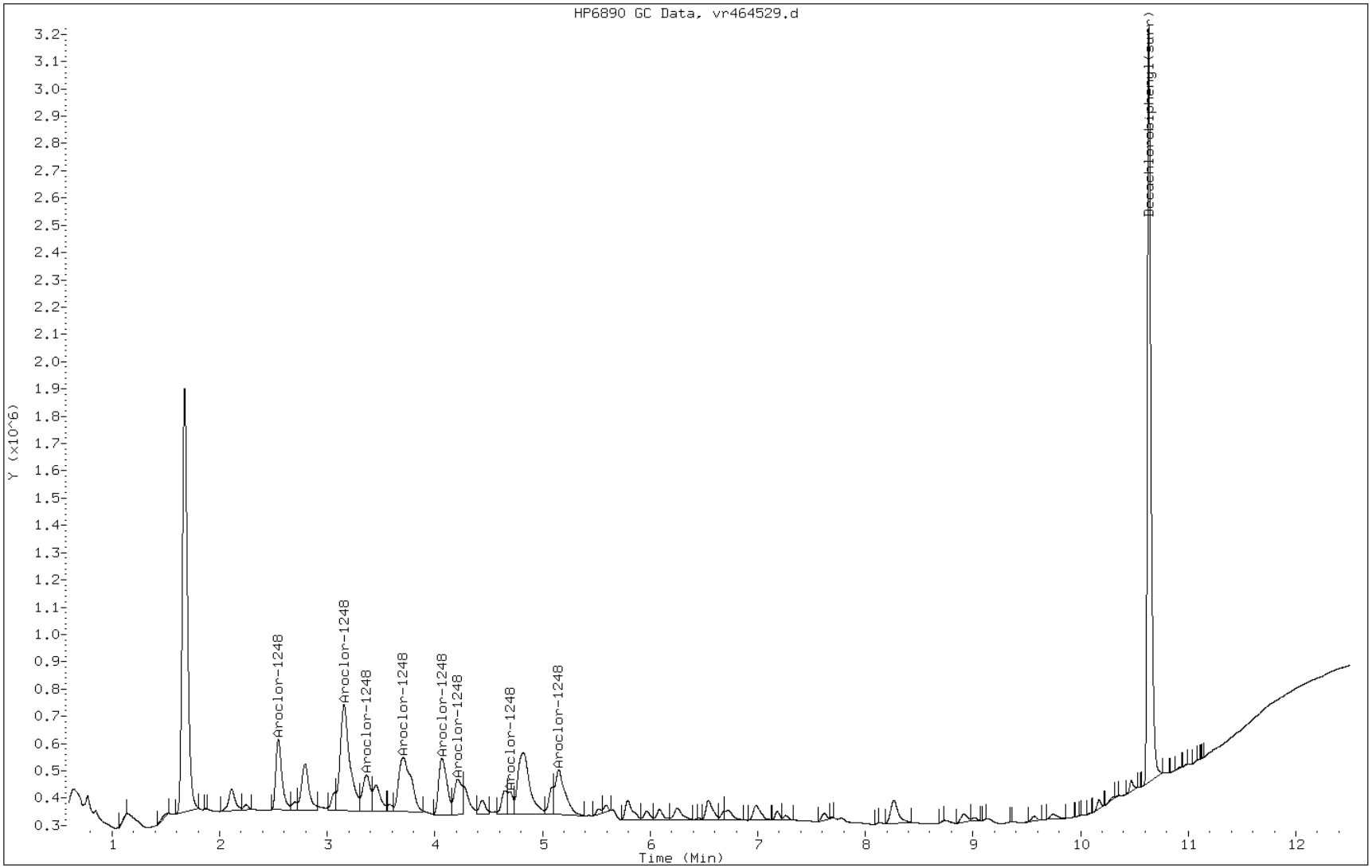
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
2.546	2.546	0.000	1023337	368.588	280	80.00- 120.00	100.00
3.156	3.152	0.004	2418550	288.541	220	170.59- 255.88	236.34
3.362	3.355	0.007	664716	224.211	170	70.21- 105.31	64.96
3.705	3.705	0.000	1598432	135.117	100	117.75- 176.63	156.20
4.065	4.063	0.002	1108227	146.686	110	70.08- 105.13	108.30
4.211	4.211	0.000	635943	143.970	110	58.57- 87.85	62.14
4.696	4.708	-0.012	259192	89.1363	68	62.38- 93.56	25.33
5.151	5.151	0.000	1060120	111.800	85	51.10- 76.65	103.59
Average of Peak Concentrations =					140		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.634	10.634	0.000	6362477	51.7481	39	80.00- 120.00	100.00

Data File: vr464529.d

Date: 15-SEP-2011 14:18

Client ID: PMP-23-WT-S (6.5-8. Instrument: PESTGC9.i

Sample Info: 460-30837-F-12-B Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-23-VD-S (3.5-5.0) Lab Sample ID: 460-30837-13

Matrix: Solid Lab File ID: vf464530.d

Analysis Method: 8082 Date Collected: 09/08/2011 17:45

Extraction Method: 3541 Date Extracted: 09/14/2011 04:57

Sample wt/vol: 15.00(g) Date Analyzed: 09/15/2011 14:33

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 3.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86732 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12672-29-6	Aroclor 1248	120		70	18

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	127		30-150

Data File: vf464530.d
Report Date: 18-Sep-2011 17:16

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Sep11/09-15-11/15sep11c.b/vf464530.d
Lab Smp Id: 460-30837-F-13-B Client Smp ID: PMP-23-VD-S (3.5-5.
Inj Date : 15-SEP-2011 14:33
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-30837-F-13-B
Misc Info : 460-30837-F-13-B
Comment   :
Method   : /chem1/PESTGC9.i/8082/front/Sep11/09-15-11/15sep11c.b/08Vf8082.m
Meth Date : 14-Sep-2011 15:38 sita Quant Type: ESTD
Cal Date : 19-AUG-2011 15:08 Cal File: vf463562.d
Als bottle: 40
Dil Factor: 1.00000
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	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	3.69650	% 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		
3.657	3.657	0.000	676054	353.781	240	80.00- 120.00	100.00(M)
4.502	4.500	0.002	1351776	267.179	180	171.94- 257.91	199.95
4.745	4.743	0.002	649804	305.741	210	59.22- 88.83	96.12
5.110	5.114	-0.004	296410	96.1828	66	79.42- 119.13	43.84
5.565	5.573	-0.008	408788	98.3992	68	94.99- 142.49	60.47
5.776	5.782	-0.006	460449	103.679	72	43.78- 65.67	68.11
6.115	6.118	-0.003	174321	69.0199	48	51.41- 77.12	25.79
6.294	6.298	-0.004	577147	97.9321	68	672.93-1009.40	85.37
Average of Peak Concentrations =					120		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.549	11.552	-0.003	5253959	63.6012	44	80.00- 120.00	100.00

Data File: vf464530.d
Report Date: 18-Sep-2011 17:16

QC Flag Legend

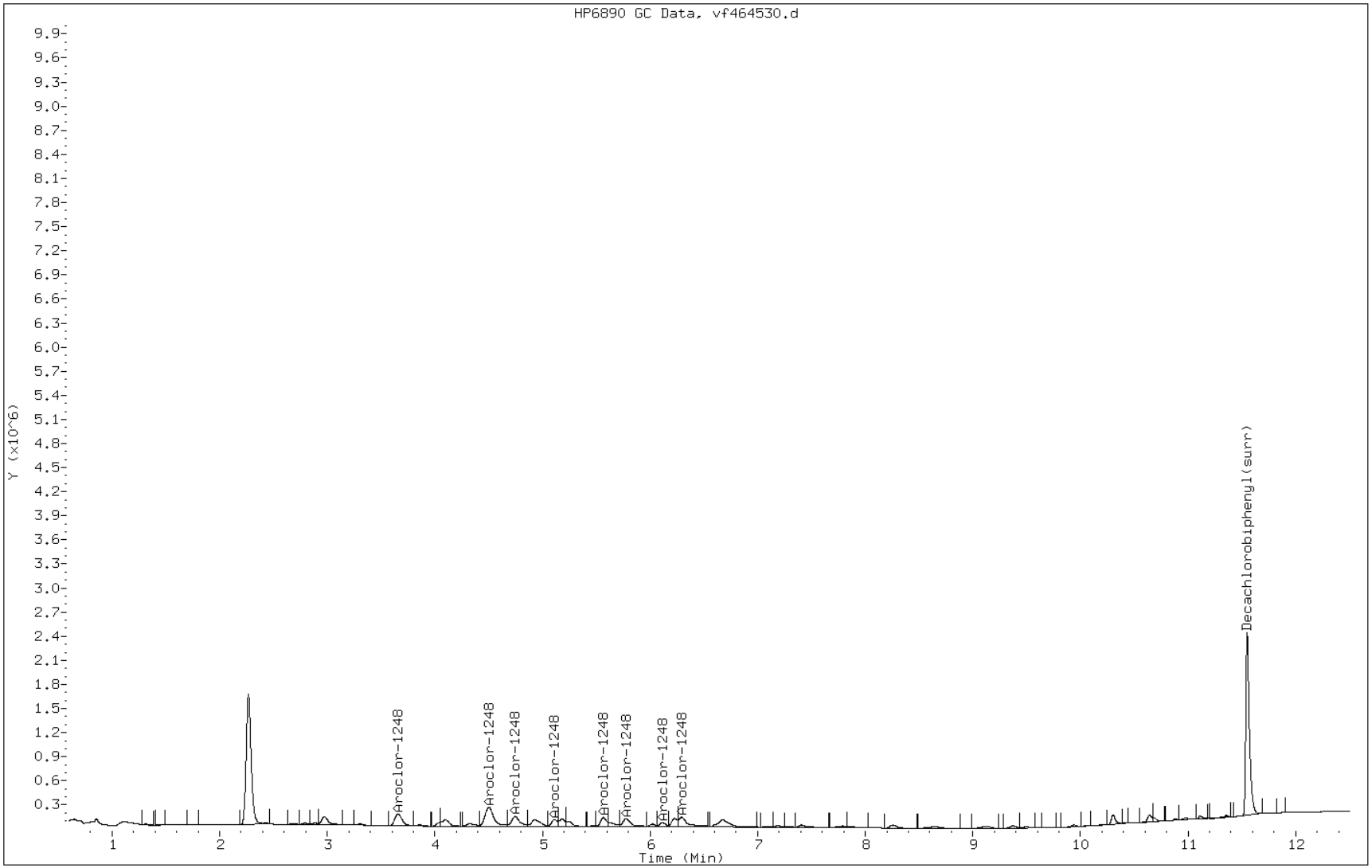
M - Compound response manually integrated.

Data File: vf464530.d

Date: 15-SEP-2011 14:33

Client ID: PMP-23-VD-S (3.5-5. Instrument: PESTGC9.i

Sample Info: 460-30837-F-13-B Operator: 615



Manual Integration Report

Data File: vf464530.d
Inj. Date and Time: 15-SEP-2011 14:33
Instrument ID: PESTGC9.i
Client ID: PMP-23-VD-S (3.5-5.
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 09/20/2011

Processing Integration Results

Not Detected

Expected RT: 3.66

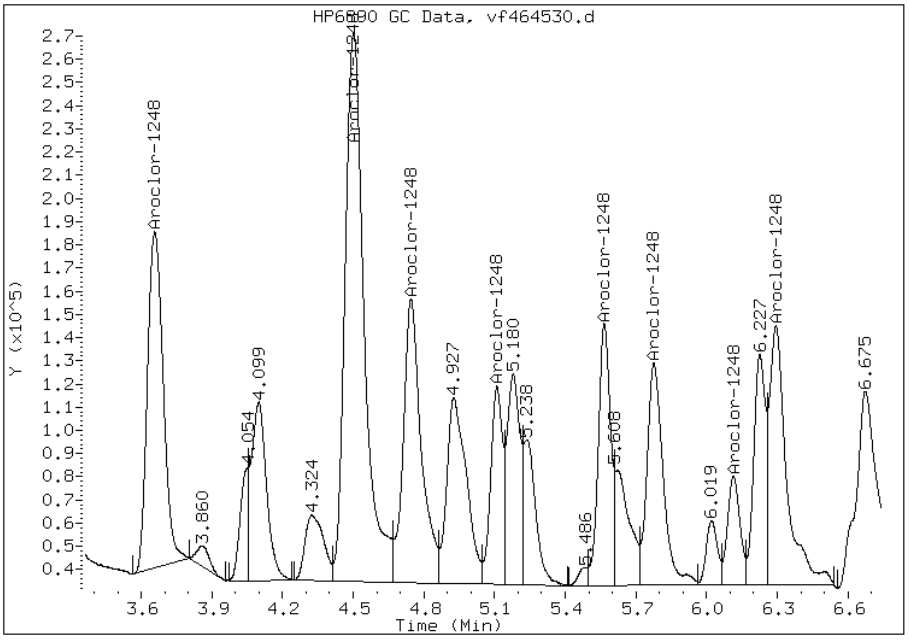
Manual Integration Results

RT: 3.66

Response: 676054

Amount: 173.99

Conc: 120.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-23-VD-S (3.5-5.0) Lab Sample ID: 460-30837-13

Matrix: Solid Lab File ID: vr464530.d

Analysis Method: 8082 Date Collected: 09/08/2011 17:45

Extraction Method: 3541 Date Extracted: 09/14/2011 04:57

Sample wt/vol: 15.00(g) Date Analyzed: 09/15/2011 14:33

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 3.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86732 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	70	U	70	13
11104-28-2	Aroclor 1221	70	U	70	21
11141-16-5	Aroclor 1232	70	U	70	39
53469-21-9	Aroclor 1242	70	U	70	13
11097-69-1	Aroclor 1254	70	U	70	24
11096-82-5	Aroclor 1260	70	U	70	7.8
37324-23-5	Aroclor 1262	70	U	70	12
11100-14-4	Aroclor 1268	70	U	70	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	138		30-150

Data File: vr464530.d
Report Date: 20-Sep-2011 23:40

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Sep11/09-15-11/15sep11c.b/vr464530.d
Lab Smp Id: 460-30837-F-13-B Client Smp ID: PMP-23-VD-S (3.5-5.
Inj Date : 15-SEP-2011 14:33
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-30837-F-13-B
Misc Info : 460-30837-F-13-B
Comment   :
Method   : /chem1/PESTGC9.i/8082/rear/Sep11/09-15-11/15sep11c.b/08Vr8082.m
Meth Date : 17-Sep-2011 00:35 diazc Quant Type: ESTD
Cal Date : 30-AUG-2011 18:17 Cal File: vr463935.d
Als bottle: 40
Dil Factor: 1.00000
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	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	3.69650	% Moisture

Cpnd Variable Local Compound Variable

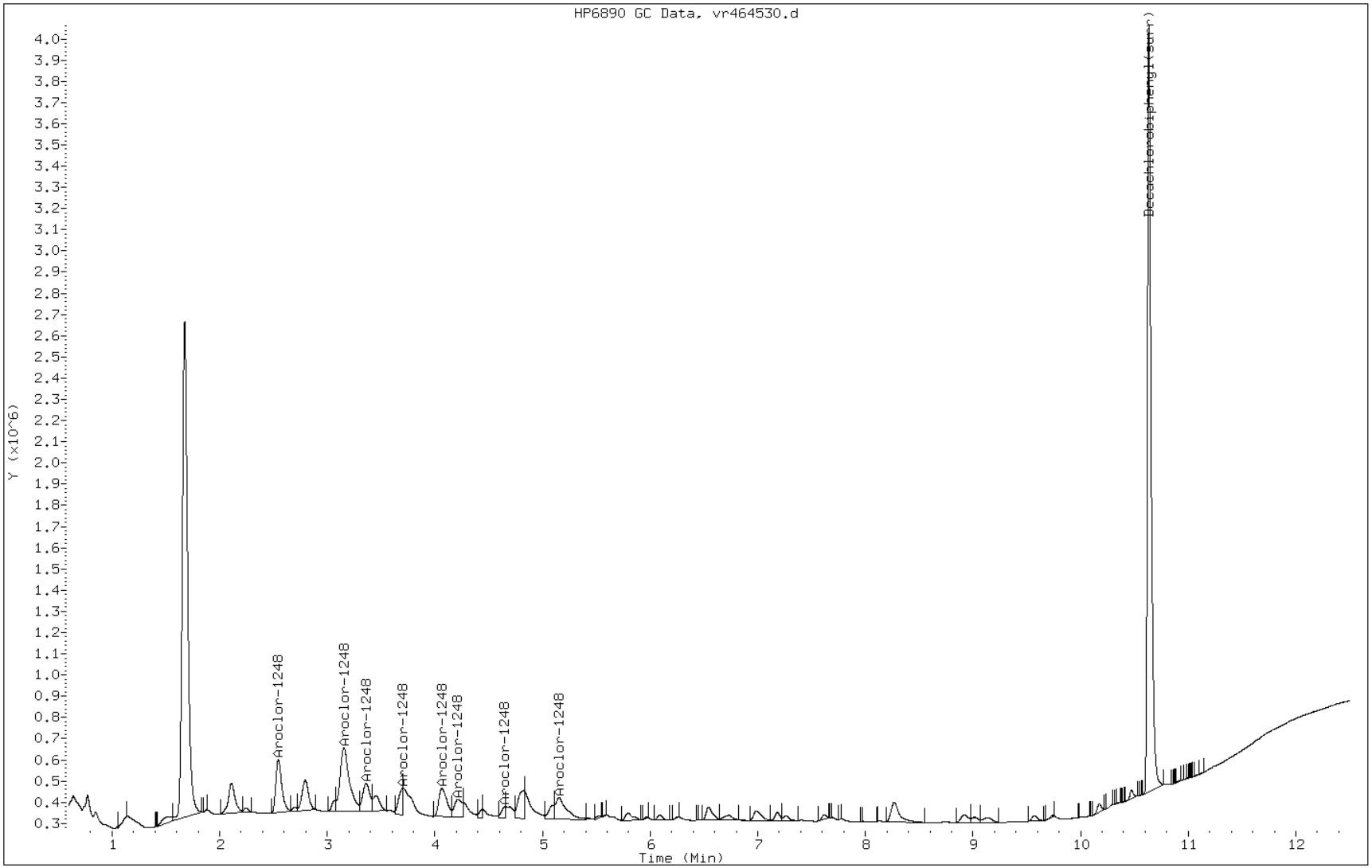
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
2.545	2.546	-0.001	976319	351.653	240	80.00- 120.00	100.00
3.156	3.152	0.004	1817435	216.826	150	170.59- 255.88	186.15
3.359	3.355	0.004	609451	205.570	140	70.21- 105.31	62.42
3.701	3.705	-0.004	332111	28.0737	19	117.75- 176.63	34.02
4.063	4.063	0.000	700196	92.6789	64	70.08- 105.13	71.72
4.213	4.211	0.002	398815	90.2871	62	58.57- 87.85	40.85
4.651	4.708	-0.057	137393	47.2494	33	62.38- 93.56	14.07
5.153	5.151	0.002	754659	79.5861	55	51.10- 76.65	77.30
Average of Peak Concentrations =					96		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.634	10.634	0.000	8479825	68.9692	48	80.00- 120.00	100.00

Data File: vr464530.d

Date: 15-SEP-2011 14:33

Client ID: PMP-23-VD-S (3.5-5. Instrument: PESTGC9.i

Sample Info: 460-30837-F-13-B Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-12-VS-S (0.5-1.0) Lab Sample ID: 460-30837-14

Matrix: Solid Lab File ID: vf464531.d

Analysis Method: 8082 Date Collected: 09/09/2011 09:05

Extraction Method: 3541 Date Extracted: 09/14/2011 04:57

Sample wt/vol: 15.00(g) Date Analyzed: 09/15/2011 14:49

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 5.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86732 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12672-29-6	Aroclor 1248	60	J	71	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	128		30-150

Data File: vf464531.d
Report Date: 18-Sep-2011 17:16

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Sep11/09-15-11/15sep11c.b/vf464531.d
Lab Smp Id: 460-30837-F-14-B Client Smp ID: PMP-12-VS-S (0.5-1.
Inj Date : 15-SEP-2011 14:49
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-30837-F-14-B
Misc Info : 460-30837-F-14-B
Comment   :
Method   : /chem1/PESTGC9.i/8082/front/Sep11/09-15-11/15sep11c.b/08Vf8082.m
Meth Date : 14-Sep-2011 15:38 sita Quant Type: ESTD
Cal Date : 19-AUG-2011 15:08 Cal File: vf463562.d
Als bottle: 41
Dil Factor: 1.00000
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	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	5.79439	% 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		
3.657	3.657	0.000	298205	156.051	110	80.00- 120.00	100.00(M)
4.501	4.500	0.001	642531	126.997	90	171.94- 257.91	215.47
4.744	4.743	0.001	333381	156.860	110	59.22- 88.83	111.80
5.108	5.114	-0.006	144836	46.9985	33	79.42- 119.13	48.57
5.563	5.573	-0.010	188466	45.3658	32	94.99- 142.49	63.20
5.773	5.782	-0.009	245727	55.3304	39	43.78- 65.67	82.40
6.105	6.118	-0.013	107540	42.5788	30	51.41- 77.12	36.06
6.290	6.298	-0.008	310076	52.6148	37	672.93-1009.40	103.98
Average of Peak Concentrations =					60		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.549	11.552	-0.003	5297980	64.1341	45	80.00- 120.00	100.00

Data File: vf464531.d
Report Date: 18-Sep-2011 17:16

QC Flag Legend

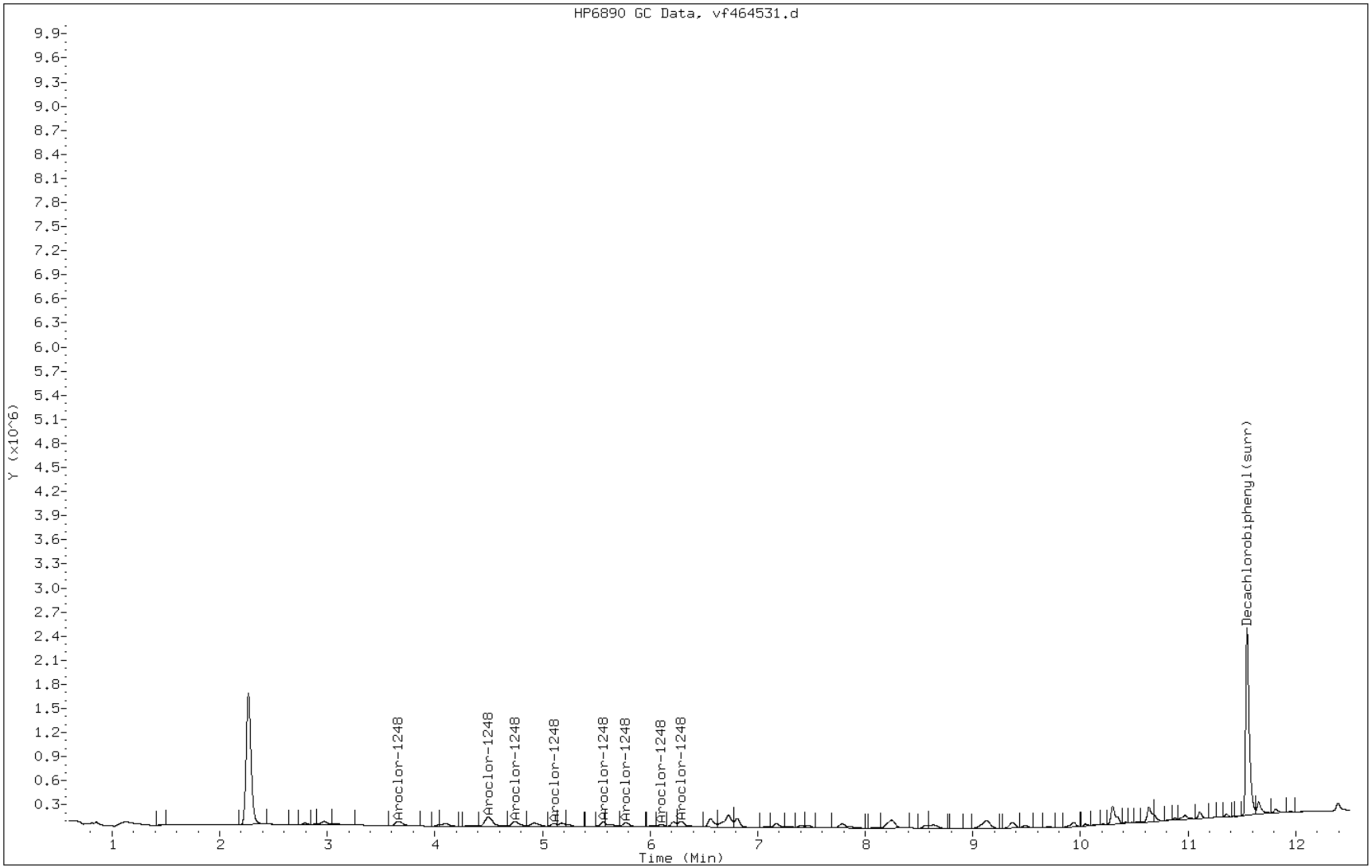
M - Compound response manually integrated.

Data File: vf464531.d

Date: 15-SEP-2011 14:49

Client ID: PMP-12-VS-S (0.5-1. Instrument: PESTGC9.i

Sample Info: 460-30837-F-14-B Operator: 615



Manual Integration Report

Data File: vf464531.d
Inj. Date and Time: 15-SEP-2011 14:49
Instrument ID: PESTGC9.i
Client ID: PMP-12-VS-S (0.5-1.
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 09/20/2011

Processing Integration Results

Not Detected

Expected RT: 3.66

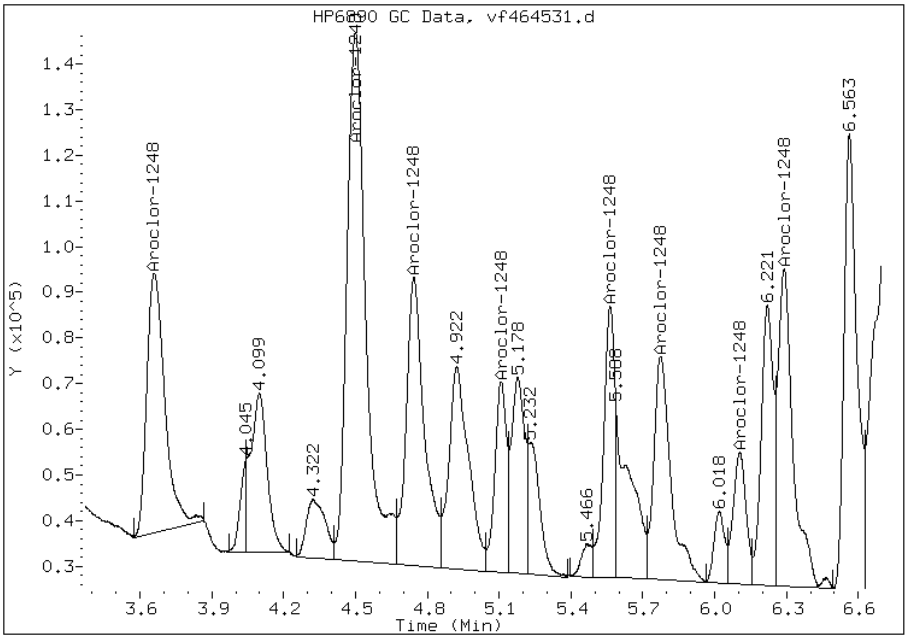
Manual Integration Results

RT: 3.66

Response: 298205

Amount: 85.35

Conc: 60.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-12-VS-S (0.5-1.0) Lab Sample ID: 460-30837-14

Matrix: Solid Lab File ID: vr464531.d

Analysis Method: 8082 Date Collected: 09/09/2011 09:05

Extraction Method: 3541 Date Extracted: 09/14/2011 04:57

Sample wt/vol: 15.00(g) Date Analyzed: 09/15/2011 14:49

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 5.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86732 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	71	U	71	14
11104-28-2	Aroclor 1221	71	U	71	21
11141-16-5	Aroclor 1232	71	U	71	40
53469-21-9	Aroclor 1242	71	U	71	13
11097-69-1	Aroclor 1254	71	U	71	24
11096-82-5	Aroclor 1260	71	U	71	7.9
37324-23-5	Aroclor 1262	71	U	71	12
11100-14-4	Aroclor 1268	71	U	71	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	133		30-150

Data File: vr464531.d
Report Date: 20-Sep-2011 23:40

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Sep11/09-15-11/15sep11c.b/vr464531.d
Lab Smp Id: 460-30837-F-14-B Client Smp ID: PMP-12-VS-S (0.5-1.
Inj Date : 15-SEP-2011 14:49
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-30837-F-14-B
Misc Info : 460-30837-F-14-B
Comment   :
Method   : /chem1/PESTGC9.i/8082/rear/Sep11/09-15-11/15sep11c.b/08Vr8082.m
Meth Date : 17-Sep-2011 00:35 diazc Quant Type: ESTD
Cal Date : 30-AUG-2011 18:17 Cal File: vr463935.d
Als bottle: 41
Dil Factor: 1.00000
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	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	5.79439	% Moisture

Cpnd Variable Local Compound Variable

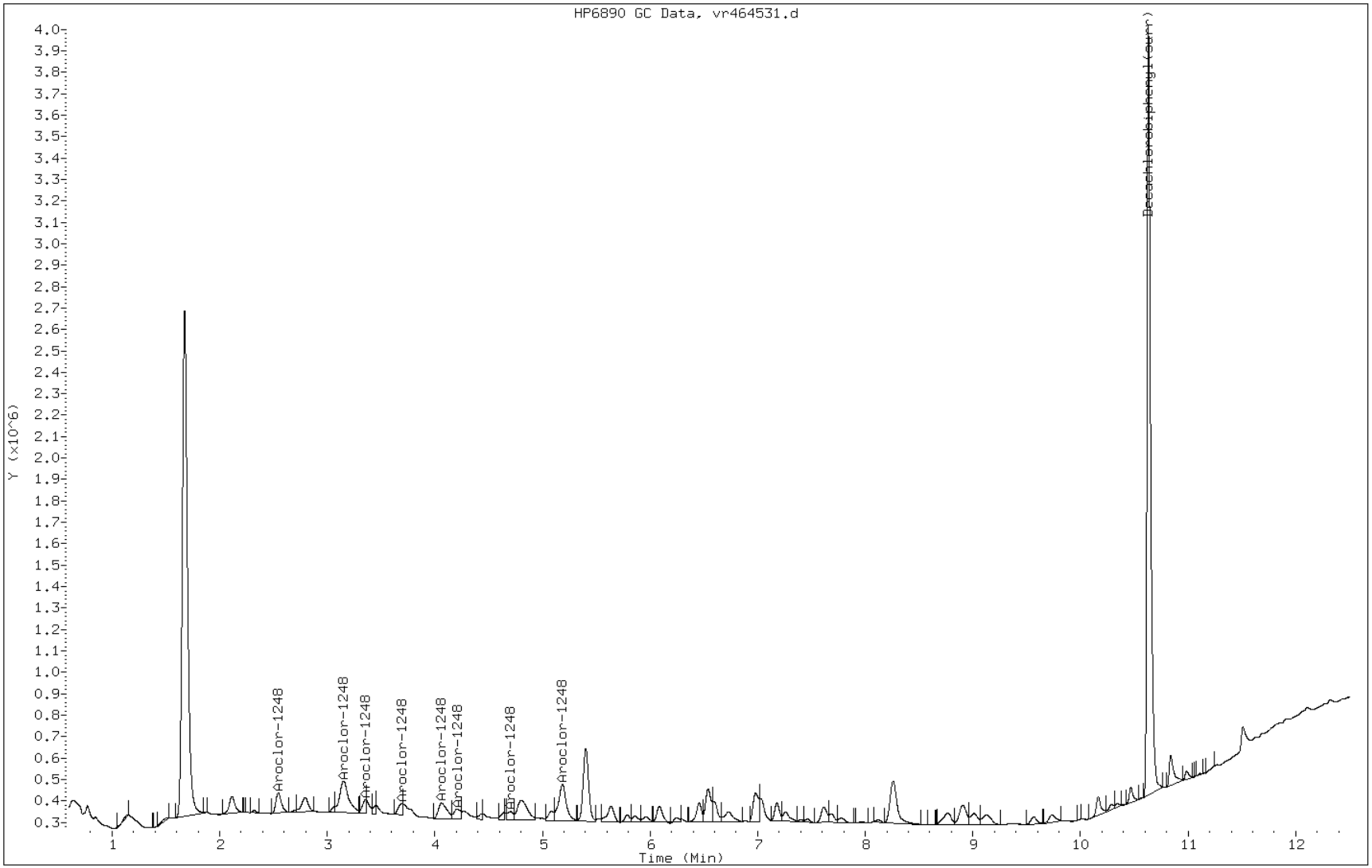
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
2.545	2.546	-0.001	345229	124.346	88	80.00- 120.00	100.00
3.151	3.152	-0.001	871023	103.916	74	170.59- 255.88	252.30
3.354	3.355	-0.001	138906	46.8534	33	70.21- 105.31	40.24
3.696	3.705	-0.009	163393	13.8118	9.8	117.75- 176.63	47.33
4.061	4.063	-0.002	403458	53.4023	38	70.08- 105.13	116.87
4.210	4.211	-0.001	199202	45.0972	32	58.57- 87.85	57.70
4.704	4.708	-0.004	142274	48.9281	35	62.38- 93.56	41.21
5.186	5.151	0.035	866103	91.3389	65	51.10- 76.65	250.88
Average of Peak Concentrations =					47		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.631	10.634	-0.003	8161289	66.3784	47	80.00- 120.00	100.00

Data File: vr464531.d

Date: 15-SEP-2011 14:49

Client ID: PMP-12-VS-S (0.5-1. Instrument: PESTGC9.i

Sample Info: 460-30837-F-14-B Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-12-VD-S (2.5-3.0) Lab Sample ID: 460-30837-15

Matrix: Solid Lab File ID: vf464532.d

Analysis Method: 8082 Date Collected: 09/09/2011 09:10

Extraction Method: 3541 Date Extracted: 09/14/2011 04:57

Sample wt/vol: 15.03(g) Date Analyzed: 09/15/2011 15:05

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.: 86732 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12672-29-6	Aroclor 1248	24	J	70	18

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	131		30-150

Data File: vf464532.d
Report Date: 18-Sep-2011 17:17

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Sep11/09-15-11/15sep11c.b/vf464532.d
Lab Smp Id: 460-30837-F-15-B Client Smp ID: PMP-12-VD-S (2.5-3.
Inj Date : 15-SEP-2011 15:05
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-30837-F-15-B
Misc Info : 460-30837-F-15-B
Comment   :
Method   : /chem1/PESTGC9.i/8082/front/Sep11/09-15-11/15sep11c.b/08Vf8082.m
Meth Date : 14-Sep-2011 15:38 sita Quant Type: ESTD
Cal Date : 19-AUG-2011 15:08 Cal File: vf463562.d
Als bottle: 42
Dil Factor: 1.00000
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	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	3.80228	% 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		
3.656	3.657	-0.001	133765	70.0000	48	80.00- 120.00	100.00(M)
4.497	4.500	-0.003	269226	53.2128	37	171.94- 257.91	201.27
4.745	4.743	0.002	112227	52.8046	36	59.22- 88.83	83.90
5.108	5.114	-0.006	53358	17.3144	12	79.42- 119.13	39.89
5.562	5.573	-0.011	118564	28.5397	20	94.99- 142.49	88.64
5.773	5.782	-0.009	114944	25.8820	18	43.78- 65.67	85.93
6.109	6.118	-0.009	33124	13.1149	9.1	51.41- 77.12	24.76
6.293	6.298	-0.005	112206	19.0396	13	672.93-1009.40	83.88
Average of Peak Concentrations =					24		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.548	11.552	-0.004	5425290	65.6752	45	80.00- 120.00	100.00

Data File: vf464532.d
Report Date: 18-Sep-2011 17:17

QC Flag Legend

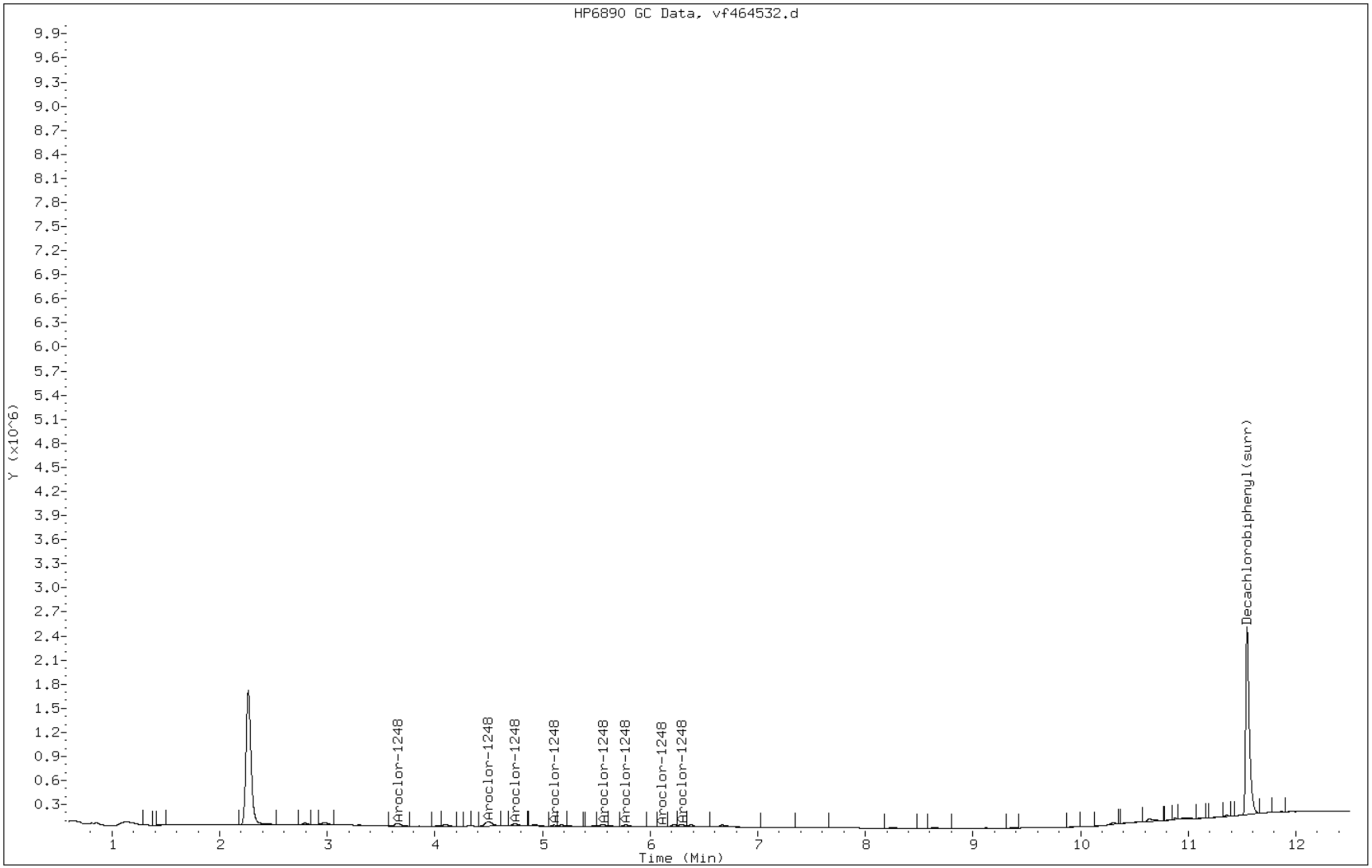
M - Compound response manually integrated.

Data File: vf464532.d

Date: 15-SEP-2011 15:05

Client ID: PMP-12-VD-S (2.5-3. Instrument: PESTGC9.i

Sample Info: 460-30837-F-15-B Operator: 615



Manual Integration Report

Data File: vf464532.d
Inj. Date and Time: 15-SEP-2011 15:05
Instrument ID: PESTGC9.i
Client ID: PMP-12-VD-S (2.5-3.
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 09/20/2011

Processing Integration Results

Not Detected

Expected RT: 3.66

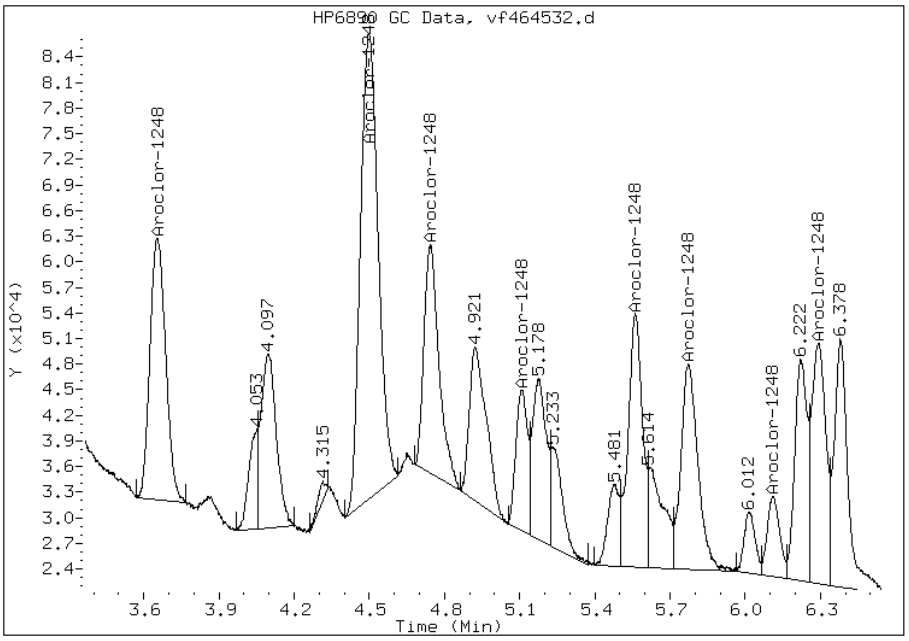
Manual Integration Results

RT: 3.66

Response: 133765

Amount: 34.99

Conc: 24.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-12-VD-S (2.5-3.0) Lab Sample ID: 460-30837-15

Matrix: Solid Lab File ID: vr464532.d

Analysis Method: 8082 Date Collected: 09/09/2011 09:10

Extraction Method: 3541 Date Extracted: 09/14/2011 04:57

Sample wt/vol: 15.03(g) Date Analyzed: 09/15/2011 15:05

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.: 86732 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	70	U	70	13
11104-28-2	Aroclor 1221	70	U	70	21
11141-16-5	Aroclor 1232	70	U	70	39
53469-21-9	Aroclor 1242	70	U	70	13
11097-69-1	Aroclor 1254	70	U	70	24
11096-82-5	Aroclor 1260	70	U	70	7.8
37324-23-5	Aroclor 1262	70	U	70	12
11100-14-4	Aroclor 1268	70	U	70	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	142		30-150

Data File: vr464532.d
Report Date: 20-Sep-2011 23:42

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Sep11/09-15-11/15sep11c.b/vr464532.d
Lab Smp Id: 460-30837-F-15-B Client Smp ID: PMP-12-VD-S (2.5-3.
Inj Date : 15-SEP-2011 15:05
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-30837-F-15-B
Misc Info : 460-30837-F-15-B
Comment   :
Method   : /chem1/PESTGC9.i/8082/rear/Sep11/09-15-11/15sep11c.b/08Vr8082.m
Meth Date : 17-Sep-2011 00:35 diazc Quant Type: ESTD
Cal Date : 30-AUG-2011 18:17 Cal File: vr463935.d
Als bottle: 42
Dil Factor: 1.00000
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	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	3.80228	% Moisture

Cpnd Variable Local Compound Variable

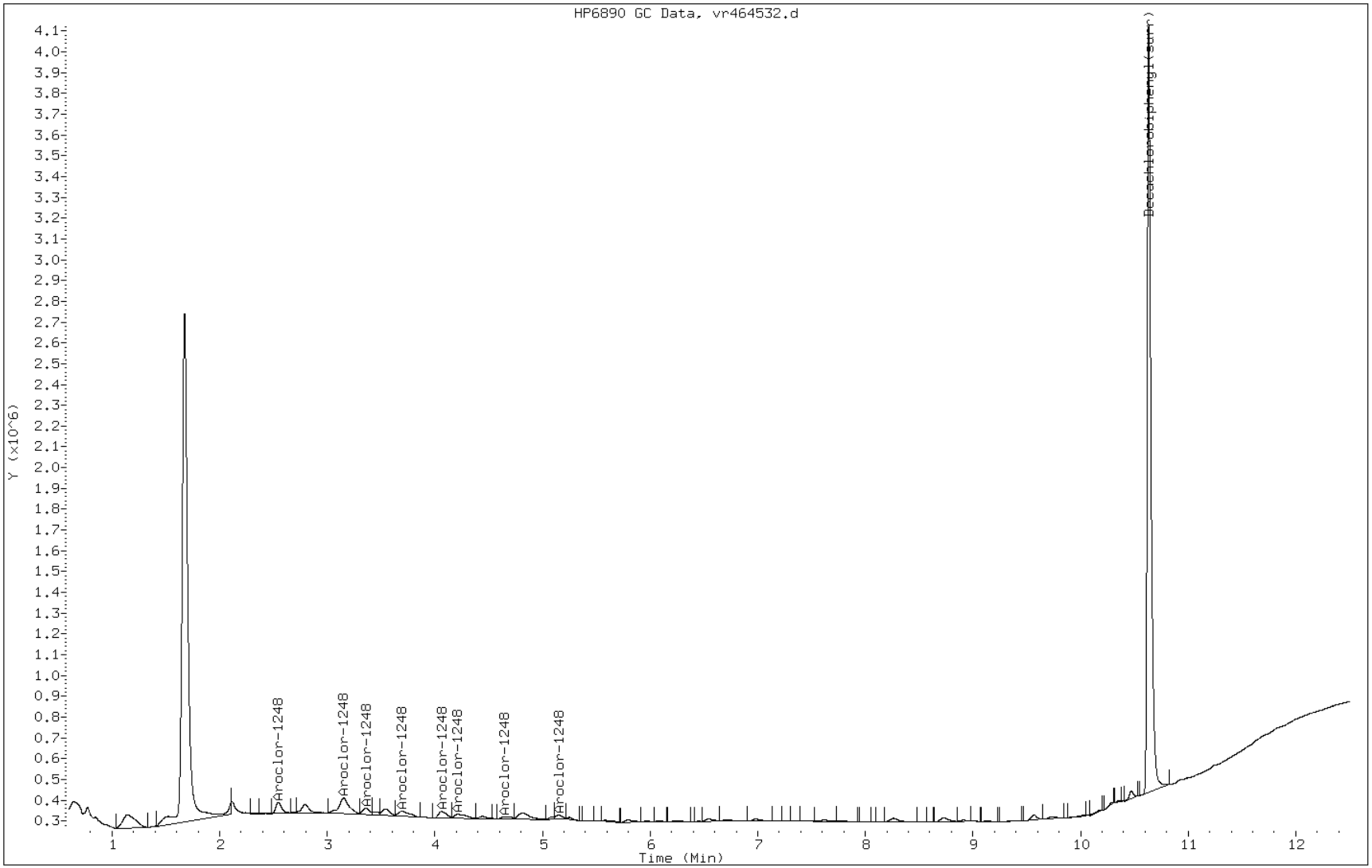
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
2.544	2.546	-0.002	207807	74.8487	52	80.00- 120.00	100.00
3.153	3.152	0.001	499976	59.6489	41	170.59- 255.88	240.60
3.360	3.355	0.005	131320	44.2949	31	70.21- 105.31	63.19
3.694	3.705	-0.011	174200	14.7253	10	117.75- 176.63	83.83
4.064	4.063	0.001	172971	22.8947	16	70.08- 105.13	83.24
4.214	4.211	0.003	150102	33.9814	24	58.57- 87.85	72.23
4.647	4.708	-0.061	59661	20.5174	14	62.38- 93.56	28.71
5.153	5.151	0.002	82539	8.70457	6.0	51.10- 76.65	39.72
			Average of Peak Concentrations =		24		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.633	10.634	-0.001	8740516	71.0894	49	80.00- 120.00	100.00

Data File: vr464532.d

Date: 15-SEP-2011 15:05

Client ID: PMP-12-VD-S (2.5-3. Instrument: PESTGC9.i

Sample Info: 460-30837-F-15-B Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-12-WT-S (7.0-7.5) Lab Sample ID: 460-30837-16

Matrix: Solid Lab File ID: vf464533.d

Analysis Method: 8082 Date Collected: 09/09/2011 09:15

Extraction Method: 3541 Date Extracted: 09/14/2011 04:57

Sample wt/vol: 15.02(g) Date Analyzed: 09/15/2011 15:20

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 11.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86732 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12672-29-6	Aroclor 1248	32	J	76	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	111		30-150

Data File: vf464533.d
Report Date: 18-Sep-2011 17:17

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Sep11/09-15-11/15sep11c.b/vf464533.d
Lab Smp Id: 460-30837-F-16-B Client Smp ID: PMP-12-WT-S (7.0-7.
Inj Date : 15-SEP-2011 15:20
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-30837-F-16-B
Misc Info : 460-30837-F-16-B
Comment   :
Method   : /chem1/PESTGC9.i/8082/front/Sep11/09-15-11/15sep11c.b/08Vf8082.m
Meth Date : 14-Sep-2011 15:38 sita Quant Type: ESTD
Cal Date : 19-AUG-2011 15:08 Cal File: vf463562.d
Als bottle: 43
Dil Factor: 1.00000
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	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.02000	Weight of sample extracted (g)
M	11.89655	% 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		
3.655	3.657	-0.002	141428	74.0096	56	80.00- 120.00	100.00(M)
4.503	4.500	0.003	309731	61.2186	46	171.94- 257.91	219.00
4.744	4.743	0.001	137424	64.6601	49	59.22- 88.83	97.17
5.108	5.114	-0.006	66810	21.6794	16	79.42- 119.13	47.24
5.565	5.573	-0.008	158223	38.0858	29	94.99- 142.49	111.88
5.776	5.782	-0.006	143442	32.2989	24	43.78- 65.67	101.42
6.115	6.118	-0.003	47393	18.7647	14	51.41- 77.12	33.51
6.295	6.298	-0.003	152139	25.8154	20	672.93-1009.40	107.57
		Average of Peak Concentrations =			32		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.546	11.552	-0.006	4597571	55.6554	42	80.00- 120.00	100.00

Data File: vf464533.d
Report Date: 18-Sep-2011 17:17

QC Flag Legend

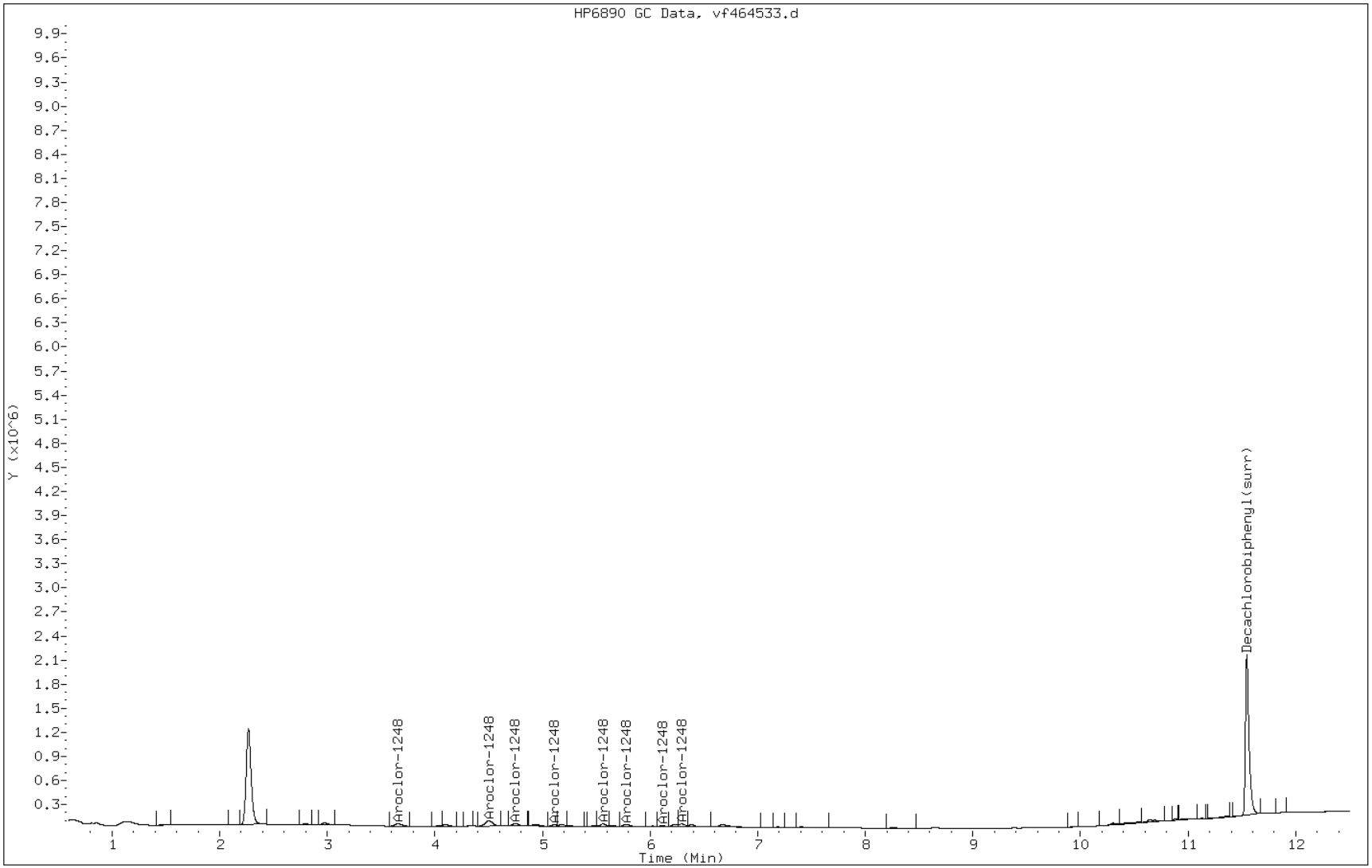
M - Compound response manually integrated.

Data File: vf464533.d

Date: 15-SEP-2011 15:20

Client ID: PMP-12-WT-S (7.0-7. Instrument: PESTGC9.i

Sample Info: 460-30837-F-16-B Operator: 615



Manual Integration Report

Data File: vf464533.d
Inj. Date and Time: 15-SEP-2011 15:20
Instrument ID: PESTGC9.i
Client ID: PMP-12-WT-S (7.0-7.
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 09/20/2011

Processing Integration Results

Not Detected

Expected RT: 3.66

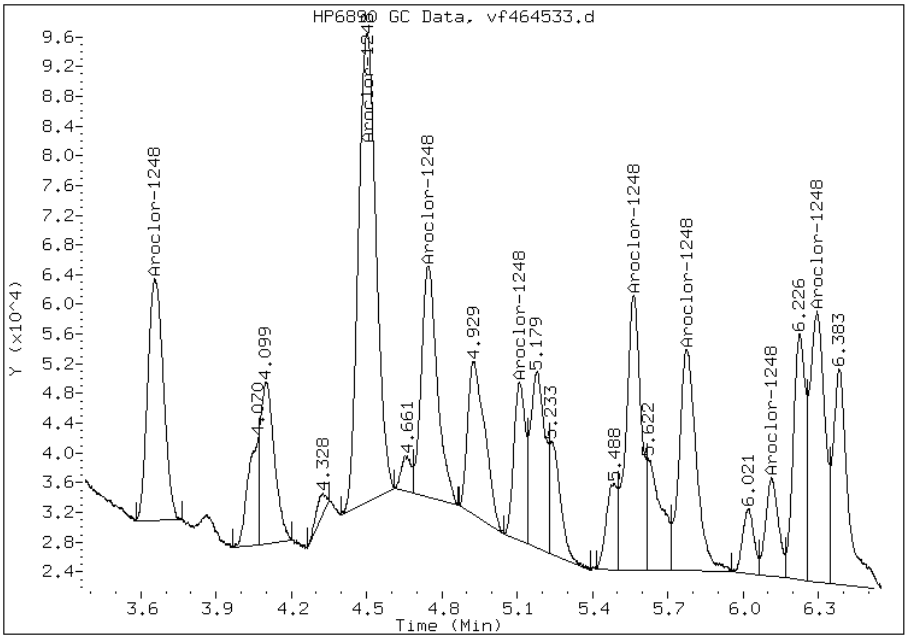
Manual Integration Results

RT: 3.65

Response: 141428

Amount: 42.07

Conc: 32.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-12-WT-S (7.0-7.5) Lab Sample ID: 460-30837-16

Matrix: Solid Lab File ID: vr464533.d

Analysis Method: 8082 Date Collected: 09/09/2011 09:15

Extraction Method: 3541 Date Extracted: 09/14/2011 04:57

Sample wt/vol: 15.02(g) Date Analyzed: 09/15/2011 15:20

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 11.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86732 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	76	U	76	15
11104-28-2	Aroclor 1221	76	U	76	23
11141-16-5	Aroclor 1232	76	U	76	43
53469-21-9	Aroclor 1242	76	U	76	14
11097-69-1	Aroclor 1254	76	U	76	26
11096-82-5	Aroclor 1260	76	U	76	8.5
37324-23-5	Aroclor 1262	76	U	76	13
11100-14-4	Aroclor 1268	76	U	76	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	121		30-150

Data File: vr464533.d
Report Date: 20-Sep-2011 23:43

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Sep11/09-15-11/15sep11c.b/vr464533.d
Lab Smp Id: 460-30837-F-16-B Client Smp ID: PMP-12-WT-S (7.0-7.
Inj Date : 15-SEP-2011 15:20
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-30837-F-16-B
Misc Info : 460-30837-F-16-B
Comment   :
Method   : /chem1/PESTGC9.i/8082/rear/Sep11/09-15-11/15sep11c.b/08Vr8082.m
Meth Date : 17-Sep-2011 00:35 diazc Quant Type: ESTD
Cal Date : 30-AUG-2011 18:17 Cal File: vr463935.d
Als bottle: 43
Dil Factor: 1.00000
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	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.02000	Weight of sample extracted (g)
M	11.89655	% 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		
2.546	2.546	0.000	208922	75.2503	57	80.00- 120.00	100.00(M)
3.156	3.152	0.004	482706	57.5885	44	170.59- 255.88	231.05
3.361	3.355	0.006	132724	44.7684	34	70.21- 105.31	63.53
3.701	3.705	-0.004	205302	17.3544	13	117.75- 176.63	98.27
4.063	4.063	0.000	210353	27.8427	21	70.08- 105.13	100.68
4.211	4.211	0.000	104627	23.6865	18	58.57- 87.85	50.08
4.653	4.708	-0.055	114216	39.2791	30	62.38- 93.56	54.67
5.155	5.151	0.004	157681	16.6290	12	51.10- 76.65	75.47
Average of Peak Concentrations =					28		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.634	10.634	0.000	7417595	60.3297	46	80.00- 120.00	100.00

Data File: vr464533.d
Report Date: 20-Sep-2011 23:43

QC Flag Legend

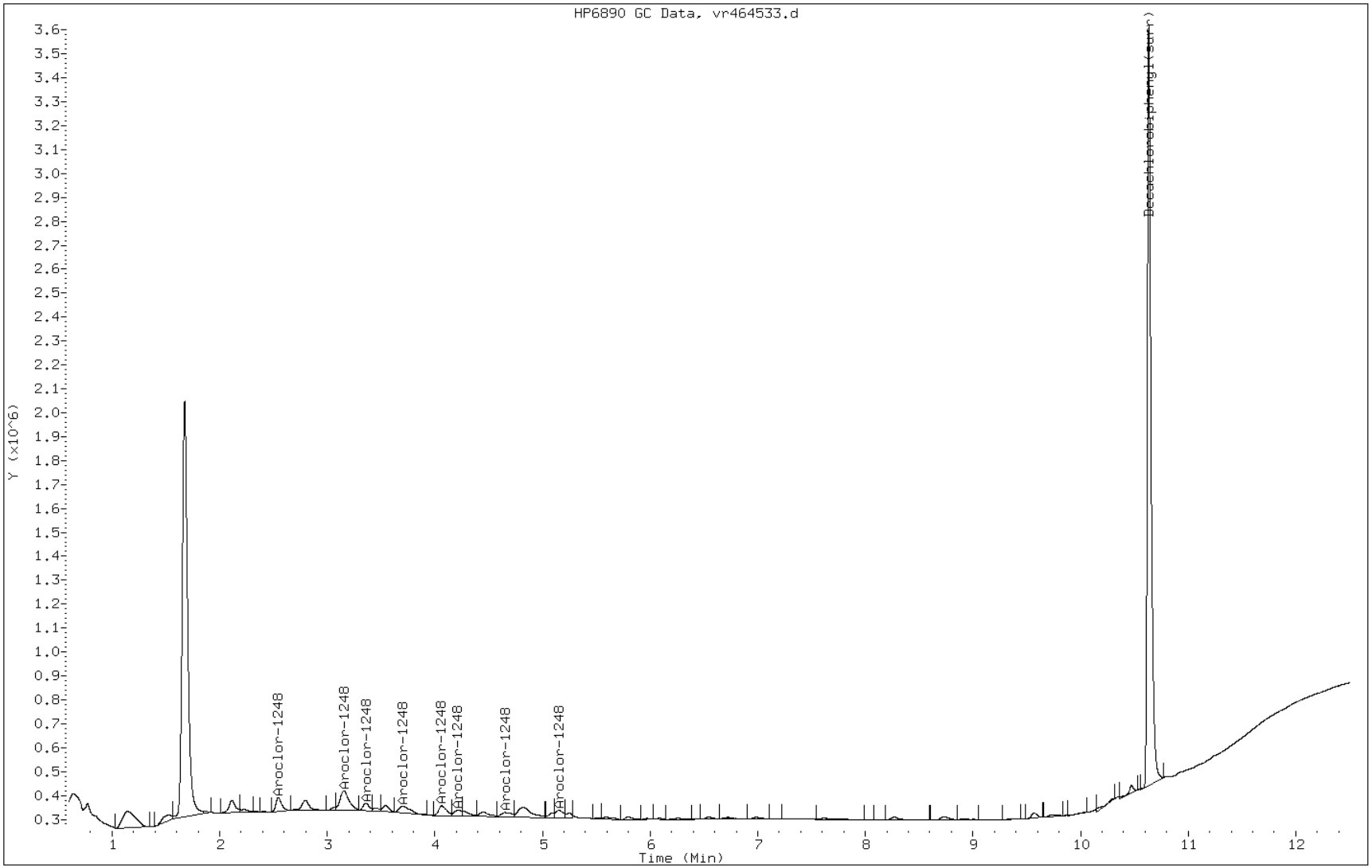
M - Compound response manually integrated.

Data File: vr464533.d

Date: 15-SEP-2011 15:20

Client ID: PMP-12-WT-S (7.0-7. Instrument: PESTGC9.i

Sample Info: 460-30837-F-16-B Operator: 615



Manual Integration Report

Data File: vr464533.d
Inj. Date and Time: 15-SEP-2011 15:20
Instrument ID: PESTGC9.i
Client ID: PMP-12-WT-S (7.0-7.
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 09/20/2011

Processing Integration Results

Not Detected

Expected RT: 2.55

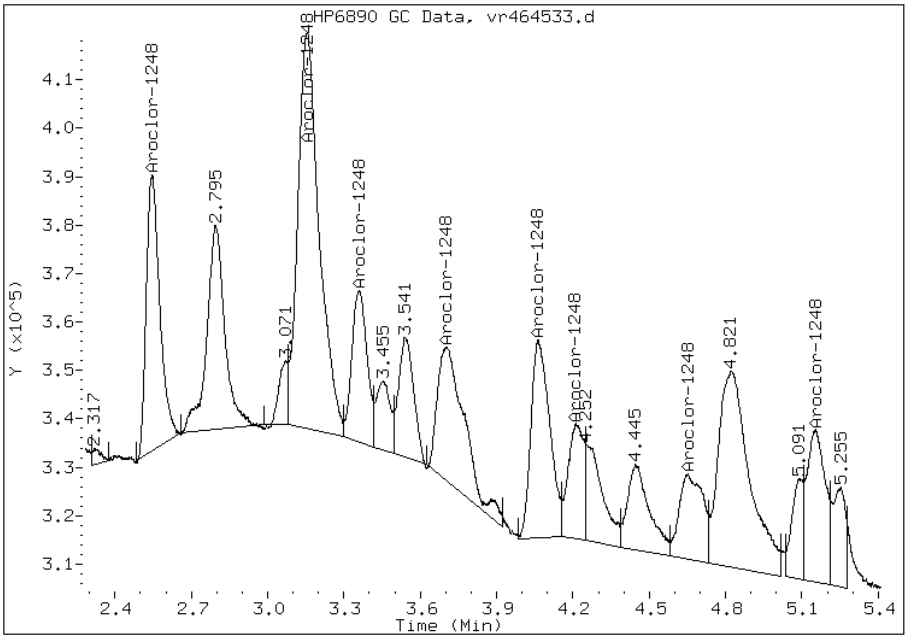
Manual Integration Results

RT: 2.55

Response: 208922

Amount: 37.80

Conc: 28.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Dup_090811 Lab Sample ID: 460-30837-17

Matrix: Solid Lab File ID: vf464538.d

Analysis Method: 8082 Date Collected: 09/09/2011 00:00

Extraction Method: 3541 Date Extracted: 09/14/2011 04:57

Sample wt/vol: 15.00(g) Date Analyzed: 09/15/2011 16:39

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 10.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86735 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	112		30-150

Data File: vf464538.d
Report Date: 21-Sep-2011 00:05

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Sep11/09-15-11/15sep11d.b/vf464538.d
Lab Smp Id: 460-30837-F-17-B Client Smp ID: Dup_090811
Inj Date : 15-SEP-2011 16:39
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-30837-F-17-B
Misc Info : 460-30837-F-17-B
Comment   :
Method   : /chem1/PESTGC9.i/8082/front/Sep11/09-15-11/15sep11d.b/08Vf8082.m
Meth Date : 14-Sep-2011 15:38 sita Quant Type: ESTD
Cal Date : 19-AUG-2011 15:08 Cal File: vf463562.d
Als bottle: 48
Dil Factor: 1.00000
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	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	10.91854	% Moisture

Cpnd Variable Local Compound Variable

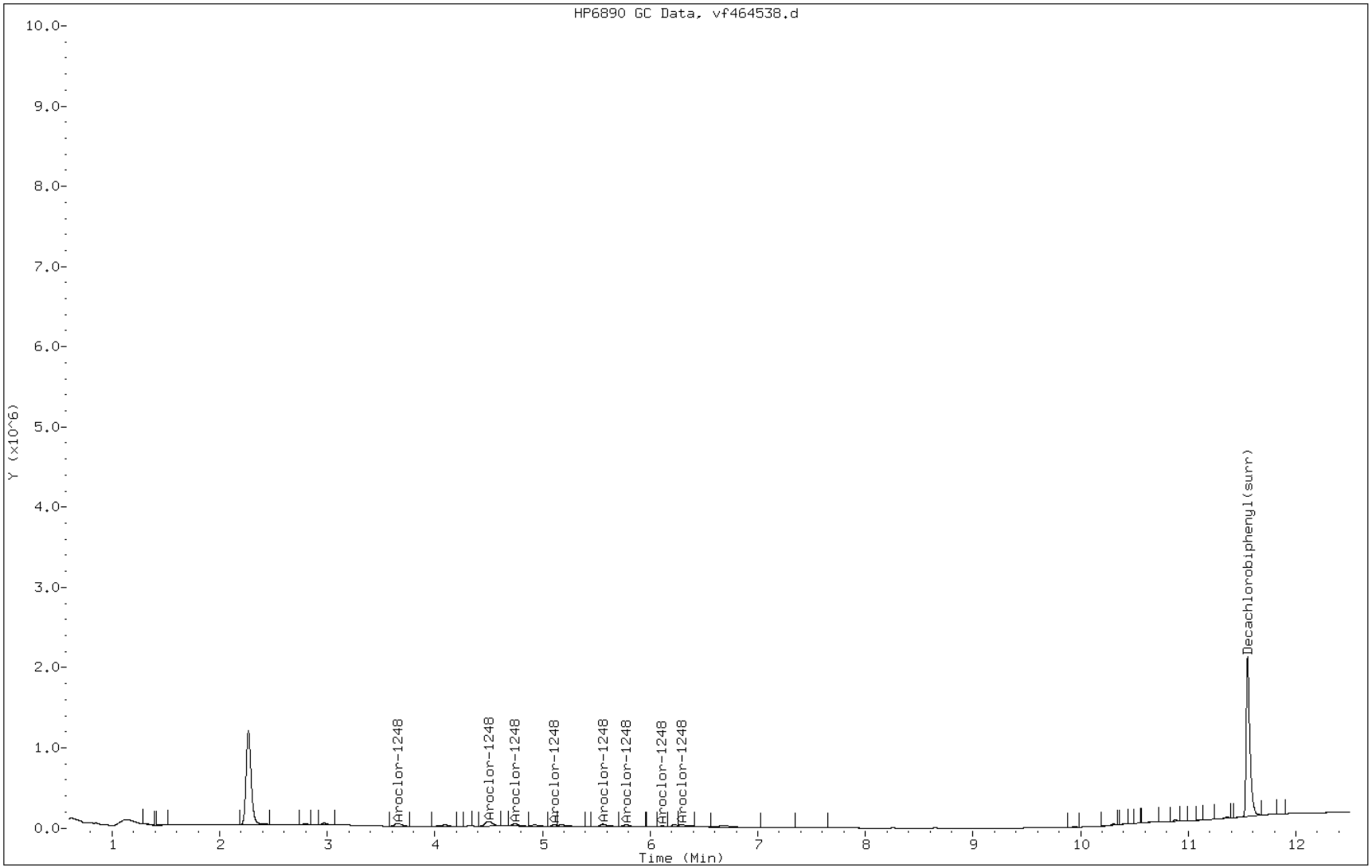
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
3.655	3.657	-0.002	154087	80.6343	60	80.00- 120.00	100.00
4.500	4.500	0.000	282451	55.8267	42	171.94- 257.91	183.31
4.745	4.743	0.002	109203	51.3817	38	59.22- 88.83	70.87
5.107	5.114	-0.007	65559	21.2735	16	79.42- 119.13	42.55
5.563	5.573	-0.010	188845	45.4570	34	94.99- 142.49	122.56
5.776	5.782	-0.006	124798	28.1009	21	43.78- 65.67	80.99
6.110	6.118	-0.008	28315	11.2111	8.4	51.41- 77.12	18.38
6.295	6.298	-0.003	106119	18.0068	13	672.93-1009.40	68.87
Average of Peak Concentrations =					29		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.552	11.552	0.000	4627758	56.0208	42	80.00- 120.00	100.00

Data File: vf464538.d

Date: 15-SEP-2011 16:39

Client ID: Dup_090811 Instrument: PESTGC9.i

Sample Info: 460-30837-F-17-B Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Dup_090811 Lab Sample ID: 460-30837-17

Matrix: Solid Lab File ID: vr464538.d

Analysis Method: 8082 Date Collected: 09/09/2011 00:00

Extraction Method: 3541 Date Extracted: 09/14/2011 04:57

Sample wt/vol: 15.00(g) Date Analyzed: 09/15/2011 16:39

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 10.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86735 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	75	U	75	14
11104-28-2	Aroclor 1221	75	U	75	23
11141-16-5	Aroclor 1232	75	U	75	43
53469-21-9	Aroclor 1242	75	U	75	14
12672-29-6	Aroclor 1248	32	J	75	20
11097-69-1	Aroclor 1254	75	U	75	26
11096-82-5	Aroclor 1260	75	U	75	8.4
37324-23-5	Aroclor 1262	75	U	75	13
11100-14-4	Aroclor 1268	75	U	75	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	124		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Sep11/09-15-11/15sep11d.b/vr464538.d
Lab Smp Id: 460-30837-F-17-B Client Smp ID: Dup_090811
Inj Date : 15-SEP-2011 16:39
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-30837-F-17-B
Misc Info : 460-30837-F-17-B
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Sep11/09-15-11/15sep11c.b/08Vr8082.m
Meth Date : 17-Sep-2011 00:35 diazc Quant Type: ESTD
Cal Date : 30-AUG-2011 18:17 Cal File: vr463935.d
Als bottle: 48
Dil Factor: 1.00000
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	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	10.91854	% 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		
2.545	2.546	-0.001	246575	88.8119	66	80.00- 120.00	100.00(MH)
3.151	3.152	-0.001	553124	65.9896	49	170.59- 255.88	224.32
3.358	3.355	0.003	188674	63.6403	48	70.21- 105.31	76.52
3.702	3.705	-0.003	226812	19.1726	14	117.75- 176.63	91.98
4.064	4.063	0.001	197864	26.1895	20	70.08- 105.13	80.24
4.216	4.211	0.005	99384	22.4994	17	58.57- 87.85	40.31
4.645	4.708	-0.063	98428	33.8494	25	62.38- 93.56	39.92
5.152	5.151	0.001	175755	18.5351	14	51.10- 76.65	71.28
Average of Peak Concentrations =					32		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.634	10.634	0.000	7605191	61.8555	46	80.00- 120.00	100.00

QC Flag Legend

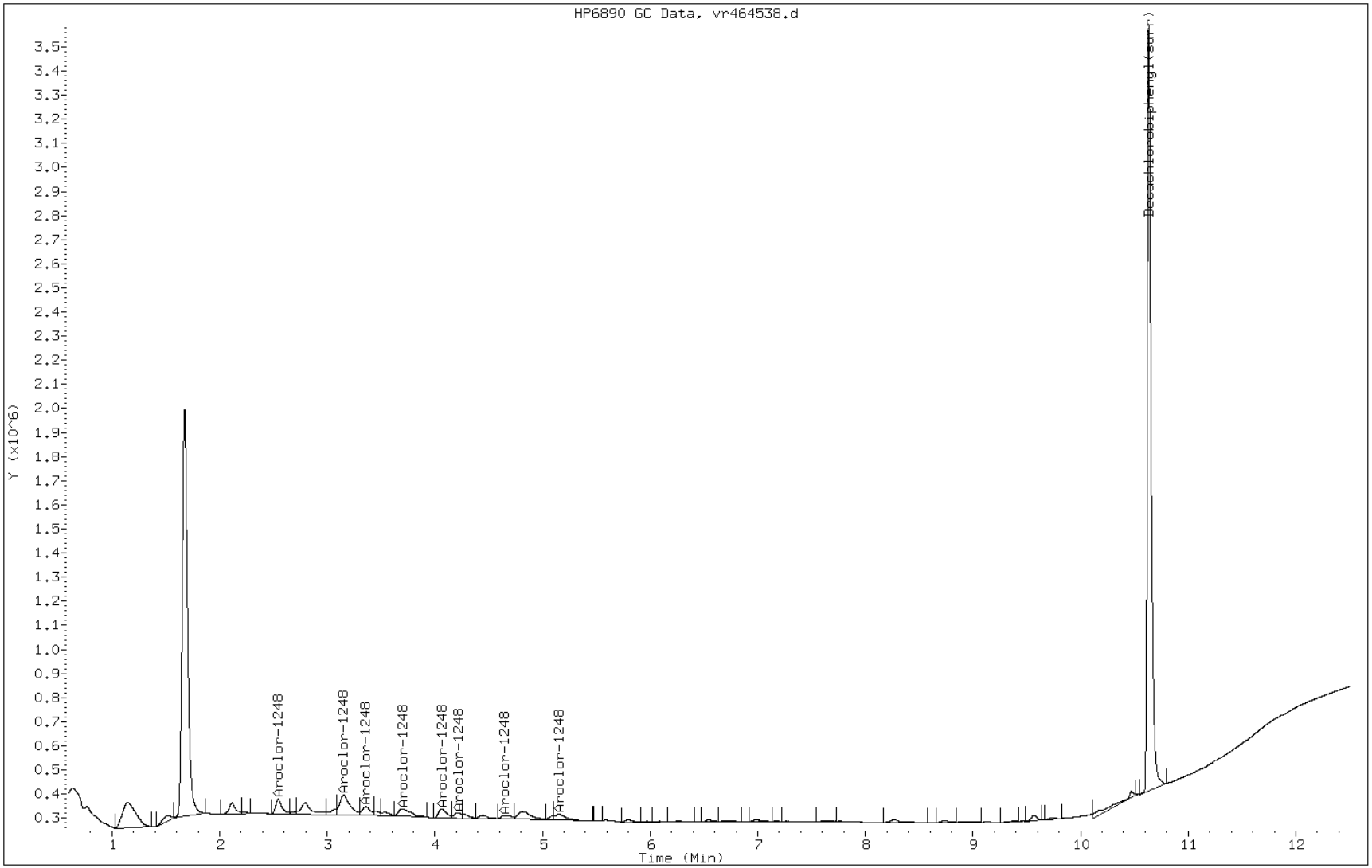
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: vr464538.d

Date: 15-SEP-2011 16:39

Client ID: Dup_090811 Instrument: PESTGC9.i

Sample Info: 460-30837-F-17-B Operator: 615



Manual Integration Report

Data File: vr464538.d
Inj. Date and Time: 15-SEP-2011 16:39
Instrument ID: PESTGC9.i
Client ID: Dup_090811
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 09/21/2011

Processing Integration Results

Not Detected

Expected RT: 2.55

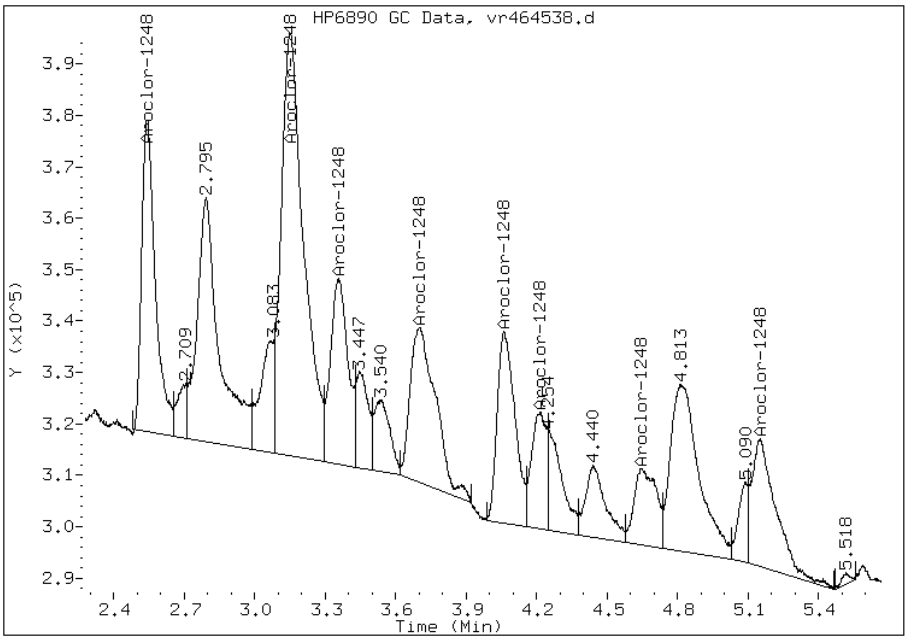
Manual Integration Results

RT: 2.54

Response: 246575

Amount: 42.34

Conc: 32.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-25-VS-S (1-3) Lab Sample ID: 460-30837-18

Matrix: Solid Lab File ID: vf464539.d

Analysis Method: 8082 Date Collected: 09/09/2011 09:35

Extraction Method: 3541 Date Extracted: 09/14/2011 04:57

Sample wt/vol: 15.05(g) Date Analyzed: 09/15/2011 16:55

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 7.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86735 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	86		30-150

Data File: vf464539.d
Report Date: 21-Sep-2011 00:06

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Sep11/09-15-11/15sep11d.b/vf464539.d
Lab Smp Id: 460-30837-F-18-C Client Smp ID: PMP-25-VS-S (1-3)
Inj Date : 15-SEP-2011 16:55
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-30837-F-18-C
Misc Info : 460-30837-F-18-C
Comment   :
Method   : /chem1/PESTGC9.i/8082/front/Sep11/09-15-11/15sep11d.b/08Vf8082.m
Meth Date : 14-Sep-2011 15:38 sita Quant Type: ESTD
Cal Date : 19-AUG-2011 15:08 Cal File: vf463562.d
Als bottle: 49
Dil Factor: 1.00000
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	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.05000	Weight of sample extracted (g)
M	7.13012	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260					CAS #: 11096-82-5		
0.000	7.480	-7.480	0			80.00- 120.00	0.00(TM)
7.787	7.793	-0.006	294799	46.0581	33	160.78- 241.17	0.00
8.253	8.260	-0.007	535251	69.6535	50	190.41- 285.61	0.00
9.370	9.378	-0.008	357897	68.3479	49	138.90- 208.35	0.00
9.491	9.499	-0.008	115575	41.9455	30	74.01- 111.02	0.00
9.936	9.943	-0.007	332935	71.5282	51	127.39- 191.08	0.00
10.302	10.305	-0.003	693140	62.6866	45	259.36- 389.04	0.00
11.109	11.113	-0.004	200334	73.8456	53	63.55- 95.33	0.00
Average of Peak Concentrations =					44		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.546	11.552	-0.006	3563819	43.1414	31	80.00- 120.00	100.00

Data File: vf464539.d
Report Date: 21-Sep-2011 00:06

QC Flag Legend

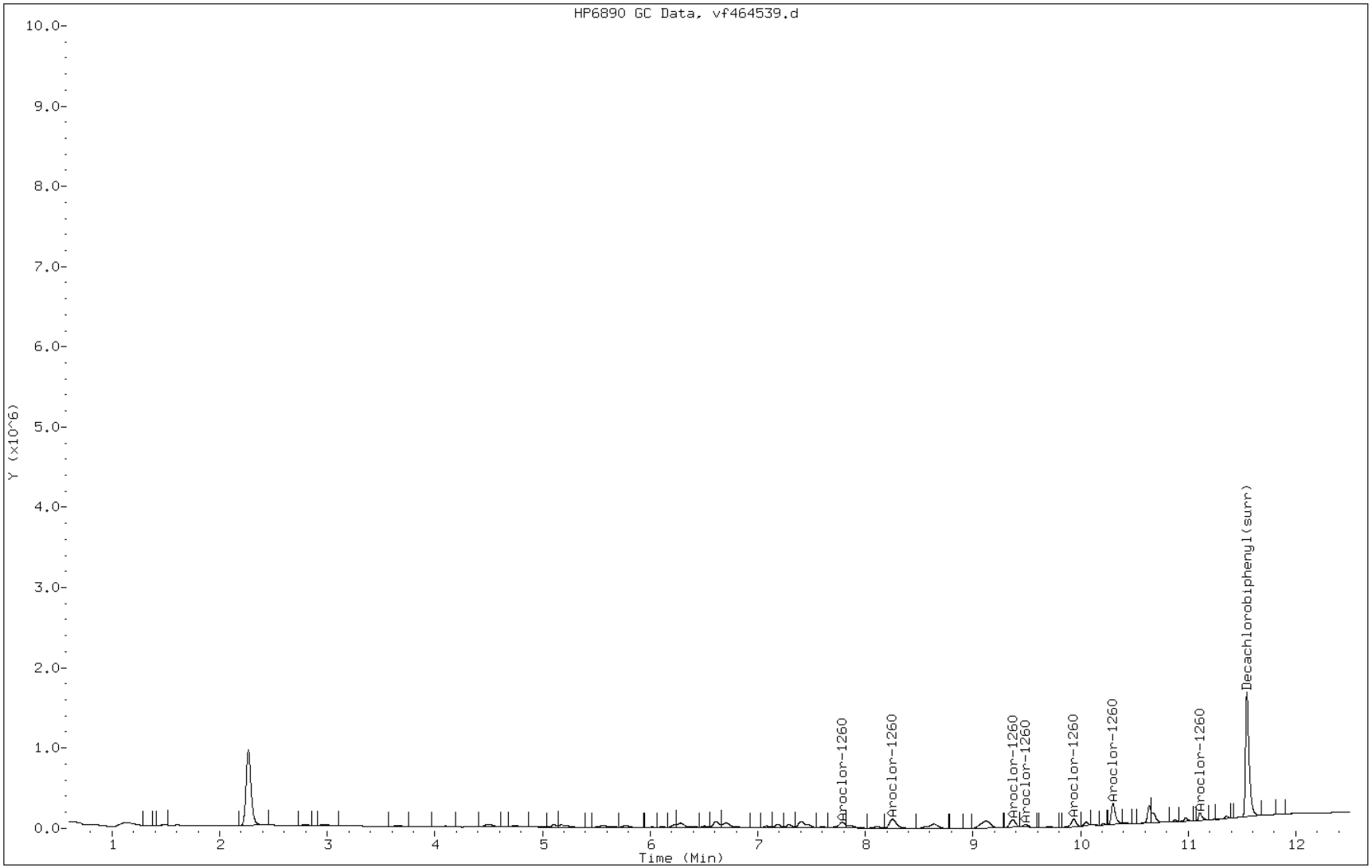
T - Target compound detected outside RT window.
M - Compound response manually integrated.

Data File: vf464539.d

Date: 15-SEP-2011 16:55

Client ID: PMP-25-VS-S (1-3) Instrument: PESTGC9.i

Sample Info: 460-30837-F-18-C Operator: 615



Manual Integration Report

Data File: vf464539.d
Inj. Date and Time: 15-SEP-2011 16:55
Instrument ID: PESTGC9.i
Client ID: PMP-25-VS-S (1-3)
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/21/2011

Processing Integration Results

Not Detected

Expected RT: 7.48

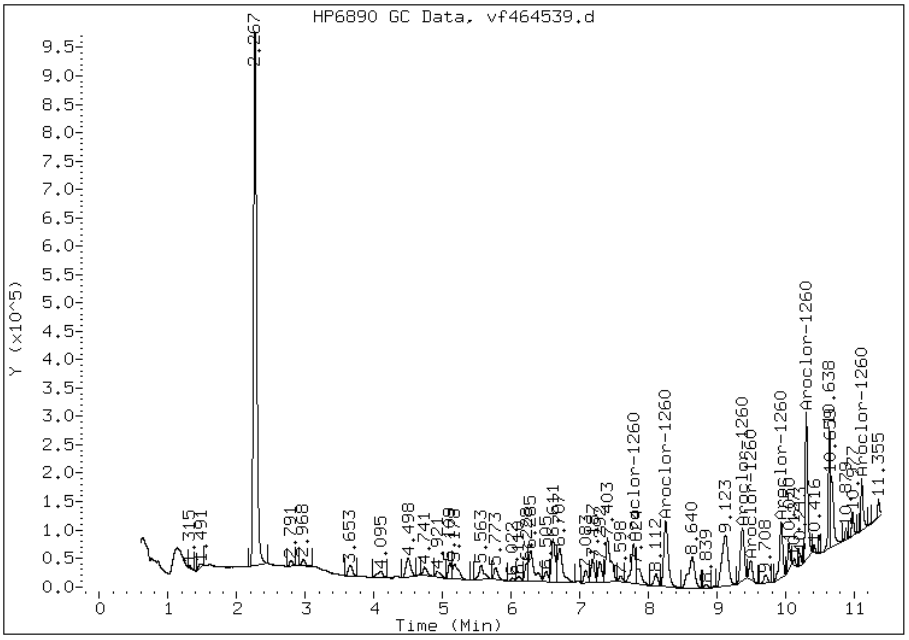
Manual Integration Results

RT: 0.00

Response: 0

Amount: 62.01

Conc: 44.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-25-VS-S (1-3) Lab Sample ID: 460-30837-18

Matrix: Solid Lab File ID: vr464539.d

Analysis Method: 8082 Date Collected: 09/09/2011 09:35

Extraction Method: 3541 Date Extracted: 09/14/2011 04:57

Sample wt/vol: 15.05(g) Date Analyzed: 09/15/2011 16:55

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 7.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86735 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	72	U	72	14
11104-28-2	Aroclor 1221	72	U	72	22
11141-16-5	Aroclor 1232	72	U	72	41
53469-21-9	Aroclor 1242	72	U	72	14
12672-29-6	Aroclor 1248	72	U	72	19
11097-69-1	Aroclor 1254	72	U	72	25
11096-82-5	Aroclor 1260	45	J	72	8.0
37324-23-5	Aroclor 1262	72	U	72	12
11100-14-4	Aroclor 1268	72	U	72	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	94		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Sep11/09-15-11/15sep11d.b/vr464539.d
Lab Smp Id: 460-30837-F-18-C Client Smp ID: PMP-25-VS-S (1-3)
Inj Date : 15-SEP-2011 16:55
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-30837-F-18-C
Misc Info : 460-30837-F-18-C
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Sep11/09-15-11/15sep11c.b/08Vr8082.m
Meth Date : 17-Sep-2011 00:35 diazc Quant Type: ESTD
Cal Date : 30-AUG-2011 18:17 Cal File: vr463935.d
Als bottle: 49
Dil Factor: 1.00000
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	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.05000	Weight of sample extracted (g)
M	7.13012	% Moisture

Cpnd Variable Local Compound Variable

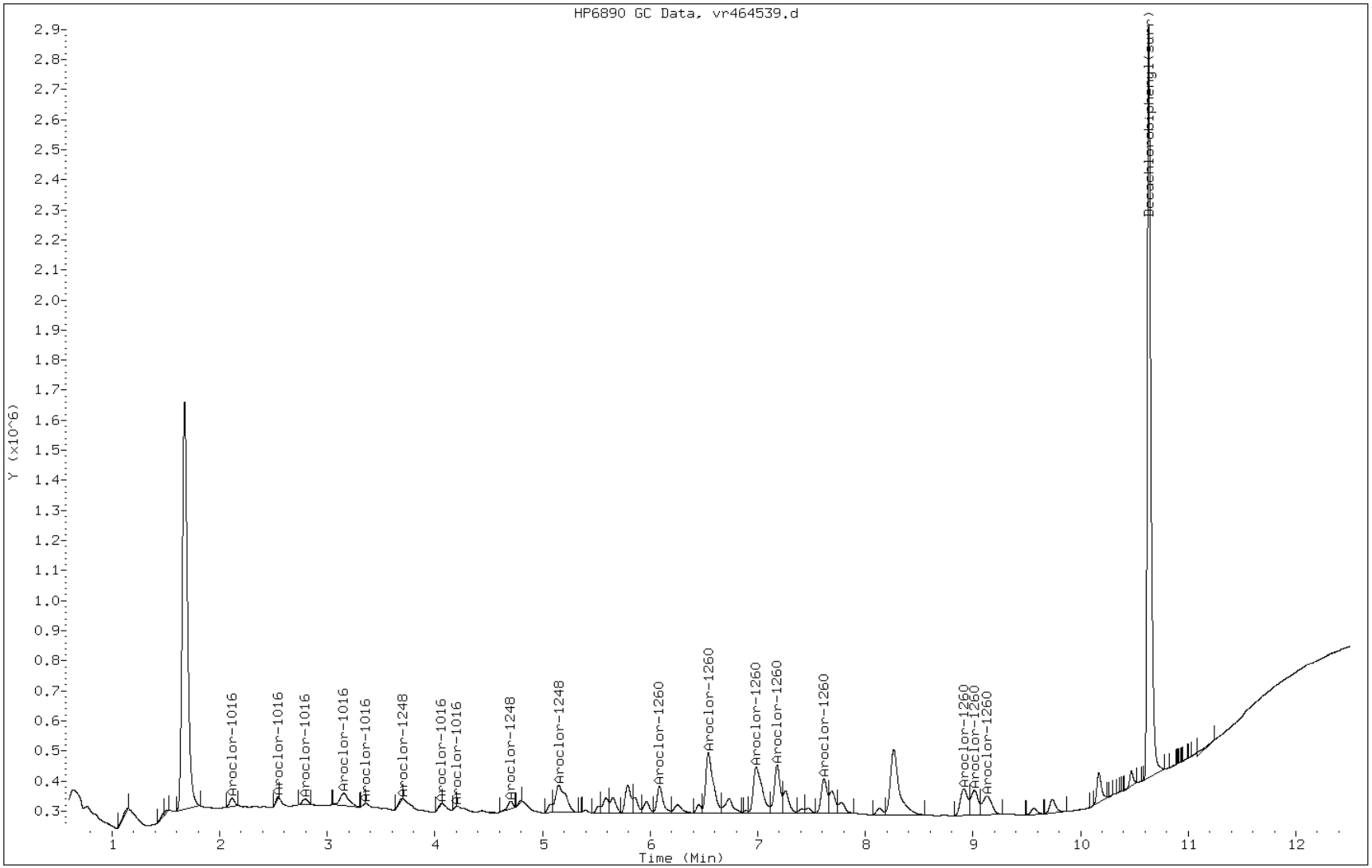
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260					CAS #: 11096-82-5		
6.085	6.087	-0.002	353269	42.8225	31	80.00- 120.00	100.00
6.541	6.540	0.001	967579	61.2473	44	147.37- 221.06	273.89
6.985	6.984	0.001	883362	62.0074	44	134.18- 201.27	250.05
7.179	7.180	-0.001	604522	76.3512	55	77.03- 115.55	171.12
7.617	7.618	-0.001	439445	60.6383	43	65.85- 98.78	124.39
8.916	8.918	-0.002	416576	51.7177	37	69.60- 104.40	117.92
9.013	9.014	-0.001	401719	84.0776	60	49.68- 74.52	113.71
9.129	9.134	-0.005	375769	69.0230	49	57.92- 86.89	106.37
Average of Peak Concentrations =					45		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.633	10.634	-0.001	5748896	46.7576	33	80.00- 120.00	100.00

Data File: vr464539.d

Date: 15-SEP-2011 16:55

Client ID: PMP-25-VS-S (1-3) Instrument: PESTGC9.i

Sample Info: 460-30837-F-18-C Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-25-VD-S (3-5) Lab Sample ID: 460-30837-19

Matrix: Solid Lab File ID: vf464540.d

Analysis Method: 8082 Date Collected: 09/09/2011 09:40

Extraction Method: 3541 Date Extracted: 09/14/2011 04:57

Sample wt/vol: 15.03(g) Date Analyzed: 09/15/2011 17:11

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 13.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86735 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
11104-28-2	Aroclor 1221	77	U	77	23

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	109		30-150

Data File: vf464540.d
Report Date: 21-Sep-2011 00:06

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Sep11/09-15-11/15sep11d.b/vf464540.d
Lab Smp Id: 460-30837-F-19-C Client Smp ID: PMP-25-VD-S (3-5)
Inj Date : 15-SEP-2011 17:11
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-30837-F-19-C
Misc Info : 460-30837-F-19-C
Comment   :
Method   : /chem1/PESTGC9.i/8082/front/Sep11/09-15-11/15sep11d.b/08Vf8082.m
Meth Date : 14-Sep-2011 15:38 sita Quant Type: ESTD
Cal Date : 19-AUG-2011 15:08 Cal File: vf463562.d
Als bottle: 50
Dil Factor: 1.00000
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	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	13.27103	% Moisture

Cpnd Variable Local Compound Variable

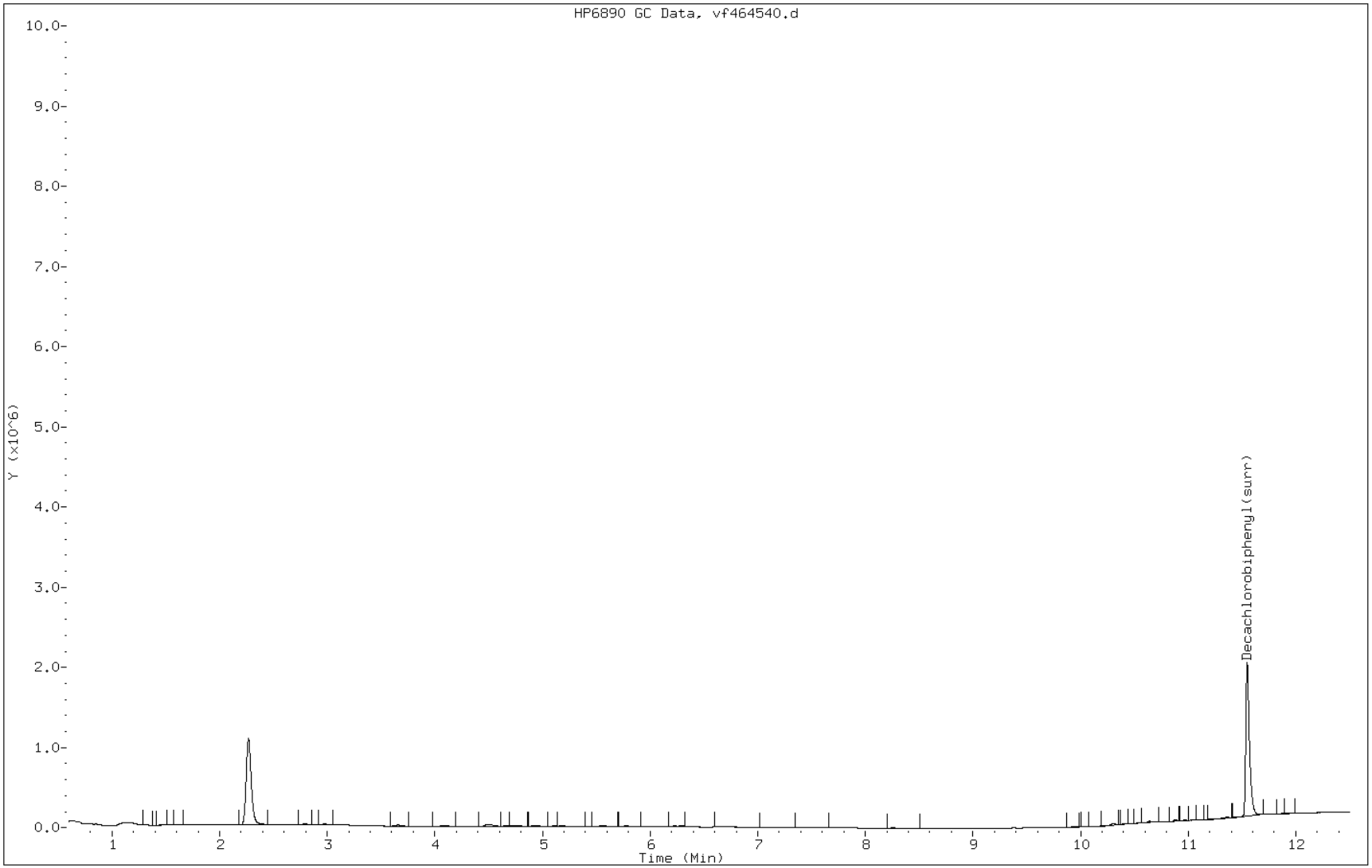
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.548	11.552	-0.004	4499389	54.4668	42	80.00- 120.00	100.00

Data File: vf464540.d

Date: 15-SEP-2011 17:11

Client ID: PMP-25-VD-S (3-5) Instrument: PESTGC9.i

Sample Info: 460-30837-F-19-C Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-25-VD-S (3-5) Lab Sample ID: 460-30837-19

Matrix: Solid Lab File ID: vr464540.d

Analysis Method: 8082 Date Collected: 09/09/2011 09:40

Extraction Method: 3541 Date Extracted: 09/14/2011 04:57

Sample wt/vol: 15.03(g) Date Analyzed: 09/15/2011 17:11

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 13.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86735 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	77	U	77	15
11141-16-5	Aroclor 1232	77	U	77	44
53469-21-9	Aroclor 1242	77	U	77	15
12672-29-6	Aroclor 1248	77	U	77	20
11097-69-1	Aroclor 1254	77	U	77	26
11096-82-5	Aroclor 1260	77	U	77	8.6
37324-23-5	Aroclor 1262	77	U	77	13
11100-14-4	Aroclor 1268	77	U	77	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	119		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Sep11/09-15-11/15sep11d.b/vr464540.d
Lab Smp Id: 460-30837-F-19-C Client Smp ID: PMP-25-VD-S (3-5)
Inj Date : 15-SEP-2011 17:11
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-30837-F-19-C
Misc Info : 460-30837-F-19-C
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Sep11/09-15-11/15sep11d.b/08Vr8082.m
Meth Date : 17-Sep-2011 00:35 diazc Quant Type: ESTD
Cal Date : 30-AUG-2011 18:17 Cal File: vr463935.d
Als bottle: 50
Dil Factor: 1.00000
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	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	13.27103	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
22 Aroclor-1221					CAS #: 11104-28-2		
1.148	1.135	0.013	161220	112.795	86	80.00- 120.00	100.00(T)
1.524	1.476	0.048	36841	111.390	85	119.96- 179.94	22.85
0.000	1.882	-1.882	0			26961.48-40442.23	0.00
2.117	2.106	0.011	71108	12.3386	9.5	152347.36-228521.04	44.11
2.550	2.546	0.004	77718	187.950	140	276333.52-414500.28	48.21
0.000	1.000	-1.000	0			0.00- 0.00	0.00
2.695	2.699	-0.004	425	0.66362	0.51	26611.68-39917.51	0.26
3.152	3.152	0.000	9136	11.3652	8.7	589234.26-883851.39	5.67
Average of Peak Concentrations =					56		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.634	10.634	0.000	7298862	59.3640	46	80.00- 120.00	100.00

QC Flag Legend

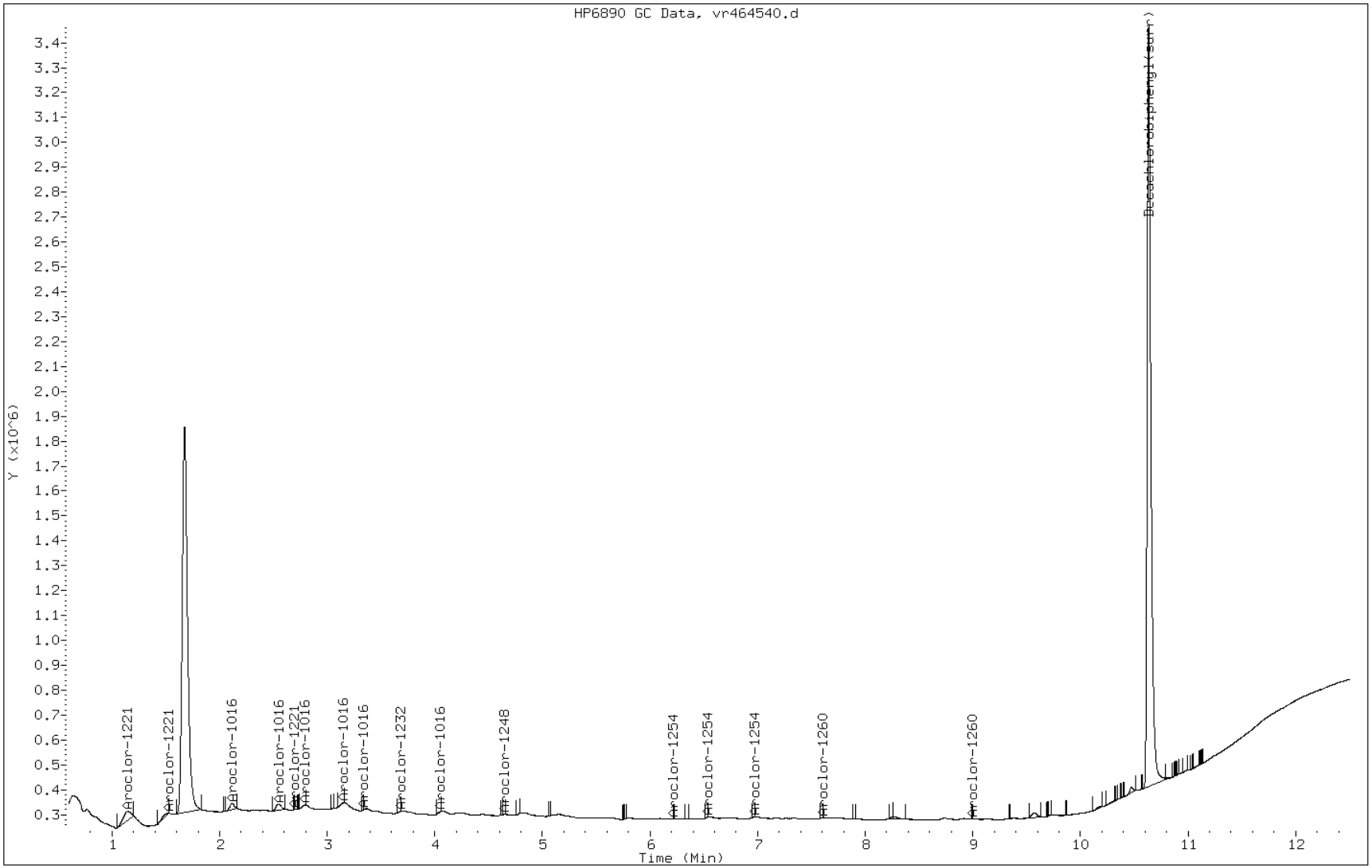
T - Target compound detected outside RT window.

Data File: vr464540.d

Date: 15-SEP-2011 17:11

Client ID: PMP-25-VD-S (3-5) Instrument: PESTGC9.i

Sample Info: 460-30837-F-19-C Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-25-WT-S (7.5-9.5) Lab Sample ID: 460-30837-20

Matrix: Solid Lab File ID: vf464541.d

Analysis Method: 8082 Date Collected: 09/09/2011 09:45

Extraction Method: 3541 Date Extracted: 09/14/2011 04:57

Sample wt/vol: 15.00(g) Date Analyzed: 09/15/2011 17:27

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 12.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86735 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	108		30-150

Data File: vf464541.d
Report Date: 21-Sep-2011 00:07

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Sep11/09-15-11/15sep11d.b/vf464541.d
Lab Smp Id: 460-30837-F-20-C Client Smp ID: PMP-25-WT-S (7.5-9.
Inj Date : 15-SEP-2011 17:27
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-30837-F-20-C
Misc Info : 460-30837-F-20-C
Comment   :
Method   : /chem1/PESTGC9.i/8082/front/Sep11/09-15-11/15sep11d.b/08Vf8082.m
Meth Date : 14-Sep-2011 15:38 sita Quant Type: ESTD
Cal Date : 19-AUG-2011 15:08 Cal File: vf463562.d
Als bottle: 51
Dil Factor: 1.00000
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	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	12.23022	% Moisture

Cpnd Variable Local Compound Variable

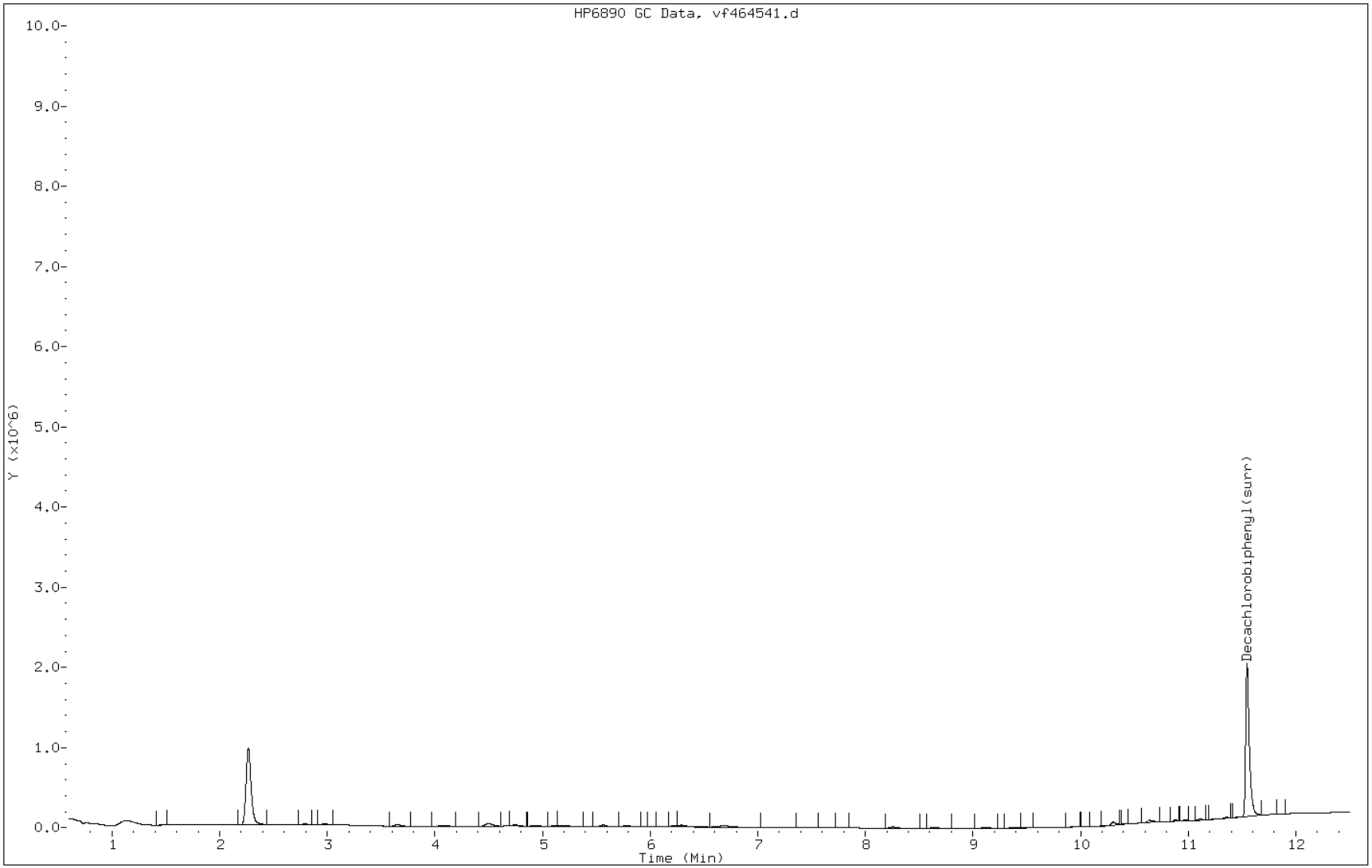
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.548	11.552	-0.004	4451971	53.8928	41	80.00- 120.00	100.00

Data File: vf464541.d

Date: 15-SEP-2011 17:27

Client ID: PMP-25-WT-S (7.5-9. Instrument: PESTGC9.i

Sample Info: 460-30837-F-20-C Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-25-WT-S (7.5-9.5) Lab Sample ID: 460-30837-20

Matrix: Solid Lab File ID: vr464541.d

Analysis Method: 8082 Date Collected: 09/09/2011 09:45

Extraction Method: 3541 Date Extracted: 09/14/2011 04:57

Sample wt/vol: 15.00(g) Date Analyzed: 09/15/2011 17:27

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 12.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86735 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	76	U	76	15
11104-28-2	Aroclor 1221	76	U	76	23
11141-16-5	Aroclor 1232	76	U	76	43
53469-21-9	Aroclor 1242	76	U	76	14
12672-29-6	Aroclor 1248	76	U	76	20
11097-69-1	Aroclor 1254	76	U	76	26
11096-82-5	Aroclor 1260	76	U	76	8.5
37324-23-5	Aroclor 1262	76	U	76	13
11100-14-4	Aroclor 1268	76	U	76	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	118		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Sep11/09-15-11/15sep11d.b/vr464541.d
Lab Smp Id: 460-30837-F-20-C Client Smp ID: PMP-25-WT-S (7.5-9.
Inj Date : 15-SEP-2011 17:27
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-30837-F-20-C
Misc Info : 460-30837-F-20-C
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Sep11/09-15-11/15sep11c.b/08Vr8082.m
Meth Date : 17-Sep-2011 00:35 diazc Quant Type: ESTD
Cal Date : 30-AUG-2011 18:17 Cal File: vr463935.d
Als bottle: 51
Dil Factor: 1.00000
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	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	12.23022	% Moisture

Cpnd Variable Local Compound Variable

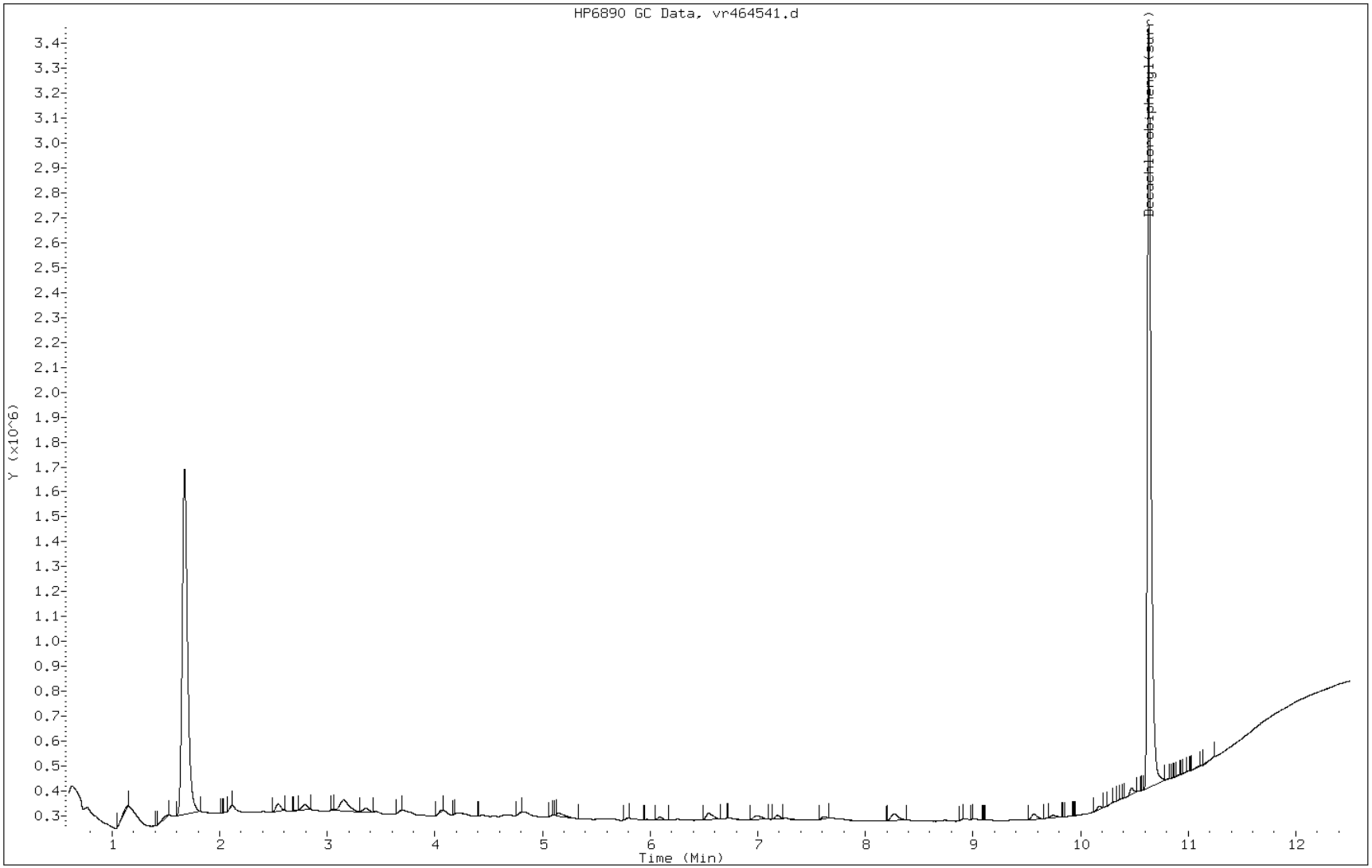
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.634	10.634	0.000	7281962	59.2266	45	80.00- 120.00	100.00

Data File: vr464541.d

Date: 15-SEP-2011 17:27

Client ID: PMP-25-WT-S (7.5-9. Instrument: PESTGC9.i

Sample Info: 460-30837-F-20-C Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-14-VS-S (0.5-1.0) Lab Sample ID: 460-30837-21

Matrix: Solid Lab File ID: of177861.d

Analysis Method: 8082 Date Collected: 09/09/2011 10:00

Extraction Method: 3541 Date Extracted: 09/14/2011 05:06

Sample wt/vol: 15.05(g) Date Analyzed: 09/21/2011 14:18

Con. Extract Vol.: 10(mL) Dilution Factor: 5

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 4.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86921 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12672-29-6	Aroclor 1248	5300		350	92
11096-82-5	Aroclor 1260	2800		350	39

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	135		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep11/09-21-11/21sep11b.b/of177861.d
Lab Smp Id: 460-30837-F-21-D Client Smp ID: PMP-14-VS-S (0.5-1.
Inj Date : 21-SEP-2011 14:18
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-30837-F-21-D
Misc Info : 460-30837-F-21-D
Comment :
Method : /chem1/PESTGC7.i/8082/front/Sep11/09-21-11/21sep11b.b/08Of8082.m
Meth Date : 20-Sep-2011 08:59 sita Quant Type: ESTD
Cal Date : 29-AUG-2011 12:45 Cal File: of176825.d
Als bottle: 24
Dil Factor: 5.00000
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	5.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.05000	Weight of sample extracted (g)
M	3.98551	% 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		
3.353	3.323	0.030	45713	513.024	1800	80.00- 120.00	100.00(M)
3.885	3.855	0.030	293594	1861.44	6400	141.61- 212.41	642.25
4.020	4.012	0.008	140323	1386.41	4800	90.87- 136.31	306.97
4.328	4.310	0.018	207327	1531.68	5300	121.53- 182.29	453.54
4.605	4.590	0.015	251203	1752.77	6100	128.67- 193.01	549.52
4.762	4.747	0.015	477039	2202.99	7600	194.42- 291.62	1043.55
5.140	5.123	0.017	0			208.78- 313.17	0.00
5.447	5.453	-0.006	0			274.56- 411.84	0.00
Average of Peak Concentrations =					5300		
27 Aroclor-1260					CAS #: 11096-82-5		
6.233	6.242	-0.009	318623	1104.62	3800	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)							
6.563	6.570	-0.007	297681	934.179	3200	89.75- 134.63	93.43
7.167	7.177	-0.010	339916	878.886	3000	112.26- 168.39	106.68
7.347	7.352	-0.005	180557	759.114	2600	69.98- 104.97	56.67
7.452	7.458	-0.006	121738	657.261	2300	51.34- 77.01	38.21
7.965	7.972	-0.007	163664	728.240	2500	68.03- 102.05	51.37
9.243	9.253	-0.010	213822	840.868	2900	75.28- 112.92	67.11
9.952	9.960	-0.008	76408	676.873	2300	31.54- 47.31	23.98
Average of Peak Concentrations =					2800		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.473	10.477	-0.004	44892	13.4609	46	80.00- 120.00	100.00(a)

QC Flag Legend

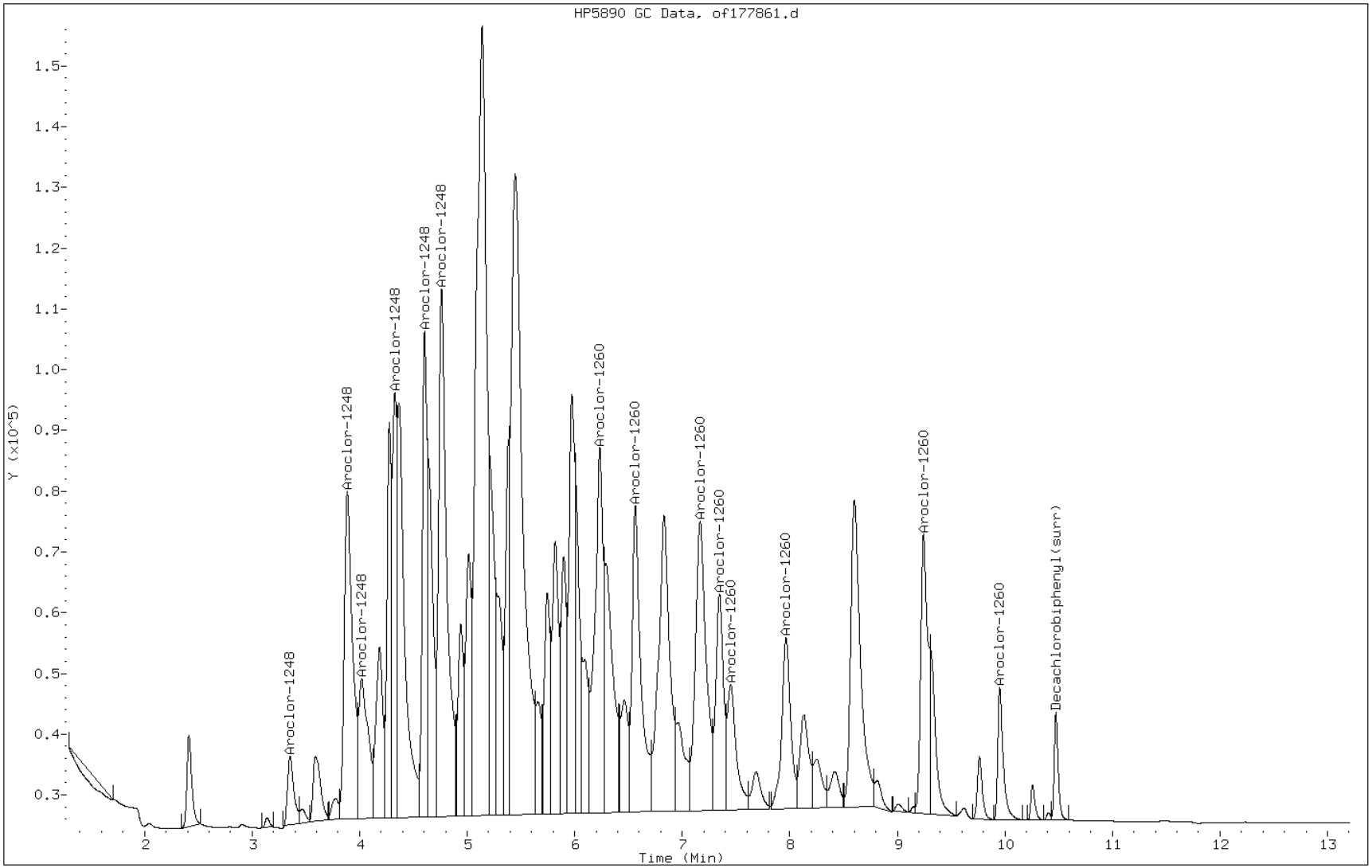
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: of177861.d

Date: 21-SEP-2011 14:18

Client ID: PMP-14-VS-S (0.5-1. Instrument: PESTGC7.i

Sample Info: 460-30837-F-21-D Operator: 615



Manual Integration Report

Data File: of177861.d
Inj. Date and Time: 21-SEP-2011 14:18
Instrument ID: PESTGC7.i
Client ID: PMP-14-VS-S (0.5-1.
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 09/22/2011

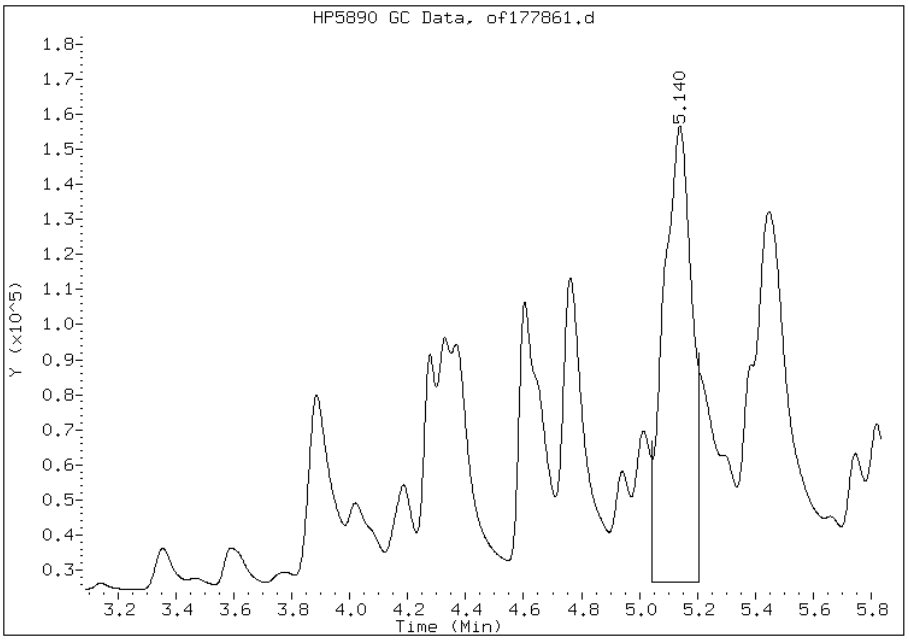
Processing Integration Results

RT: 5.14

Response: 872400

Amount: 1960.72

Conc: 6800.00



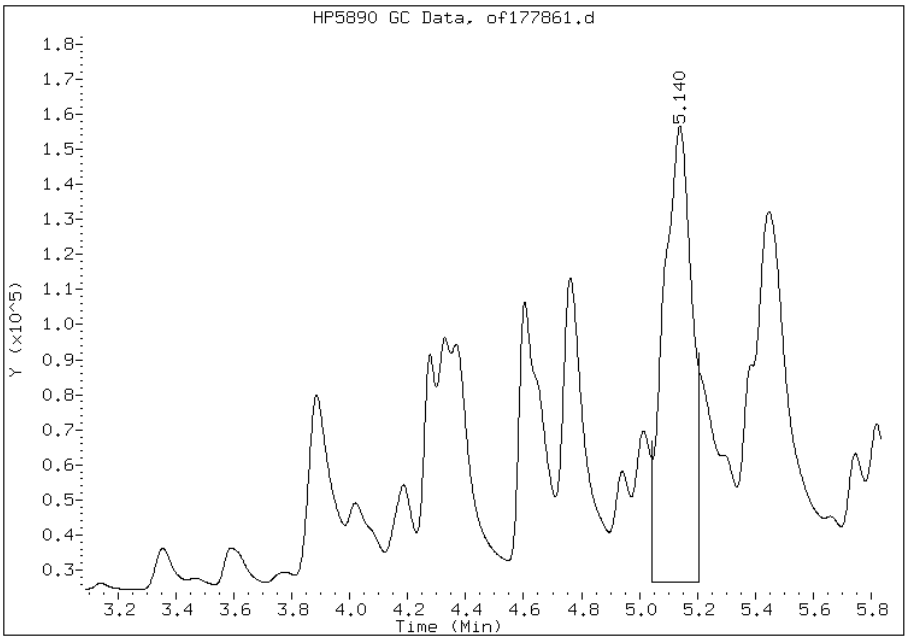
Manual Integration Results

RT: 5.14

Response: 0

Amount: 1541.39

Conc: 5300.00



Manually Integrated By: sita
Manual Integration Reason:

Manual Integration Report

Data File: of177861.d
Inj. Date and Time: 21-SEP-2011 14:18
Instrument ID: PESTGC7.i
Client ID: PMP-14-VS-S (0.5-1.
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/22/2011

Processing Integration Results

Not Detected

Expected RT: 6.24

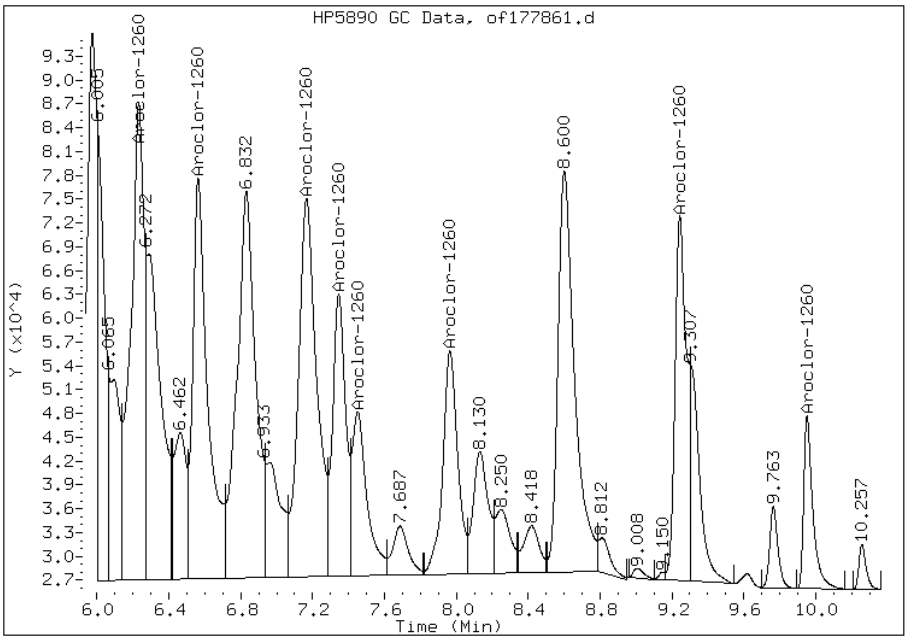
Manual Integration Results

RT: 6.23

Response: 318623

Amount: 822.50

Conc: 2800.00



Manually Integrated By: sita
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-14-VS-S (0.5-1.0) Lab Sample ID: 460-30837-21

Matrix: Solid Lab File ID: or177861.d

Analysis Method: 8082 Date Collected: 09/09/2011 10:00

Extraction Method: 3541 Date Extracted: 09/14/2011 05:06

Sample wt/vol: 15.05(g) Date Analyzed: 09/21/2011 14:18

Con. Extract Vol.: 10(mL) Dilution Factor: 5

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 4.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86921 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	350	U	350	66
11104-28-2	Aroclor 1221	350	U	350	100
11141-16-5	Aroclor 1232	350	U	350	200
53469-21-9	Aroclor 1242	350	U	350	66
11097-69-1	Aroclor 1254	350	U	350	120
37324-23-5	Aroclor 1262	350	U	350	60
11100-14-4	Aroclor 1268	350	U	350	60

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	122		30-150

Data File: or177861.d
Report Date: 22-Sep-2011 07:49

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep11/09-21-11/21sep11b.b/or177861.d
Lab Smp Id: 460-30837-F-21-D Client Smp ID: PMP-14-VS-S (0.5-1.
Inj Date : 21-SEP-2011 14:18
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-30837-F-21-D
Misc Info : 460-30837-F-21-D
Comment   :
Method   : /chem1/PESTGC7.i/8082/rear/Sep11/09-21-11/21sep11b.b/08Or8082.m
Meth Date : 22-Sep-2011 07:48 sita Quant Type: ESTD
Cal Date : 29-AUG-2011 12:45 Cal File: or176825.d
Als bottle: 24
Dil Factor: 5.00000
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	5.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.05000	Weight of sample extracted (g)
M	3.98551	% 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		
2.665	2.657	0.008	28130	446.550	1500	80.00- 120.00	100.00(M)
3.125	3.113	0.012	251538	2131.15	7400	145.75- 218.63	894.20
3.268	3.258	0.010	61956	966.598	3300	70.06- 105.09	220.25
3.460	3.460	0.000	266191	1607.57	5600	69.80- 104.71	946.29
3.692	3.688	0.004	269894	1705.95	5900	67.13- 100.69	959.45
3.792	3.797	-0.005	124669	1460.53	5000	29.78- 44.67	443.19
3.935	3.932	0.003	123303	2045.03	7100	23.28- 34.92	438.33
4.413	4.408	0.005	0			62.15- 93.22	0.00
Average of Peak Concentrations =					5100		
27 Aroclor-1260					CAS #: 11096-82-5		
5.092	5.098	-0.006	192609	1038.76	3600	80.00- 120.00	100.00(M)

Data File: or177861.d
Report Date: 22-Sep-2011 07:49

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
5.442	5.450	-0.008	255851	835.602	2900	131.14- 196.71	132.83
5.793	5.807	-0.014	213439	793.398	2700	104.12- 156.17	110.81
5.925	5.928	-0.003	113549	766.177	2600	70.26- 105.40	58.95
6.250	6.255	-0.005	89174	670.054	2300	52.01- 78.02	46.30
6.725	6.735	-0.010	234215	628.230	2200	148.77- 223.15	121.60
7.347	7.353	-0.006	95419	625.576	2200	60.99- 91.49	49.54
8.567	8.590	-0.023	67599	734.939	2500	38.05- 57.07	35.10
Average of Peak Concentrations =					2600		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.345	9.350	-0.005	42887	12.1919	42	80.00- 120.00	100.00(a)

QC Flag Legend

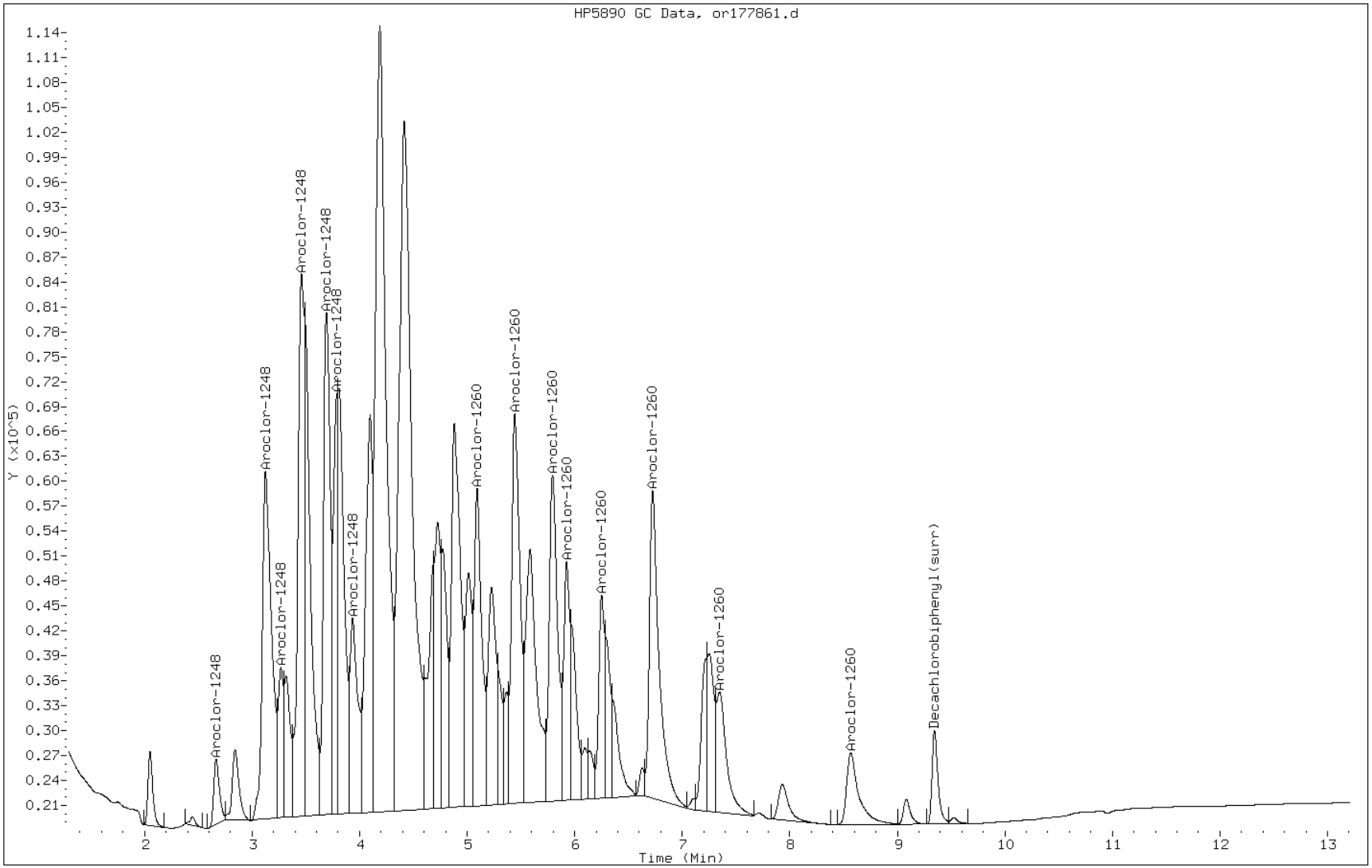
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: or177861.d

Date: 21-SEP-2011 14:18

Client ID: PMP-14-VS-S (0.5-1. Instrument: PESTGC7.i

Sample Info: 460-30837-F-21-D Operator: 615



Manual Integration Report

Data File: or177861.d
Inj. Date and Time: 21-SEP-2011 14:18
Instrument ID: PESTGC7.i
Client ID: PMP-14-VS-S (0.5-1.
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 09/22/2011

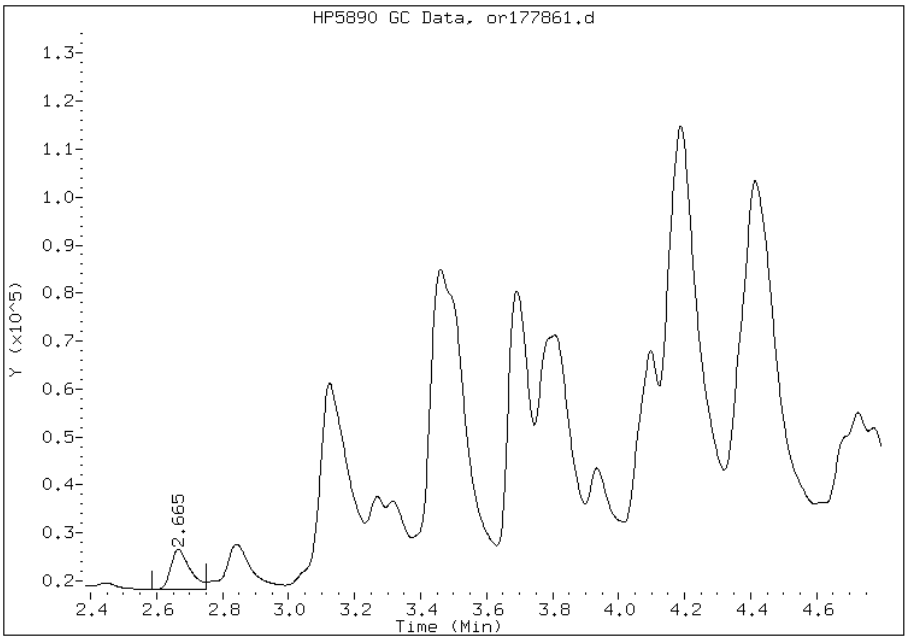
Processing Integration Results

RT: 2.66

Response: 33148

Amount: 2040.42

Conc: 7100.00



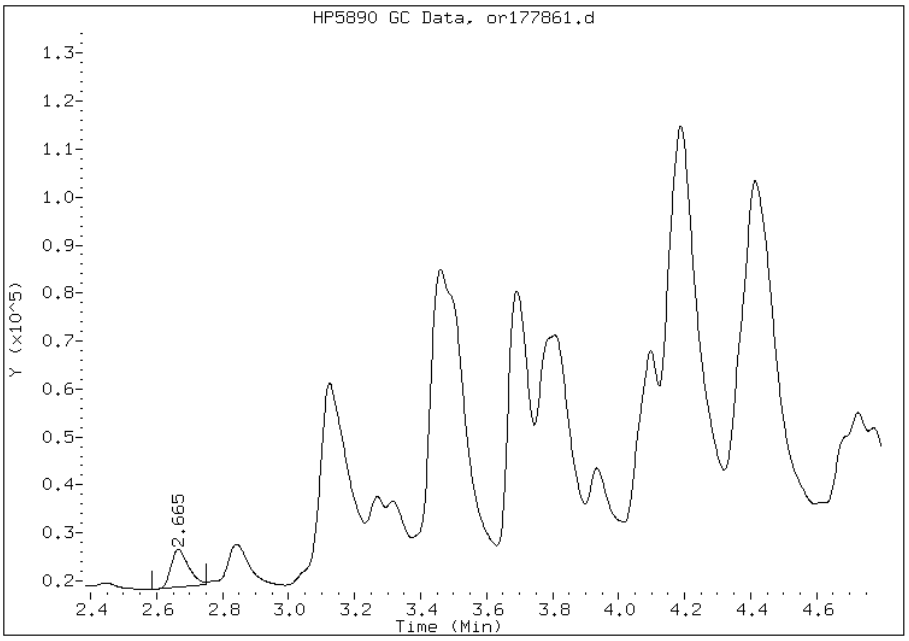
Manual Integration Results

RT: 2.66

Response: 28130

Amount: 1480.48

Conc: 5100.00



Manually Integrated By: sita
Manual Integration Reason:

Manual Integration Report

Data File: or177861.d
Inj. Date and Time: 21-SEP-2011 14:18
Instrument ID: PESTGC7.i
Client ID: PMP-14-VS-S (0.5-1.
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/22/2011

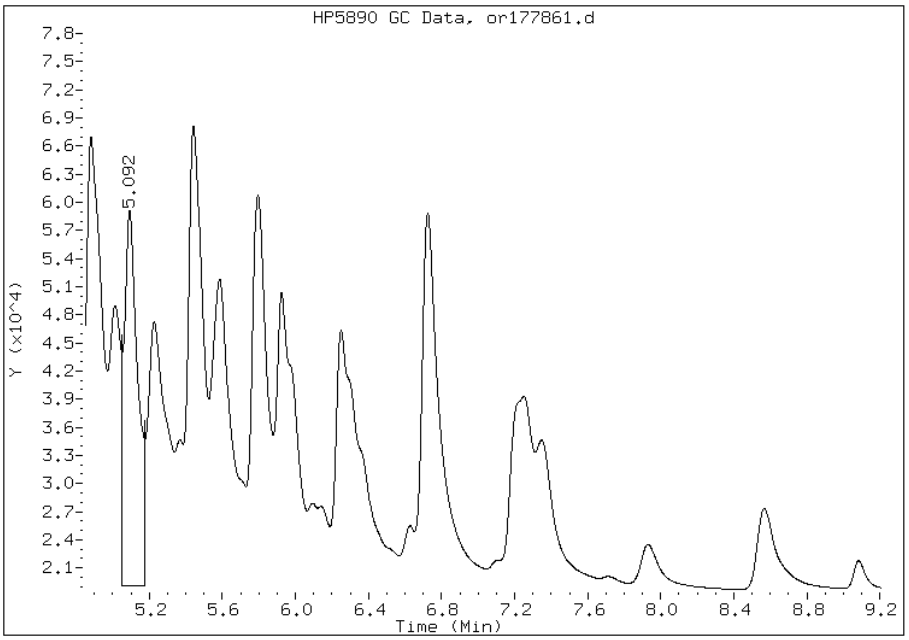
Processing Integration Results

RT: 5.09

Response: 205082

Amount: 824.73

Conc: 2800.00



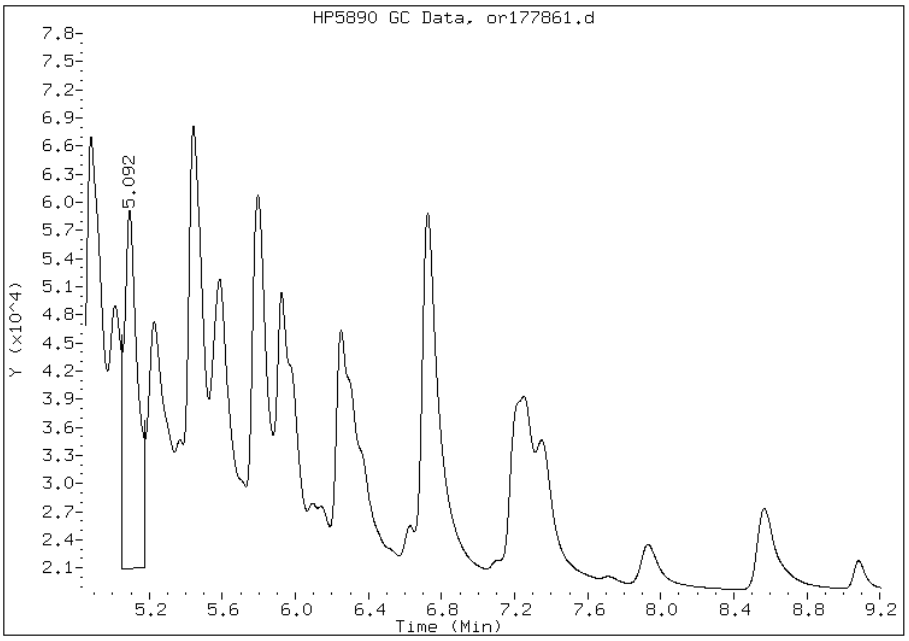
Manual Integration Results

RT: 5.09

Response: 192609

Amount: 761.59

Conc: 2600.00



Manually Integrated By: sita
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-14-VD-S (2.5-3.0) Lab Sample ID: 460-30837-22

Matrix: Solid Lab File ID: of177668.d

Analysis Method: 8082 Date Collected: 09/09/2011 10:05

Extraction Method: 3541 Date Extracted: 09/14/2011 05:06

Sample wt/vol: 15.00(g) Date Analyzed: 09/16/2011 16:22

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 3.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86753 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	112		30-150

Data File: of177668.d
Report Date: 20-Sep-2011 16:13

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep11/09-15-11/15sep11f.b/of177668.d
Lab Smp Id: 460-30837-F-22-B Client Smp ID: PMP-14-VD-S (2.5-3.
Inj Date : 16-SEP-2011 16:22
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-30837-F-22-B
Misc Info : 460-30837-F-22-B
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Sep11/09-15-11/15sep11f.b/08Of8082.m
Meth Date : 20-Sep-2011 16:12 sita Quant Type: ESTD
Cal Date : 29-AUG-2011 12:45 Cal File: of176825.d
Als bottle: 2
Dil Factor: 1.00000
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	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	3.59168	% Moisture

Cpnd Variable Local Compound Variable

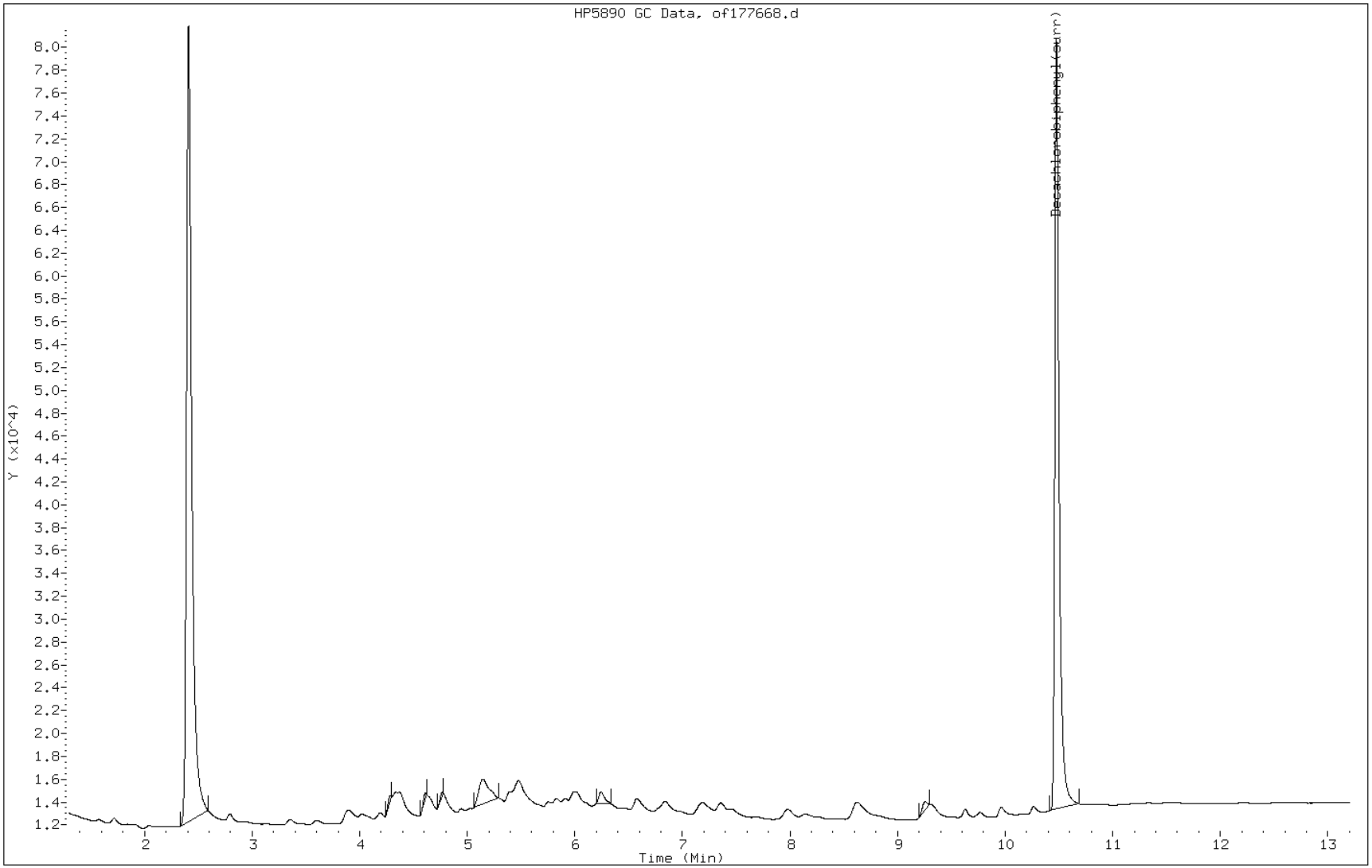
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.477	10.477	0.000	187040	56.0839	39	80.00- 120.00	100.00

Data File: of177668.d

Date: 16-SEP-2011 16:22

Client ID: PMP-14-VD-S (2.5-3. Instrument: PESTGC7.i

Sample Info: 460-30837-F-22-B Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-14-VD-S (2.5-3.0) Lab Sample ID: 460-30837-22

Matrix: Solid Lab File ID: or177668.d

Analysis Method: 8082 Date Collected: 09/09/2011 10:05

Extraction Method: 3541 Date Extracted: 09/14/2011 05:06

Sample wt/vol: 15.00(g) Date Analyzed: 09/16/2011 16:22

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 3.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86753 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	69	U	69	13
11104-28-2	Aroclor 1221	69	U	69	21
11141-16-5	Aroclor 1232	69	U	69	39
53469-21-9	Aroclor 1242	69	U	69	13
12672-29-6	Aroclor 1248	69	U	69	18
11097-69-1	Aroclor 1254	69	U	69	24
11096-82-5	Aroclor 1260	69	U	69	7.8
37324-23-5	Aroclor 1262	69	U	69	12
11100-14-4	Aroclor 1268	69	U	69	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	116		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep11/09-15-11/15sep11f.b/or177668.d
Lab Smp Id: 460-30837-F-22-B Client Smp ID: PMP-14-VD-S (2.5-3.
Inj Date : 16-SEP-2011 16:22
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-30837-F-22-B
Misc Info : 460-30837-F-22-B
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep11/09-15-11/15sep11f.b/08Or8082.m
Meth Date : 20-Sep-2011 16:06 sita Quant Type: ESTD
Cal Date : 29-AUG-2011 12:45 Cal File: or176825.d
Als bottle: 2
Dil Factor: 1.00000
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	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	3.59168	% 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		
9.350	9.350	0.000	204475	58.1280	40	80.00- 120.00	100.00(H)

QC Flag Legend

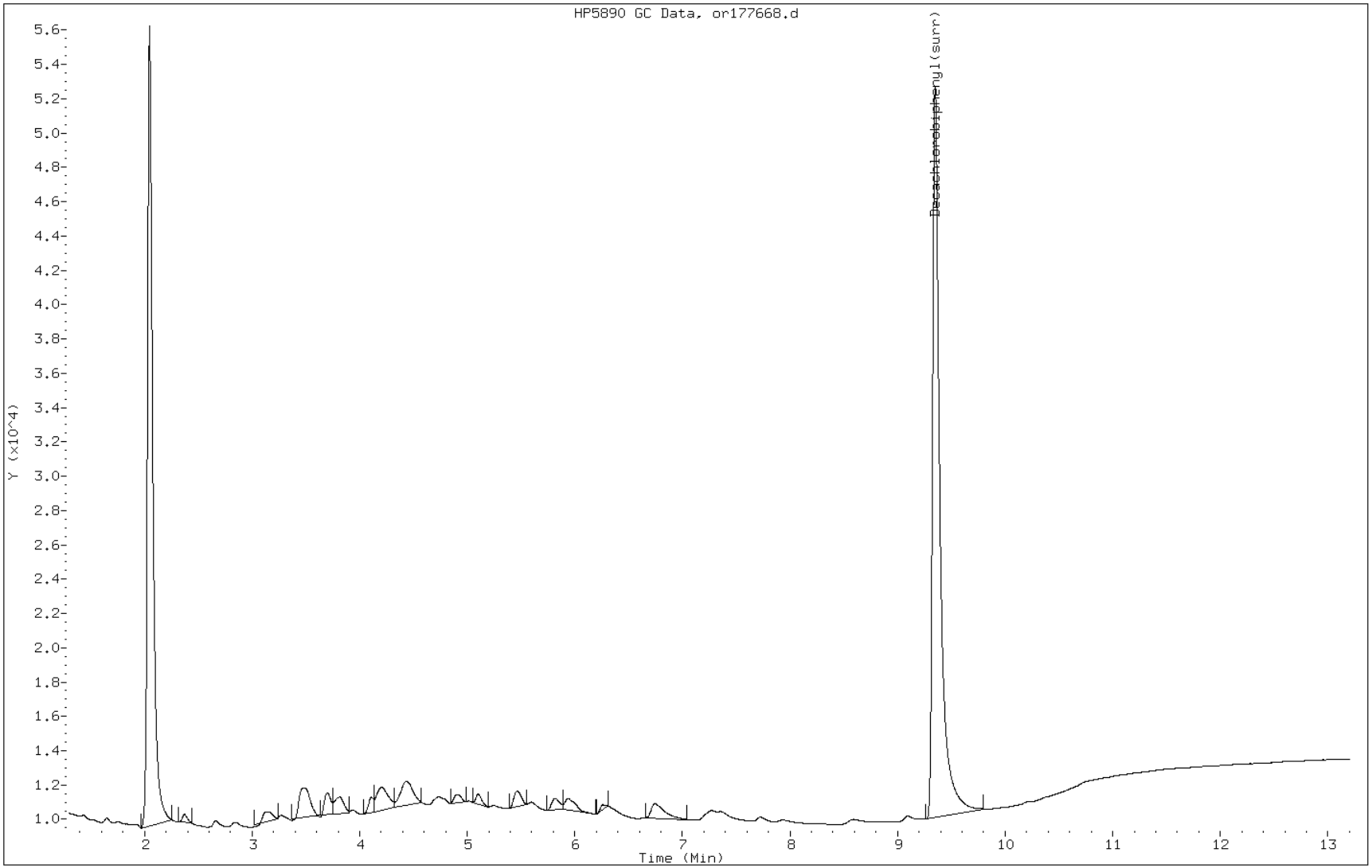
H - Operator selected an alternate compound hit.

Data File: or177668.d

Date: 16-SEP-2011 16:22

Client ID: PMP-14-VD-S (2.5-3. Instrument: PESTGC7.i

Sample Info: 460-30837-F-22-B Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-14-WT-S (7.0-7.5) Lab Sample ID: 460-30837-23

Matrix: Solid Lab File ID: of177669.d

Analysis Method: 8082 Date Collected: 09/09/2011 10:10

Extraction Method: 3541 Date Extracted: 09/14/2011 05:06

Sample wt/vol: 15.00(g) Date Analyzed: 09/16/2011 16:38

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 11.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86753 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	104		30-150

Data File: of177669.d
Report Date: 20-Sep-2011 16:13

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep11/09-15-11/15sep11f.b/of177669.d
Lab Smp Id: 460-30837-F-23-B Client Smp ID: PMP-14-WT-S (7.0-7.
Inj Date : 16-SEP-2011 16:38
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-30837-F-23-B
Misc Info : 460-30837-F-23-B
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Sep11/09-15-11/15sep11f.b/08Of8082.m
Meth Date : 20-Sep-2011 16:12 sita Quant Type: ESTD
Cal Date : 29-AUG-2011 12:45 Cal File: of176825.d
Als bottle: 3
Dil Factor: 1.00000
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	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	11.23810	% Moisture

Cpnd Variable Local Compound Variable

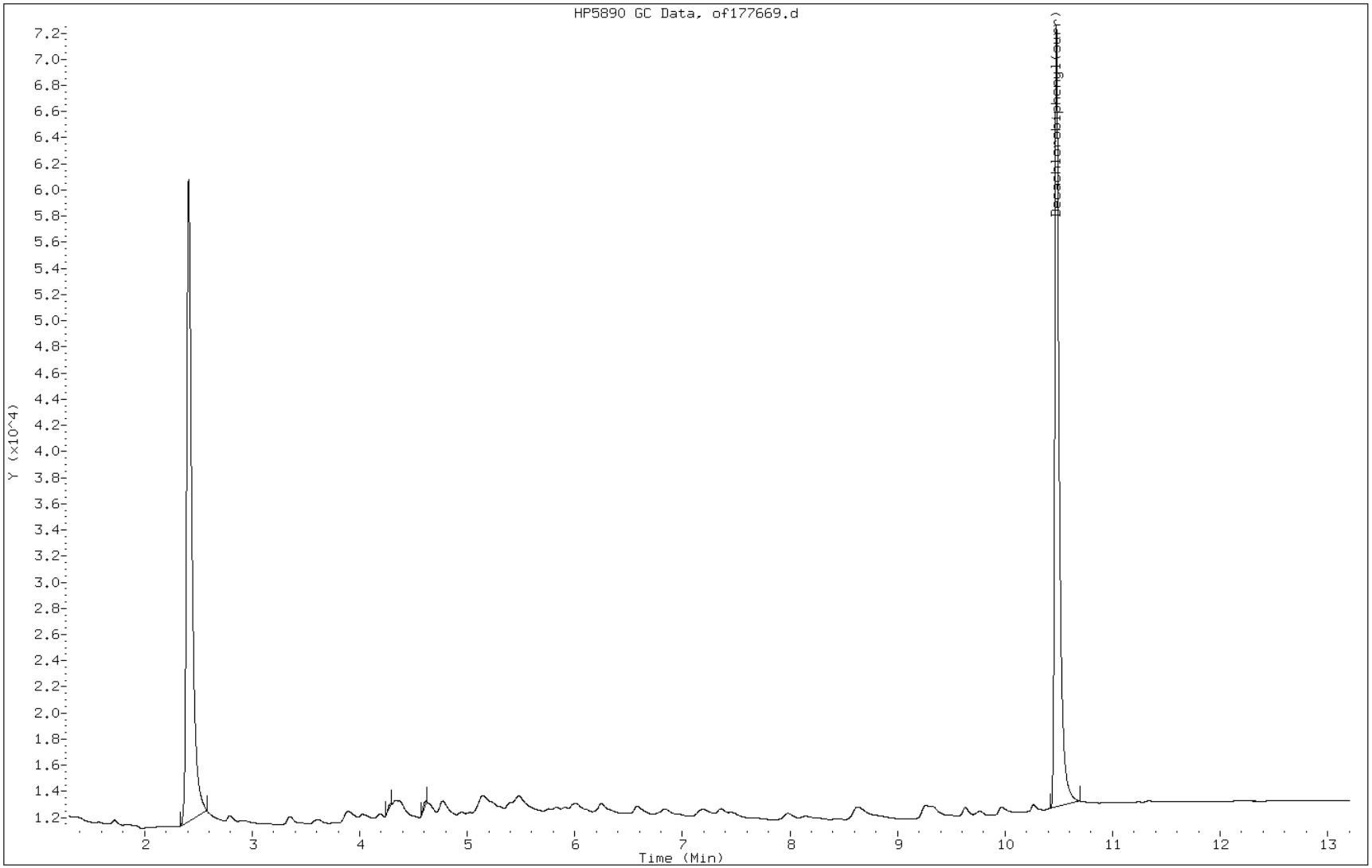
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.478	10.477	0.001	173936	52.1547	39	80.00- 120.00	100.00

Data File: of177669.d

Date: 16-SEP-2011 16:38

Client ID: PMP-14-WT-S (7.0-7. Instrument: PESTGC7.i

Sample Info: 460-30837-F-23-B Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-14-WT-S (7.0-7.5) Lab Sample ID: 460-30837-23

Matrix: Solid Lab File ID: or177669.d

Analysis Method: 8082 Date Collected: 09/09/2011 10:10

Extraction Method: 3541 Date Extracted: 09/14/2011 05:06

Sample wt/vol: 15.00(g) Date Analyzed: 09/16/2011 16:38

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 11.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86753 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	75	U	75	14
11104-28-2	Aroclor 1221	75	U	75	23
11141-16-5	Aroclor 1232	75	U	75	43
53469-21-9	Aroclor 1242	75	U	75	14
12672-29-6	Aroclor 1248	75	U	75	20
11097-69-1	Aroclor 1254	75	U	75	26
11096-82-5	Aroclor 1260	75	U	75	8.4
37324-23-5	Aroclor 1262	75	U	75	13
11100-14-4	Aroclor 1268	75	U	75	13

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/Sep11/09-15-11/15sep11f.b/or177669.d
Lab Smp Id: 460-30837-F-23-B Client Smp ID: PMP-14-WT-S (7.0-7.
Inj Date : 16-SEP-2011 16:38
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-30837-F-23-B
Misc Info : 460-30837-F-23-B
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep11/09-15-11/15sep11f.b/08Or8082.m
Meth Date : 20-Sep-2011 16:06 sita Quant Type: ESTD
Cal Date : 29-AUG-2011 12:45 Cal File: or176825.d
Als bottle: 3
Dil Factor: 1.00000
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	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	11.23810	% 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		
9.353	9.350	0.003	188105	53.4743	40	80.00- 120.00	100.00(H)

QC Flag Legend

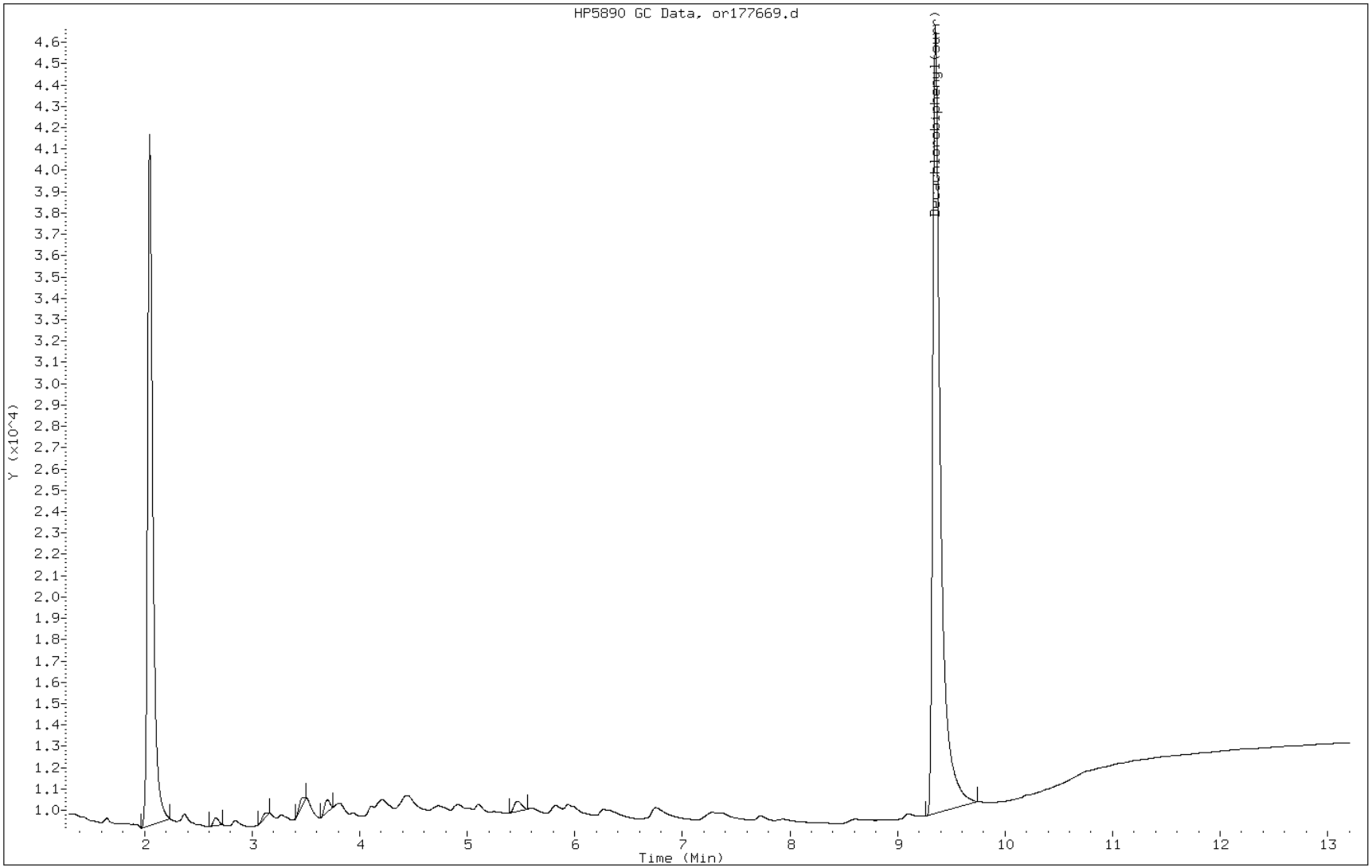
H - Operator selected an alternate compound hit.

Data File: or177669.d

Date: 16-SEP-2011 16:38

Client ID: PMP-14-WT-S (7.0-7. Instrument: PESTGC7.i

Sample Info: 460-30837-F-23-B Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-8-VS-S (0.5-1.0) | Lab Sample ID: 460-30837-24

Matrix: Solid | Lab File ID: of177863.d

Analysis Method: 8082 | Date Collected: 09/09/2011 10:15

Extraction Method: 3541 | Date Extracted: 09/14/2011 05:06

Sample wt/vol: 15.03(g) | Date Analyzed: 09/21/2011 14:51

Con. Extract Vol.: 10(mL) | Dilution Factor: 20

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 5.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86921 | 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/Sep11/09-21-11/21sep11b.b/of177863.d
Lab Smp Id: 460-30837-F-24-B Client Smp ID: PMP-8-VS-S (0.5-1.0
Inj Date : 21-SEP-2011 14:51
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-30837-F-24-B
Misc Info : 460-30837-F-24-B
Comment :
Method : /chem1/PESTGC7.i/8082/front/Sep11/09-21-11/21sep11b.b/08Of8082.m
Meth Date : 20-Sep-2011 08:59 sita Quant Type: ESTD
Cal Date : 29-AUG-2011 12:45 Cal File: of176825.d
Als bottle: 26
Dil Factor: 20.00000
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	20.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	5.56586	% 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		
3.347	3.323	0.024	210217	2359.21	33000	80.00- 120.00	100.00(M)
3.882	3.855	0.027	368961	2339.28	33000	141.61- 212.41	175.51
4.035	4.012	0.023	167356	1653.50	23000	90.87- 136.31	79.61
4.328	4.310	0.018	159631	1179.32	17000	121.53- 182.29	75.94
4.607	4.590	0.017	149147	1040.67	15000	128.67- 193.01	70.95
4.765	4.747	0.018	257563	1189.44	17000	194.42- 291.62	122.52
5.143	5.123	0.020	257546	1107.52	16000	208.78- 313.17	122.51
5.457	5.453	0.004	301203	984.942	14000	274.56- 411.84	143.28
Average of Peak Concentrations =					21000		

QC Flag Legend

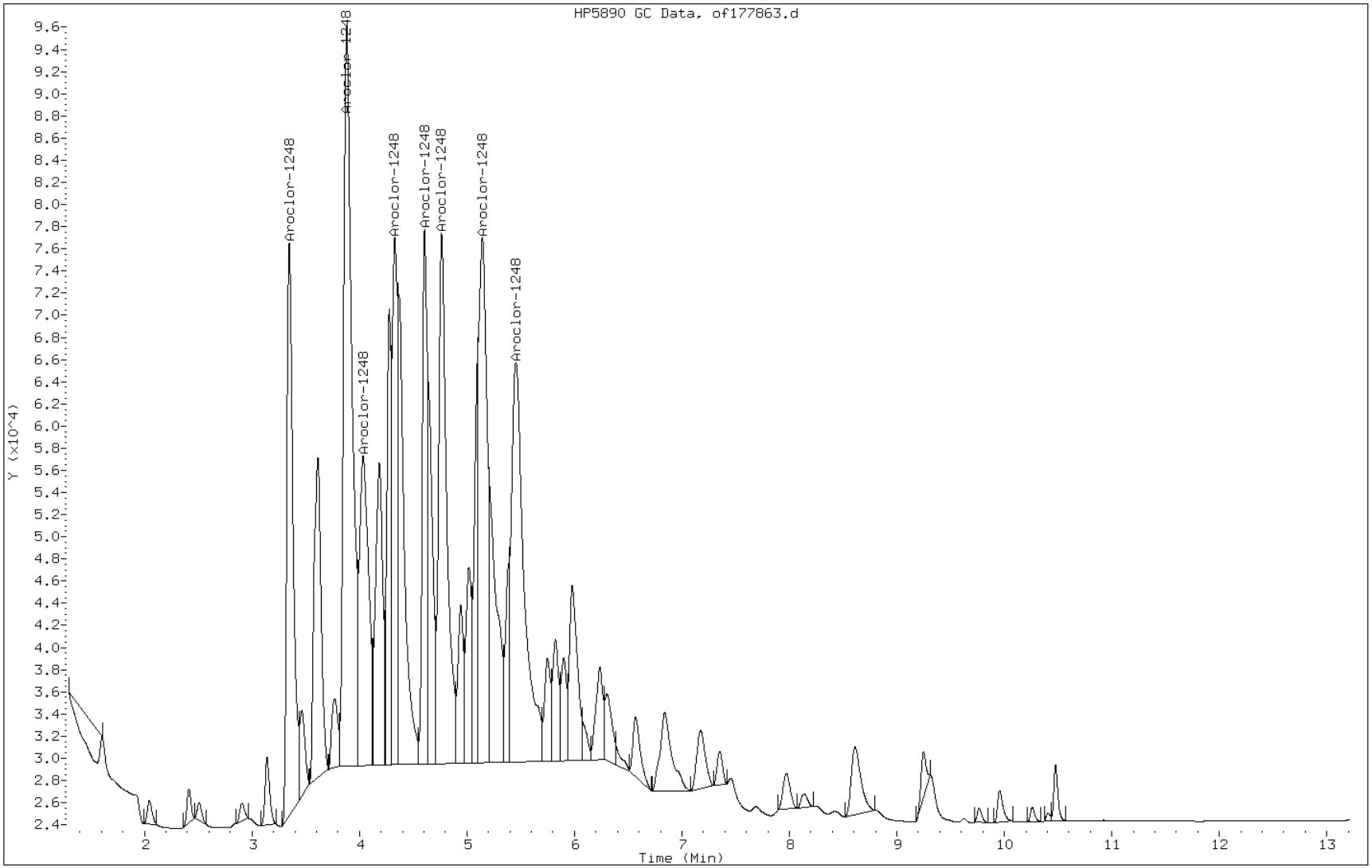
M - Compound response manually integrated.

Data File: of177863.d

Date: 21-SEP-2011 14:51

Client ID: PMP-8-VS-S (0.5-1.0 Instrument: PESTGC7.i

Sample Info: 460-30837-F-24-B Operator: 615



Manual Integration Report

Data File: of177863.d
Inj. Date and Time: 21-SEP-2011 14:51
Instrument ID: PESTGC7.i
Client ID: PMP-8-VS-S (0.5-1.0
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 09/22/2011

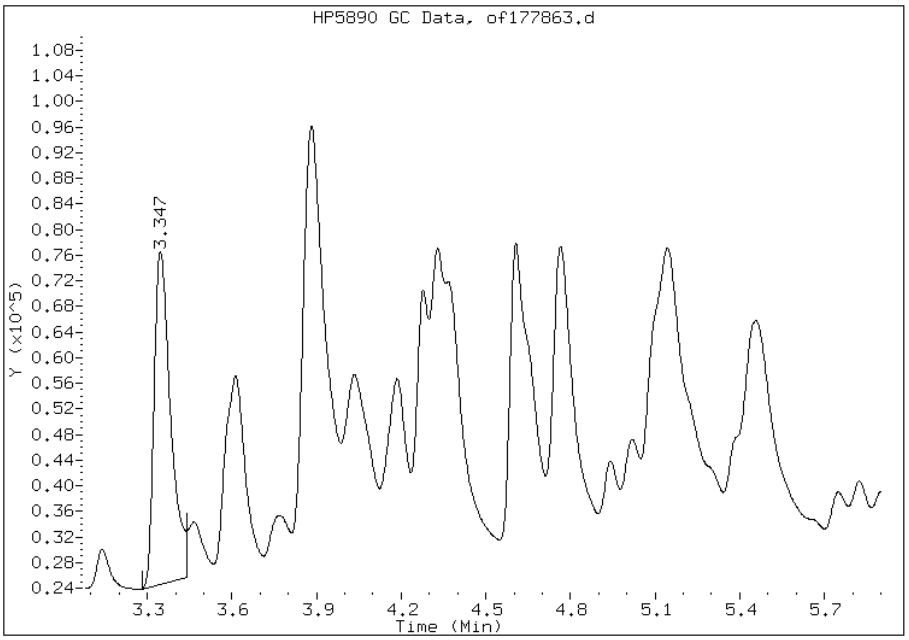
Processing Integration Results

RT: 3.35

Response: 212368

Amount: 1484.76

Conc: 21000.00



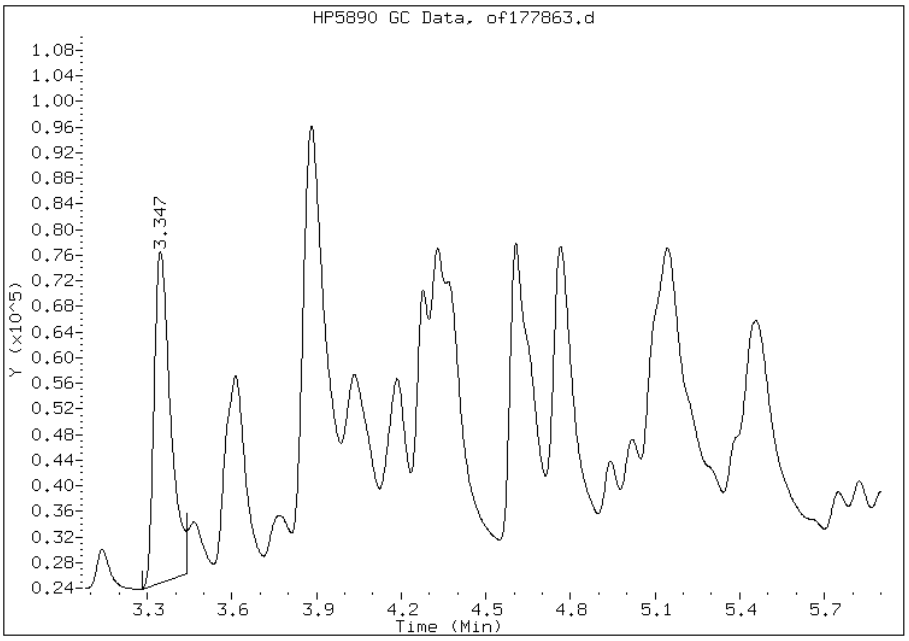
Manual Integration Results

RT: 3.35

Response: 210217

Amount: 1481.73

Conc: 21000.00



Manually Integrated By: sita
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-8-VS-S (0.5-1.0) Lab Sample ID: 460-30837-24

Matrix: Solid Lab File ID: or177863.d

Analysis Method: 8082 Date Collected: 09/09/2011 10:15

Extraction Method: 3541 Date Extracted: 09/14/2011 05:06

Sample wt/vol: 15.03(g) Date Analyzed: 09/21/2011 14:51

Con. Extract Vol.: 10(mL) Dilution Factor: 20

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 5.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86921 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	1400	U	1400	270
11104-28-2	Aroclor 1221	1400	U	1400	430
11141-16-5	Aroclor 1232	1400	U	1400	800
53469-21-9	Aroclor 1242	1400	U	1400	270
12672-29-6	Aroclor 1248	23000		1400	380
11097-69-1	Aroclor 1254	1400	U	1400	480
11096-82-5	Aroclor 1260	1400	U	1400	160
37324-23-5	Aroclor 1262	1400	U	1400	240
11100-14-4	Aroclor 1268	1400	U	1400	240

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	30-150

Data File: or177863.d
Report Date: 22-Sep-2011 07:49

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep11/09-21-11/21sep11b.b/or177863.d
Lab Smp Id: 460-30837-F-24-B Client Smp ID: PMP-8-VS-S (0.5-1.0
Inj Date : 21-SEP-2011 14:51
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-30837-F-24-B
Misc Info : 460-30837-F-24-B
Comment   :
Method   : /chem1/PESTGC7.i/8082/rear/Sep11/09-21-11/21sep11b.b/08Or8082.m
Meth Date : 22-Sep-2011 07:48 sita Quant Type: ESTD
Cal Date : 29-AUG-2011 12:45 Cal File: or176825.d
Als bottle: 26
Dil Factor: 20.00000
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	20.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	5.56586	% 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		
2.660	2.657	0.003	144434	2292.82	32000	80.00- 120.00	100.00(M)
3.122	3.113	0.009	0			145.75- 218.63	0.00
3.265	3.258	0.007	101635	1585.64	22000	70.06- 105.09	70.37
3.463	3.460	0.003	148088	894.327	13000	69.80- 104.71	102.53
3.692	3.688	0.004	167227	1057.01	15000	67.13- 100.69	115.78
3.800	3.797	0.003	205202	2403.99	34000	29.78- 44.67	142.07
3.937	3.932	0.005	66305	1099.69	15000	23.28- 34.92	45.91
4.420	4.408	0.012	281648	2048.78	29000	62.15- 93.22	195.00
Average of Peak Concentrations =					23000		

Data File: or177863.d
Report Date: 22-Sep-2011 07:49

QC Flag Legend

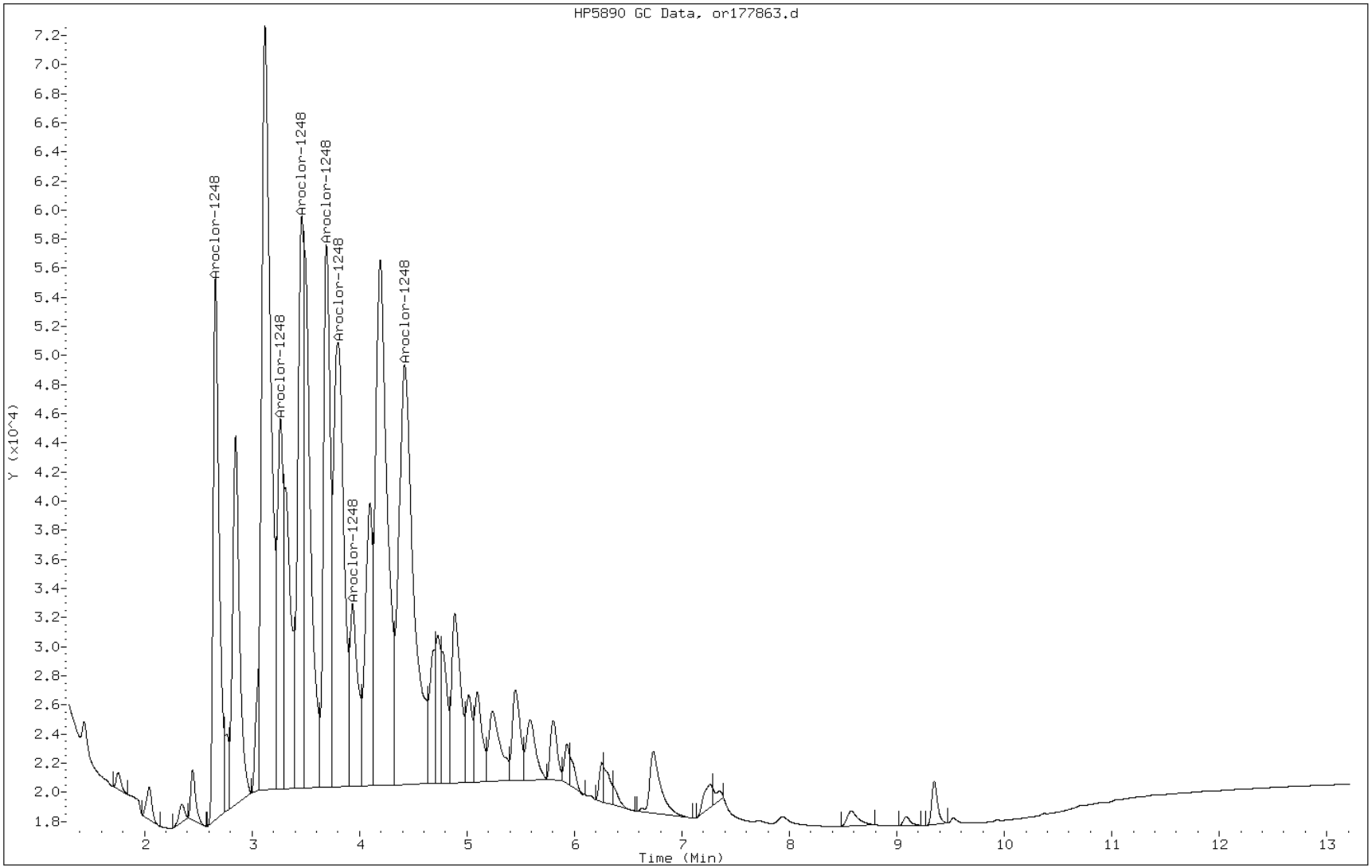
M - Compound response manually integrated.

Data File: or177863.d

Date: 21-SEP-2011 14:51

Client ID: PMP-8-VS-S (0.5-1.0 Instrument: PESTGC7.i

Sample Info: 460-30837-F-24-B Operator: 615



Manual Integration Report

Data File: or177863.d
Inj. Date and Time: 21-SEP-2011 14:51
Instrument ID: PESTGC7.i
Client ID: PMP-8-VS-S (0.5-1.0
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 09/22/2011

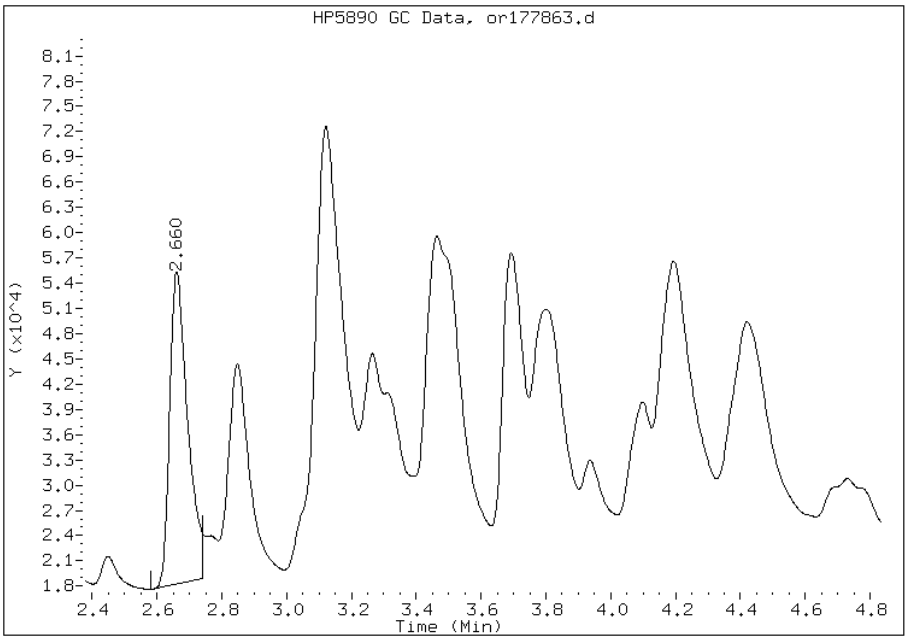
Processing Integration Results

RT: 2.66

Response: 142872

Amount: 1804.26

Conc: 25000.00



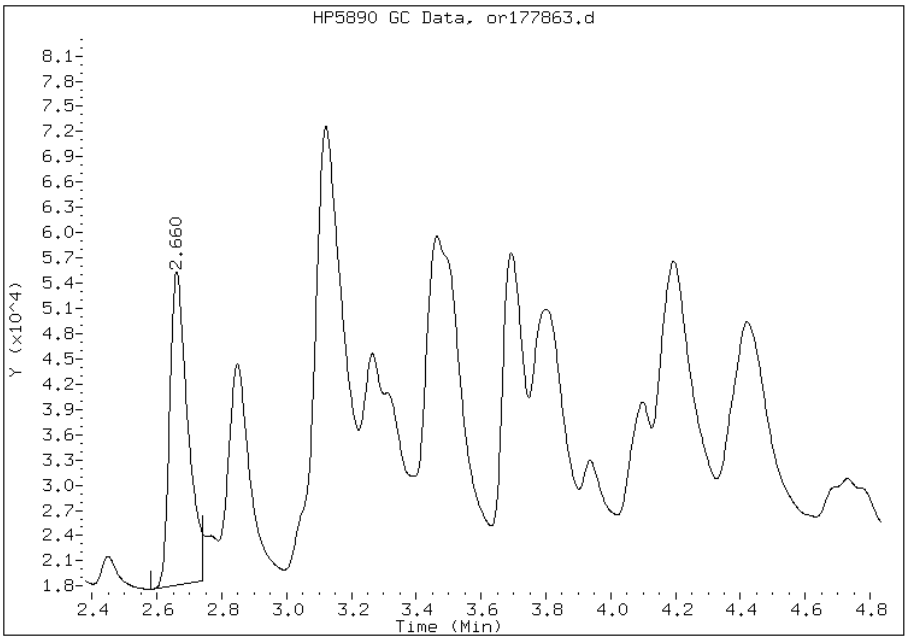
Manual Integration Results

RT: 2.66

Response: 144434

Amount: 1626.04

Conc: 23000.00



Manually Integrated By: sita
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-8-VD-S (2.5-3.0) Lab Sample ID: 460-30837-25

Matrix: Solid Lab File ID: of177671.d

Analysis Method: 8082 Date Collected: 09/09/2011 10:20

Extraction Method: 3541 Date Extracted: 09/14/2011 05:06

Sample wt/vol: 15.00(g) Date Analyzed: 09/16/2011 17:11

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 3.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86753 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	104		30-150

Data File: of177671.d
Report Date: 20-Sep-2011 16:14

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep11/09-15-11/15sep11f.b/of177671.d
Lab Smp Id: 460-30837-F-25-B Client Smp ID: PMP-8-VD-S (2.5-3.0
Inj Date : 16-SEP-2011 17:11
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-30837-F-25-B
Misc Info : 460-30837-F-25-B
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Sep11/09-15-11/15sep11f.b/08Of8082.m
Meth Date : 20-Sep-2011 16:12 sita Quant Type: ESTD
Cal Date : 29-AUG-2011 12:45 Cal File: of176825.d
Als bottle: 5
Dil Factor: 1.00000
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	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	3.70370	% 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		
3.348	3.323	0.025	56181	630.503	440	80.00- 120.00	100.00(M)
3.885	3.855	0.030	62257	394.721	270	141.61- 212.41	110.82
4.032	4.012	0.020	35848	354.184	240	90.87- 136.31	63.81
4.332	4.310	0.022	32024	236.586	160	121.53- 182.29	57.00
4.610	4.590	0.020	32539	227.041	160	128.67- 193.01	57.92
4.770	4.747	0.023	41143	190.000	130	194.42- 291.62	73.23
5.145	5.123	0.022	41421	178.122	120	208.78- 313.17	73.73
5.472	5.453	0.019	36168	118.270	82	274.56- 411.84	64.38
Average of Peak Concentrations =					200		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.477	10.477	0.000	173325	51.9714	36	80.00- 120.00	100.00

Data File: of177671.d
Report Date: 20-Sep-2011 16:14

QC Flag Legend

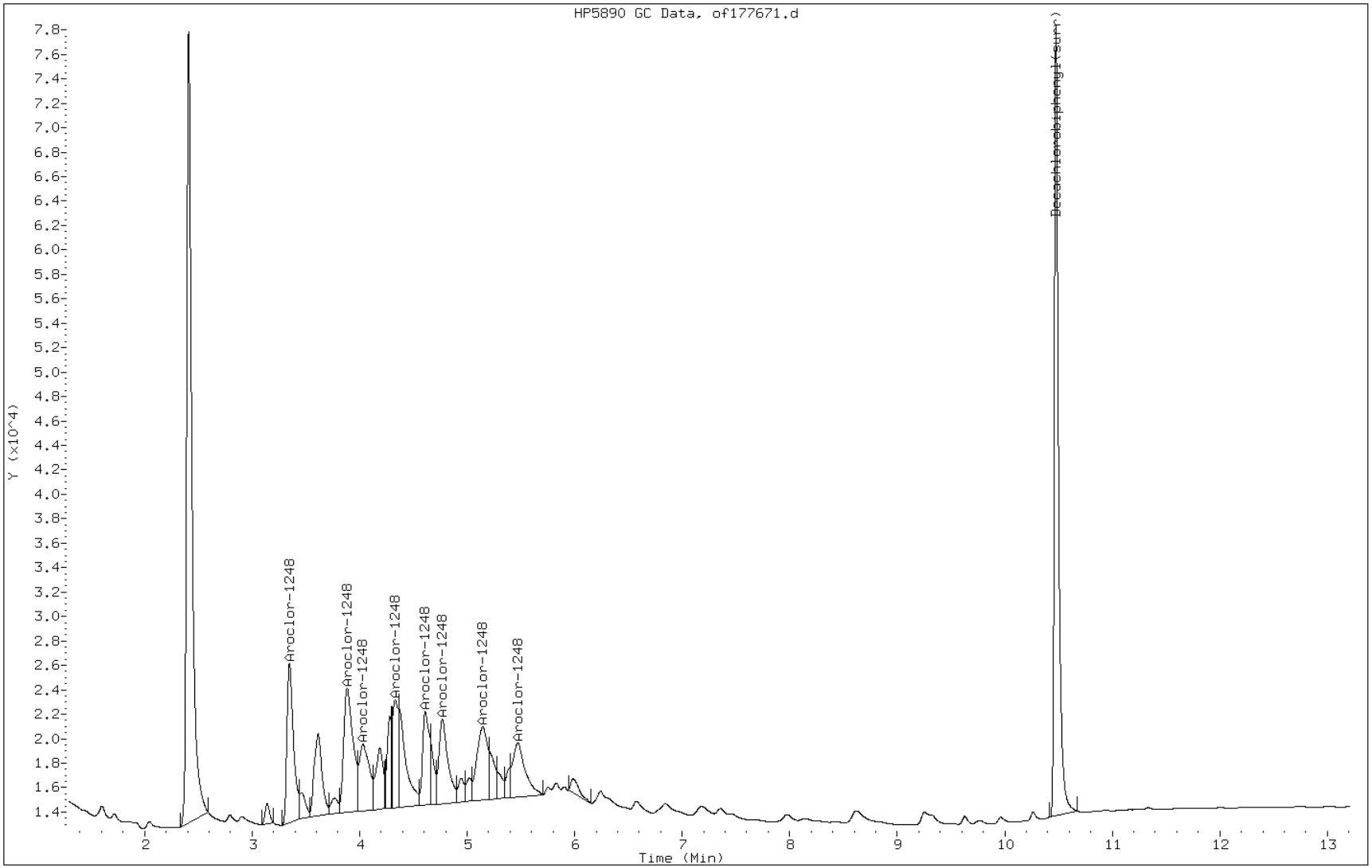
M - Compound response manually integrated.

Data File: of177671.d

Date: 16-SEP-2011 17:11

Client ID: PMP-8-VD-S (2.5-3.0 Instrument: PESTGC7.i

Sample Info: 460-30837-F-25-B Operator: 615



Manual Integration Report

Data File: of177671.d
Inj. Date and Time: 16-SEP-2011 17:11
Instrument ID: PESTGC7.i
Client ID: PMP-8-VD-S (2.5-3.0
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 09/21/2011

Processing Integration Results

Not Detected

Expected RT: 3.32

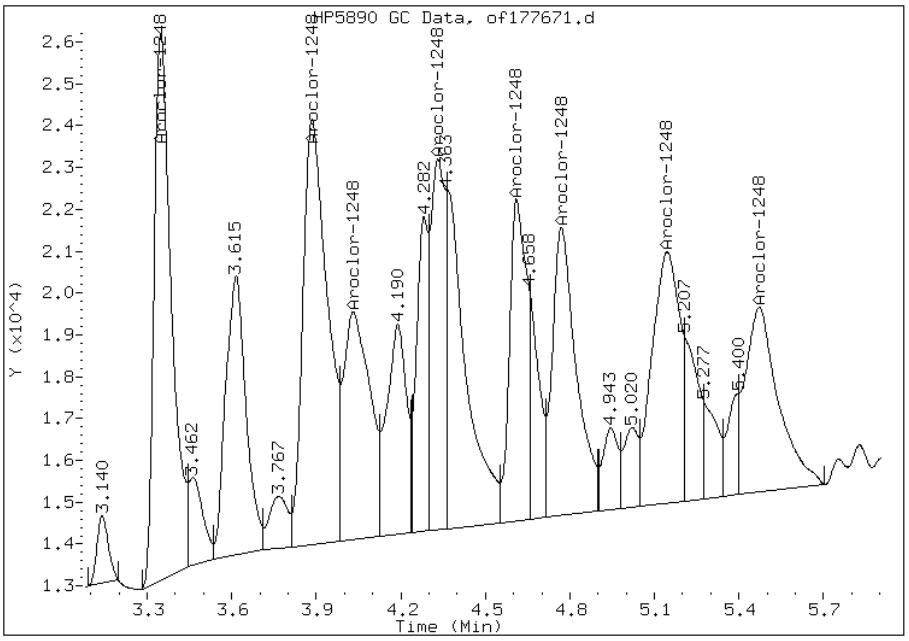
Manual Integration Results

RT: 3.35

Response: 56181

Amount: 291.18

Conc: 200.00



Manually Integrated By: sita
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-8-VD-S (2.5-3.0) Lab Sample ID: 460-30837-25

Matrix: Solid Lab File ID: or177671.d

Analysis Method: 8082 Date Collected: 09/09/2011 10:20

Extraction Method: 3541 Date Extracted: 09/14/2011 05:06

Sample wt/vol: 15.00(g) Date Analyzed: 09/16/2011 17:11

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 3.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86753 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	70	U	70	13
11104-28-2	Aroclor 1221	70	U	70	21
11141-16-5	Aroclor 1232	70	U	70	39
53469-21-9	Aroclor 1242	70	U	70	13
12672-29-6	Aroclor 1248	260		70	18
11097-69-1	Aroclor 1254	70	U	70	24
11096-82-5	Aroclor 1260	70	U	70	7.8
37324-23-5	Aroclor 1262	70	U	70	12
11100-14-4	Aroclor 1268	70	U	70	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/Sep11/09-15-11/15sep11f.b/or177671.d
Lab Smp Id: 460-30837-F-25-B Client Smp ID: PMP-8-VD-S (2.5-3.0
Inj Date : 16-SEP-2011 17:11
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-30837-F-25-B
Misc Info : 460-30837-F-25-B
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep11/09-15-11/15sep11f.b/08Or8082.m
Meth Date : 20-Sep-2011 16:06 sita Quant Type: ESTD
Cal Date : 29-AUG-2011 12:45 Cal File: or176825.d
Als bottle: 5
Dil Factor: 1.00000
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	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	3.70370	% 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		
2.660	2.657	0.003	43385	688.716	480	80.00- 120.00	100.00(M)
3.122	3.113	0.009	55480	470.054	320	145.75- 218.63	127.88
3.267	3.258	0.009	32518	507.325	350	70.06- 105.09	74.95
3.467	3.460	0.007	65153	393.469	270	69.80- 104.71	150.17
3.695	3.688	0.007	29146	184.227	130	67.13- 100.69	67.18
3.803	3.797	0.006	32321	378.648	260	29.78- 44.67	74.50
3.933	3.932	0.001	9334	154.808	110	23.28- 34.92	21.51
4.425	4.408	0.017	32395	235.650	160	62.15- 93.22	74.67
Average of Peak Concentrations =					260		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.348	9.350	-0.002	188456	53.5741	37	80.00- 120.00	100.00

QC Flag Legend

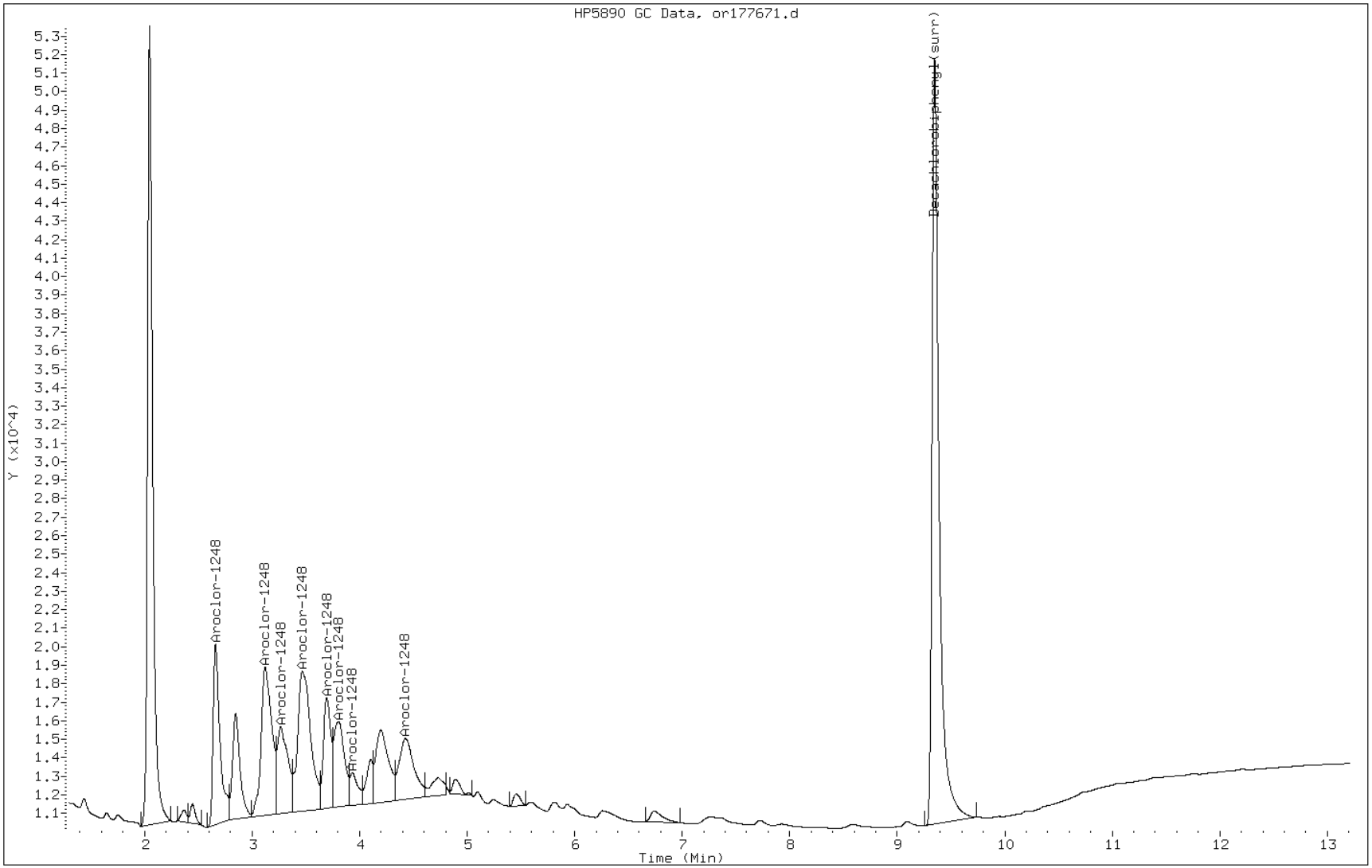
M - Compound response manually integrated.

Data File: or177671.d

Date: 16-SEP-2011 17:11

Client ID: PMP-8-VD-S (2.5-3.0 Instrument: PESTGC7.i

Sample Info: 460-30837-F-25-B Operator: 615



Manual Integration Report

Data File: or177671.d
Inj. Date and Time: 16-SEP-2011 17:11
Instrument ID: PESTGC7.i
Client ID: PMP-8-VD-S (2.5-3.0
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 09/21/2011

Processing Integration Results

Not Detected

Expected RT: 2.66

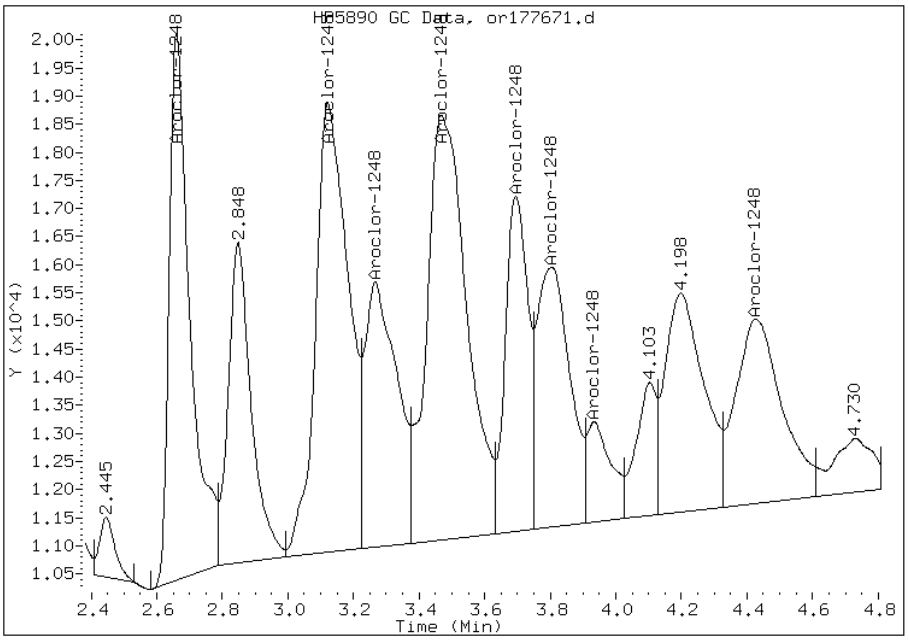
Manual Integration Results

RT: 2.66

Response: 43385

Amount: 376.61

Conc: 260.00



Manually Integrated By: sita
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-8-WT-S (7.0-7.5) Lab Sample ID: 460-30837-26

Matrix: Solid Lab File ID: of177672.d

Analysis Method: 8082 Date Collected: 09/09/2011 10:25

Extraction Method: 3541 Date Extracted: 09/14/2011 05:06

Sample wt/vol: 15.00(g) Date Analyzed: 09/16/2011 17:28

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 12.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86753 Units: ug/Kg

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/front/Sep11/09-15-11/15sep11f.b/of177672.d
Lab Smp Id: 460-30837-F-26-B Client Smp ID: PMP-8-WT-S (7.0-7.5
Inj Date : 16-SEP-2011 17:28
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-30837-F-26-B
Misc Info : 460-30837-F-26-B
Comment :
Method : /chem1/PESTGC7.i/8082/front/Sep11/09-15-11/15sep11f.b/08Of8082.m
Meth Date : 20-Sep-2011 16:12 sita Quant Type: ESTD
Cal Date : 29-AUG-2011 12:45 Cal File: of176825.d
Als bottle: 6
Dil Factor: 1.00000
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	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	12.34783	% 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		
3.350	3.323	0.027	18804	211.032	160	80.00- 120.00	100.00(M)
3.887	3.855	0.032	27903	176.910	130	141.61- 212.41	148.39
4.028	4.012	0.016	7173	70.8703	54	90.87- 136.31	38.15
4.333	4.310	0.023	19878	146.854	110	121.53- 182.29	105.71
4.612	4.590	0.022	17162	119.748	91	128.67- 193.01	91.27
4.770	4.747	0.023	25719	118.771	90	194.42- 291.62	136.77
5.143	5.123	0.020	32038	137.772	100	208.78- 313.17	170.38
5.473	5.453	0.020	26493	86.6328	66	274.56- 411.84	140.89
Average of Peak Concentrations =					100		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.475	10.477	-0.002	165710	49.6881	38	80.00- 120.00	100.00

QC Flag Legend

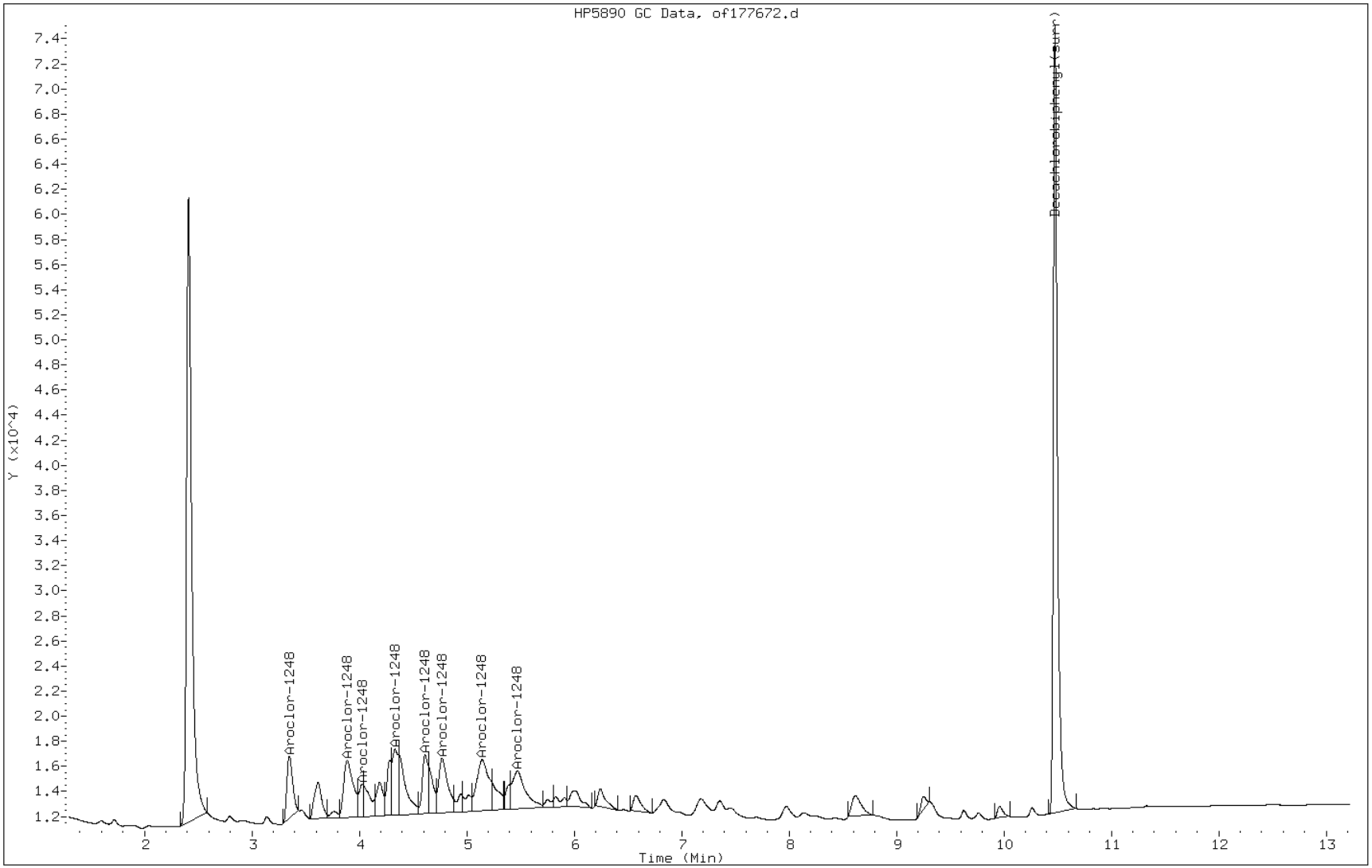
M - Compound response manually integrated.

Data File: of177672.d

Date: 16-SEP-2011 17:28

Client ID: PMP-8-WT-S (7.0-7.5 Instrument: PESTGC7.i

Sample Info: 460-30837-F-26-B Operator: 615



Manual Integration Report

Data File: of177672.d
Inj. Date and Time: 16-SEP-2011 17:28
Instrument ID: PESTGC7.i
Client ID: PMP-8-WT-S (7.0-7.5
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 09/21/2011

Processing Integration Results

Not Detected

Expected RT: 3.32

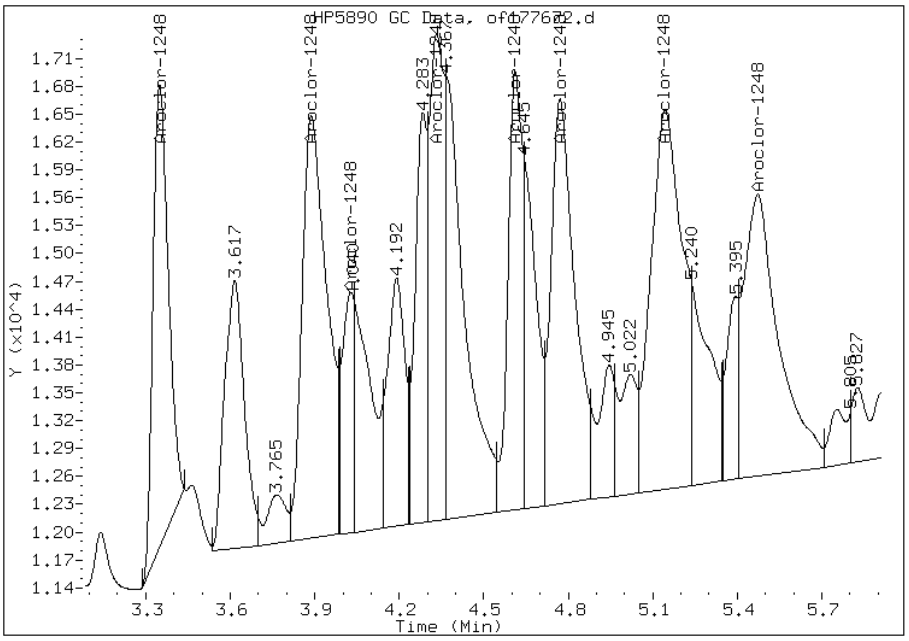
Manual Integration Results

RT: 3.35

Response: 18804

Amount: 133.57

Conc: 100.00



Manually Integrated By: sita
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-8-WT-S (7.0-7.5) | Lab Sample ID: 460-30837-26

Matrix: Solid | Lab File ID: or177672.d

Analysis Method: 8082 | Date Collected: 09/09/2011 10:25

Extraction Method: 3541 | Date Extracted: 09/14/2011 05:06

Sample wt/vol: 15.00(g) | Date Analyzed: 09/16/2011 17:28

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 12.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86753 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	76	U	76	15
11104-28-2	Aroclor 1221	76	U	76	23
11141-16-5	Aroclor 1232	76	U	76	43
53469-21-9	Aroclor 1242	76	U	76	14
12672-29-6	Aroclor 1248	110		76	20
11097-69-1	Aroclor 1254	76	U	76	26
11096-82-5	Aroclor 1260	76	U	76	8.5
37324-23-5	Aroclor 1262	76	U	76	13
11100-14-4	Aroclor 1268	76	U	76	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	103		30-150

Data File: or177672.d
Report Date: 20-Sep-2011 16:18

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep11/09-15-11/15sep11f.b/or177672.d
Lab Smp Id: 460-30837-F-26-B Client Smp ID: PMP-8-WT-S (7.0-7.5
Inj Date : 16-SEP-2011 17:28
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-30837-F-26-B
Misc Info : 460-30837-F-26-B
Comment   :
Method   : /chem1/PESTGC7.i/8082/rear/Sep11/09-15-11/15sep11f.b/08Or8082.m
Meth Date : 20-Sep-2011 16:06 sita Quant Type: ESTD
Cal Date : 29-AUG-2011 12:45 Cal File: or176825.d
Als bottle: 6
Dil Factor: 1.00000
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	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	12.34783	% 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		
2.662	2.657	0.005	15987	253.796	190	80.00- 120.00	100.00(M)
3.123	3.113	0.010	20950	177.505	140	145.75- 218.63	120.40
3.268	3.258	0.010	10104	157.644	120	70.06- 105.09	58.07
3.468	3.460	0.008	28460	171.877	130	69.80- 104.71	163.56
3.697	3.688	0.009	13855	87.5796	67	67.13- 100.69	79.63
3.807	3.797	0.010	15378	180.157	140	29.78- 44.67	88.37
3.935	3.932	0.003	3189	52.8950	40	23.28- 34.92	18.33
4.425	4.408	0.017	15478	112.592	86	62.15- 93.22	88.95
Average of Peak Concentrations =					110		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.347	9.350	-0.003	180802	51.3982	39	80.00- 120.00	100.00

Data File: or177672.d
Report Date: 20-Sep-2011 16:18

QC Flag Legend

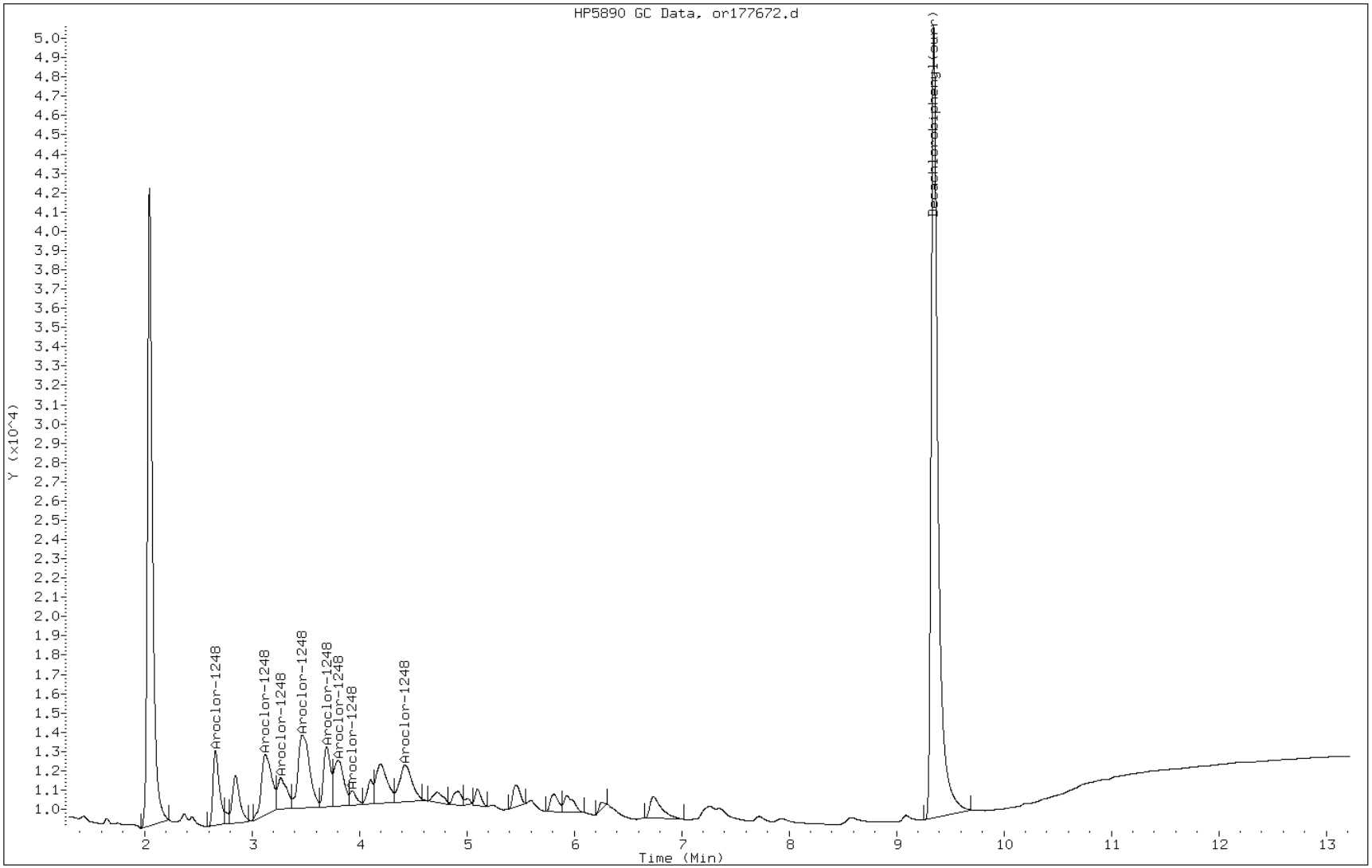
M - Compound response manually integrated.

Data File: or177672.d

Date: 16-SEP-2011 17:28

Client ID: PMP-8-WT-S (7.0-7.5 Instrument: PESTGC7.i

Sample Info: 460-30837-F-26-B Operator: 615



Manual Integration Report

Data File: or177672.d
Inj. Date and Time: 16-SEP-2011 17:28
Instrument ID: PESTGC7.i
Client ID: PMP-8-WT-S (7.0-7.5
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 09/21/2011

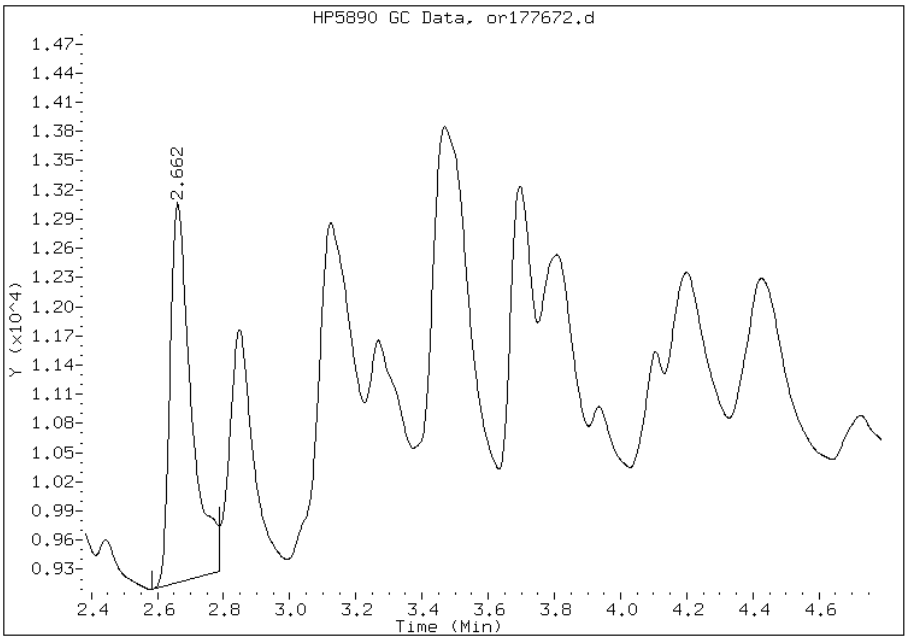
Processing Integration Results

RT: 2.66

Response: 17401

Amount: 192.92

Conc: 150.00



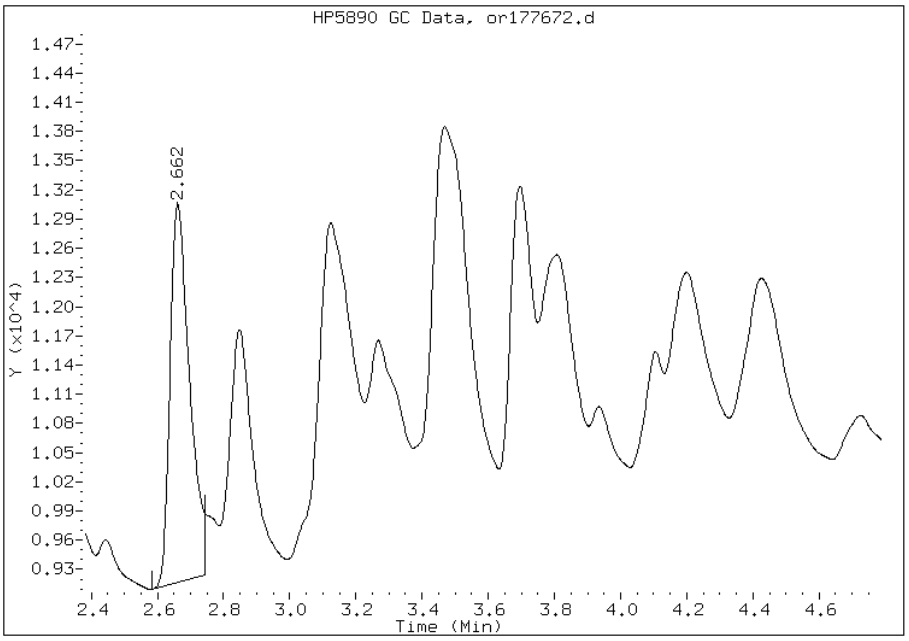
Manual Integration Results

RT: 2.66

Response: 15987

Amount: 149.26

Conc: 110.00



Manually Integrated By: sita
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-4-VS-S (0.5-1.0) Lab Sample ID: 460-30837-27

Matrix: Solid Lab File ID: of177865.d

Analysis Method: 8082 Date Collected: 09/09/2011 10:30

Extraction Method: 3541 Date Extracted: 09/14/2011 05:06

Sample wt/vol: 15.00(g) Date Analyzed: 09/21/2011 15:26

Con. Extract Vol.: 10(mL) Dilution Factor: 200

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 7.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86921 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/Sep11/09-21-11/21sep11b.b/of177865.d
Lab Smp Id: 460-30837-F-27-B Client Smp ID: PMP-4-VS-S (0.5-1.0
Inj Date : 21-SEP-2011 15:26
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-30837-F-27-B
Misc Info : 460-30837-F-27-B
Comment :
Method : /chem1/PESTGC7.i/8082/front/Sep11/09-21-11/21sep11b.b/08Of8082.m
Meth Date : 20-Sep-2011 08:59 sita Quant Type: ESTD
Cal Date : 29-AUG-2011 12:45 Cal File: of176825.d
Als bottle: 28
Dil Factor: 200.00000
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	200.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	7.94824	% 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		
3.357	3.323	0.034	76920	863.251	120000	80.00- 120.00	100.00(M)
3.893	3.855	0.038	253366	1606.39	230000	141.61- 212.41	329.39
4.020	4.012	0.008	86135	851.027	120000	90.87- 136.31	111.98
4.333	4.310	0.023	162660	1201.69	170000	121.53- 182.29	211.47
4.610	4.590	0.020	173117	1207.92	170000	128.67- 193.01	225.06
4.770	4.747	0.023	330659	1527.00	220000	194.42- 291.62	429.87
5.152	5.123	0.029	300390	1291.76	190000	208.78- 313.17	390.52
5.468	5.453	0.015	393646	1287.23	190000	274.56- 411.84	511.76
Average of Peak Concentrations =					180000		

QC Flag Legend

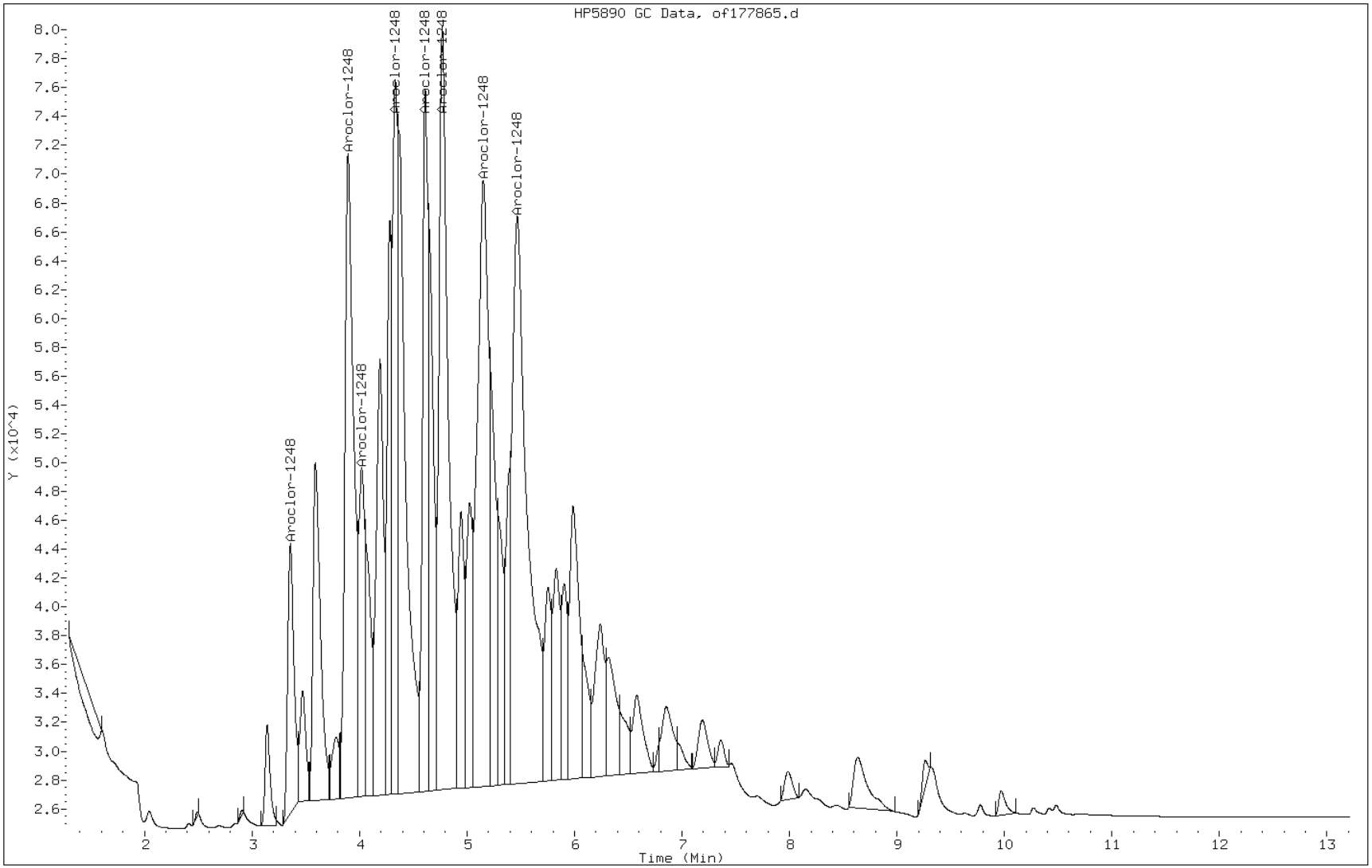
M - Compound response manually integrated.

Data File: of177865.d

Date: 21-SEP-2011 15:26

Client ID: PMP-4-VS-S (0.5-1.0 Instrument: PESTGC7.i

Sample Info: 460-30837-F-27-B Operator: 615



Manual Integration Report

Data File: of177865.d
Inj. Date and Time: 21-SEP-2011 15:26
Instrument ID: PESTGC7.i
Client ID: PMP-4-VS-S (0.5-1.0
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 09/22/2011

Processing Integration Results

Not Detected

Expected RT: 3.32

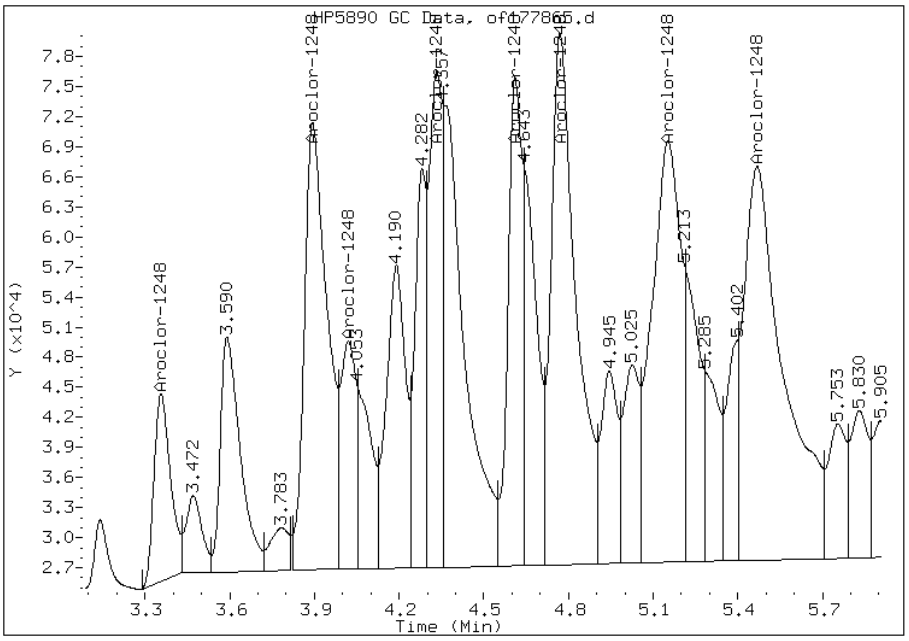
Manual Integration Results

RT: 3.36

Response: 76920

Amount: 1229.53

Conc: 180000.00



Manually Integrated By: sita
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-4-VS-S (0.5-1.0) Lab Sample ID: 460-30837-27

Matrix: Solid Lab File ID: or177865.d

Analysis Method: 8082 Date Collected: 09/09/2011 10:30

Extraction Method: 3541 Date Extracted: 09/14/2011 05:06

Sample wt/vol: 15.00(g) Date Analyzed: 09/21/2011 15:26

Con. Extract Vol.: 10(mL) Dilution Factor: 200

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 7.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86921 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	15000	U	15000	2800
11104-28-2	Aroclor 1221	15000	U	15000	4400
11141-16-5	Aroclor 1232	15000	U	15000	8300
53469-21-9	Aroclor 1242	15000	U	15000	2800
12672-29-6	Aroclor 1248	210000		15000	3900
11097-69-1	Aroclor 1254	15000	U	15000	5000
11096-82-5	Aroclor 1260	15000	U	15000	1600
37324-23-5	Aroclor 1262	15000	U	15000	2500
11100-14-4	Aroclor 1268	15000	U	15000	2500

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	30-150

Data File: or177865.d
Report Date: 22-Sep-2011 07:49

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep11/09-21-11/21sep11b.b/or177865.d
Lab Smp Id: 460-30837-F-27-B Client Smp ID: PMP-4-VS-S (0.5-1.0
Inj Date : 21-SEP-2011 15:26
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-30837-F-27-B
Misc Info : 460-30837-F-27-B
Comment   :
Method   : /chem1/PESTGC7.i/8082/rear/Sep11/09-21-11/21sep11b.b/08Or8082.m
Meth Date : 22-Sep-2011 07:48 sita Quant Type: ESTD
Cal Date : 29-AUG-2011 12:45 Cal File: or176825.d
Als bottle: 28
Dil Factor: 200.00000
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	200.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	7.94824	% 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		
2.668	2.657	0.011	57412	911.388	130000	80.00- 120.00	100.00(M)
3.135	3.113	0.022	223628	1894.69	270000	145.75- 218.63	389.51
3.273	3.258	0.015	57864	902.757	130000	70.06- 105.09	100.79
3.473	3.460	0.013	321301	1940.39	280000	69.80- 104.71	559.64
3.700	3.688	0.012	174941	1105.77	160000	67.13- 100.69	304.71
3.808	3.797	0.011	0			29.78- 44.67	0.00
3.938	3.932	0.006	81700	1355.03	200000	23.28- 34.92	142.30
4.433	4.408	0.025	311726	2267.58	330000	62.15- 93.22	542.96
Average of Peak Concentrations =					210000		

Data File: or177865.d
Report Date: 22-Sep-2011 07:49

QC Flag Legend

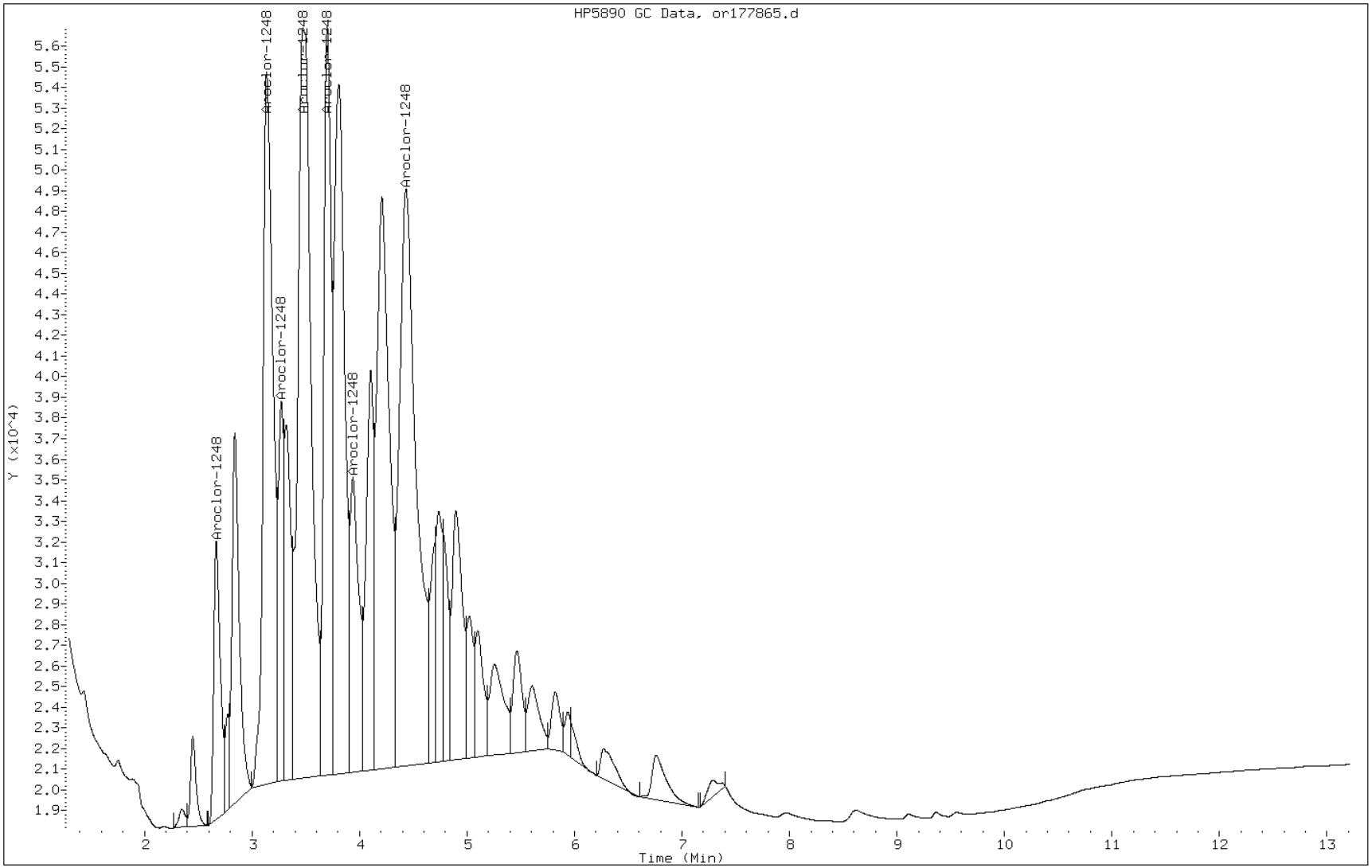
M - Compound response manually integrated.

Data File: or177865.d

Date: 21-SEP-2011 15:26

Client ID: PMP-4-VS-S (0.5-1.0 Instrument: PESTGC7.i

Sample Info: 460-30837-F-27-B Operator: 615



Manual Integration Report

Data File: or177865.d
Inj. Date and Time: 21-SEP-2011 15:26
Instrument ID: PESTGC7.i
Client ID: PMP-4-VS-S (0.5-1.0
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 09/22/2011

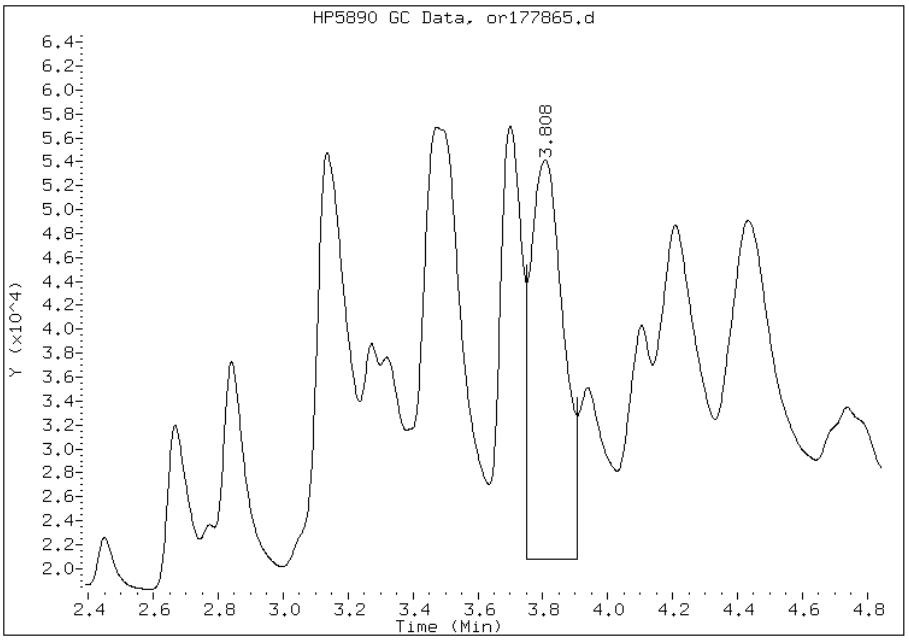
Processing Integration Results

RT: 3.81

Response: 231666

Amount: 1636.46

Conc: 240000.00



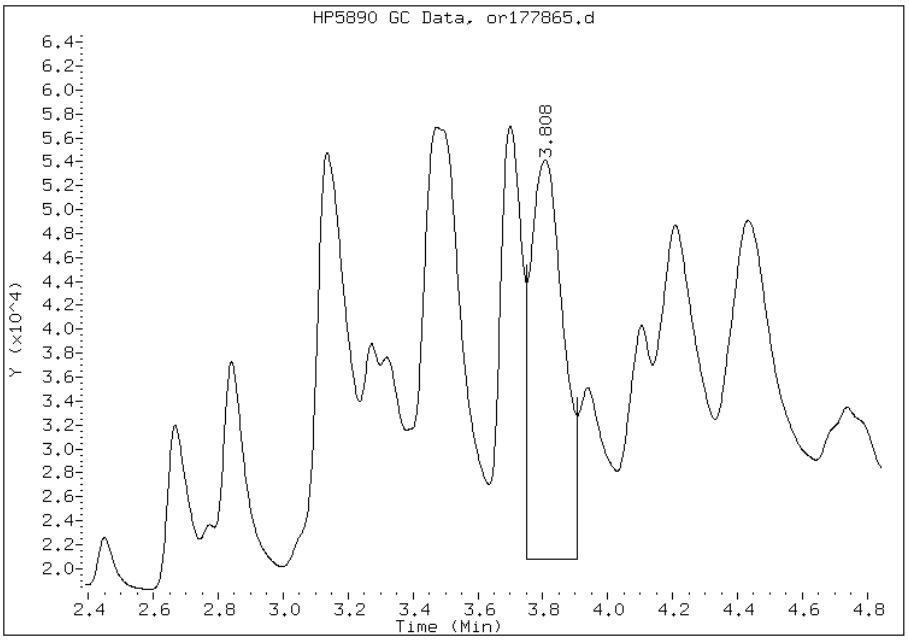
Manual Integration Results

RT: 3.81

Response: 0

Amount: 1482.51

Conc: 210000.00



Manually Integrated By: sita
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-4-VD-S (2.5-3.0) Lab Sample ID: 460-30837-28

Matrix: Solid Lab File ID: of177674.d

Analysis Method: 8082 Date Collected: 09/09/2011 10:35

Extraction Method: 3541 Date Extracted: 09/14/2011 05:06

Sample wt/vol: 15.04(g) Date Analyzed: 09/16/2011 18:01

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 4.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86753 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12672-29-6	Aroclor 1248	990		70	18
11096-82-5	Aroclor 1260	200		70	7.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	102		30-150

Data File: of177674.d
Report Date: 20-Sep-2011 16:14

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep11/09-15-11/15sep11f.b/of177674.d
Lab Smp Id: 460-30837-F-28-B Client Smp ID: PMP-4-VD-S (2.5-3.0
Inj Date : 16-SEP-2011 18:01
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-30837-F-28-B
Misc Info : 460-30837-F-28-B
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Sep11/09-15-11/15sep11f.b/08Of8082.m
Meth Date : 20-Sep-2011 16:12 sita Quant Type: ESTD
Cal Date : 29-AUG-2011 12:45 Cal File: of176825.d
Als bottle: 8
Dil Factor: 1.00000
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	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.04000	Weight of sample extracted (g)
M	4.00729	% 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		
3.350	3.323	0.027	89323	1002.45	690	80.00- 120.00	100.00(M)
3.877	3.855	0.022	379112	2403.64	1700	141.61- 212.41	424.43
4.020	4.012	0.008	129340	1277.90	880	90.87- 136.31	144.80
4.323	4.310	0.013	181217	1338.79	930	121.53- 182.29	202.88
4.598	4.590	0.008	174463	1217.31	840	128.67- 193.01	195.32
4.753	4.747	0.006	345789	1596.87	1100	194.42- 291.62	387.12
5.133	5.123	0.010	307138	1320.78	910	208.78- 313.17	343.85
5.428	5.453	-0.025	375190	1226.88	850	274.56- 411.84	420.04
Average of Peak Concentrations =					980		
27 Aroclor-1260					CAS #: 11096-82-5		
6.230	6.237	-0.007	88284	306.067	210	80.00- 120.00	100.00(M)

Data File: of177674.d
Report Date: 20-Sep-2011 16:14

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.555	6.565	-0.010	70871	222.407	150	88.14- 132.21	80.28
7.155	7.170	-0.015	116890	302.231	210	107.19- 160.78	132.40
7.338	7.347	-0.009	54863	230.660	160	68.00- 102.00	62.14
7.445	7.452	-0.007	31121	168.022	120	50.19- 75.28	35.25
7.955	7.967	-0.012	61200	272.316	190	61.42- 92.14	69.32
9.233	9.250	-0.017	157125	617.903	430	70.81- 106.21	177.98
9.947	9.958	-0.011	27485	243.480	170	31.49- 47.24	31.13
Average of Peak Concentrations =					200		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.470	10.477	-0.007	170718	51.1897	35	80.00- 120.00	100.00

QC Flag Legend

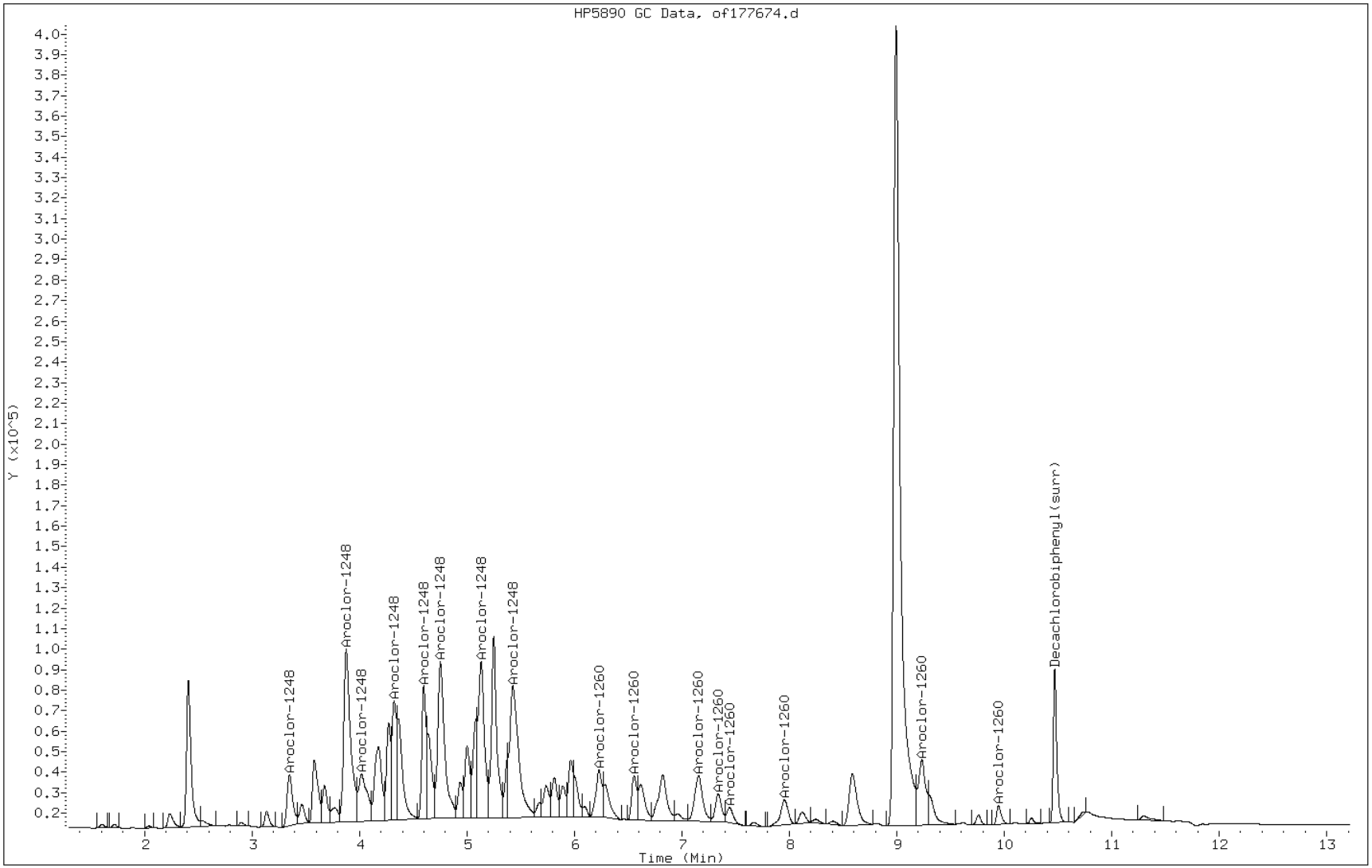
M - Compound response manually integrated.

Data File: of177674.d

Date: 16-SEP-2011 18:01

Client ID: PMP-4-VD-S (2.5-3.0 Instrument: PESTGC7.i

Sample Info: 460-30837-F-28-B Operator: 615



Manual Integration Report

Data File: of177674.d
Inj. Date and Time: 16-SEP-2011 18:01
Instrument ID: PESTGC7.i
Client ID: PMP-4-VD-S (2.5-3.0
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 09/21/2011

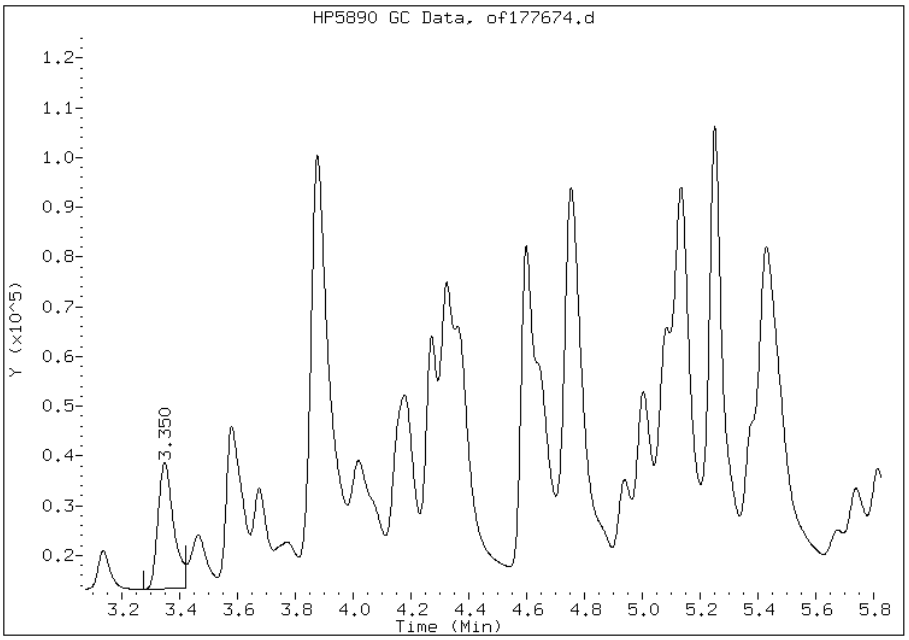
Processing Integration Results

RT: 3.35

Response: 96546

Amount: 1519.81

Conc: 0.00



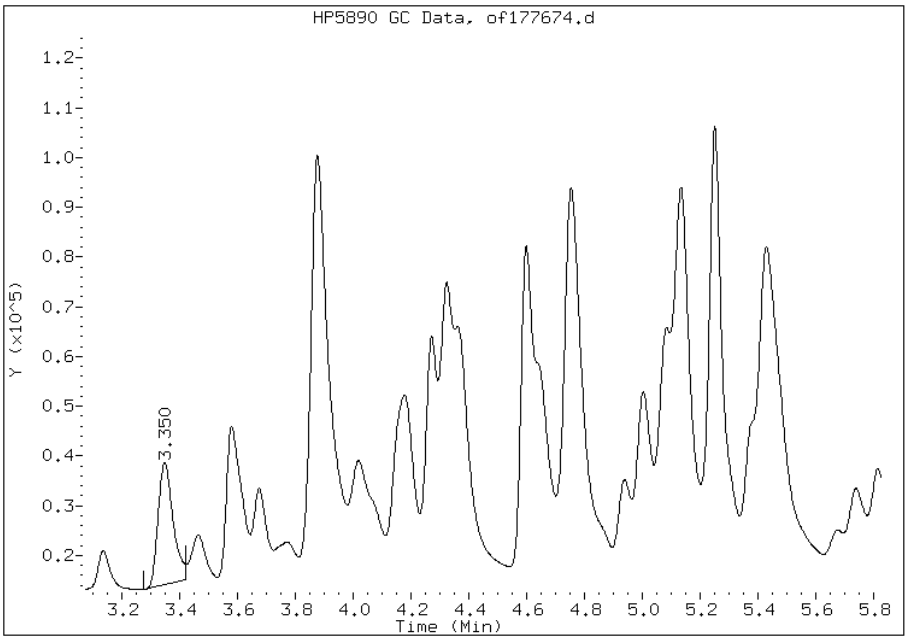
Manual Integration Results

RT: 3.35

Response: 89323

Amount: 1423.08

Conc: 980.00



Manually Integrated By: sita
Manual Integration Reason:

Manual Integration Report

Data File: of177674.d
Inj. Date and Time: 16-SEP-2011 18:01
Instrument ID: PESTGC7.i
Client ID: PMP-4-VD-S (2.5-3.0
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/21/2011

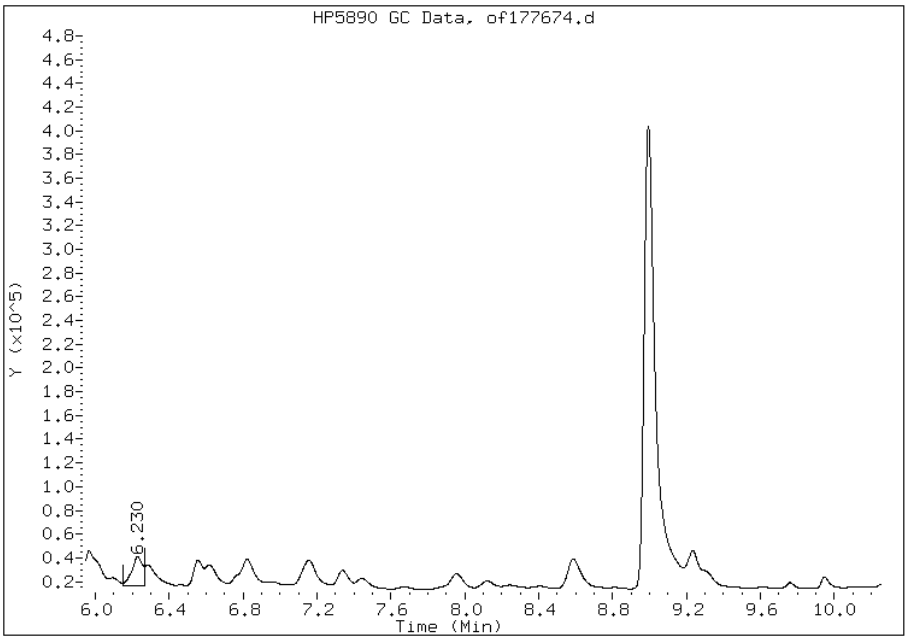
Processing Integration Results

RT: 6.23

Response: 99242

Amount: 325.25

Conc: 0.00



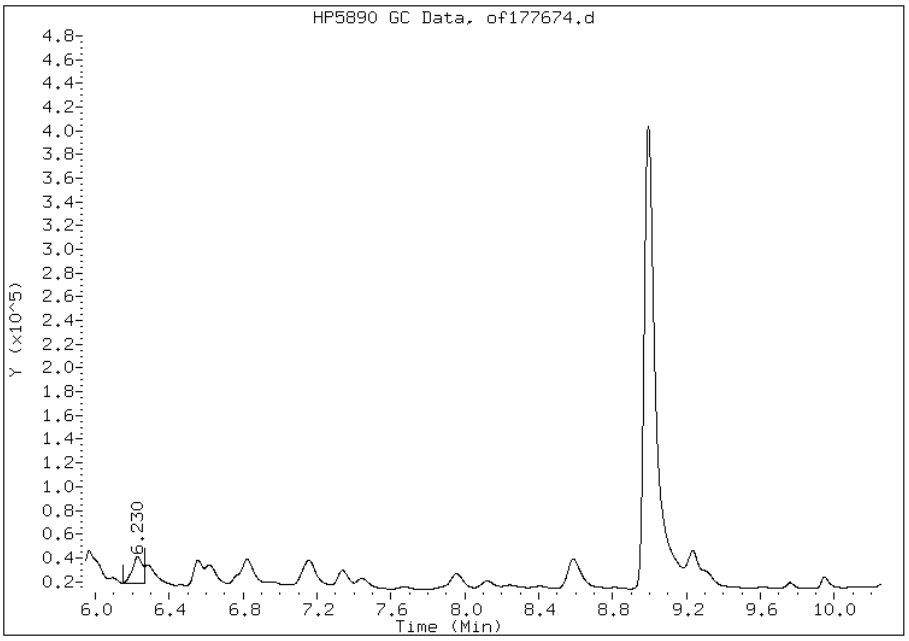
Manual Integration Results

RT: 6.23

Response: 88284

Amount: 295.39

Conc: 200.00



Manually Integrated By: sita
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-4-VD-S (2.5-3.0) Lab Sample ID: 460-30837-28

Matrix: Solid Lab File ID: or177674.d

Analysis Method: 8082 Date Collected: 09/09/2011 10:35

Extraction Method: 3541 Date Extracted: 09/14/2011 05:06

Sample wt/vol: 15.04(g) Date Analyzed: 09/16/2011 18:01

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 4.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86753 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	70	U	70	13
11104-28-2	Aroclor 1221	70	U	70	21
11141-16-5	Aroclor 1232	70	U	70	39
53469-21-9	Aroclor 1242	70	U	70	13
11097-69-1	Aroclor 1254	70	U	70	24
37324-23-5	Aroclor 1262	70	U	70	12
11100-14-4	Aroclor 1268	70	U	70	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/Sep11/09-15-11/15sep11f.b/or177674.d
Lab Smp Id: 460-30837-F-28-B Client Smp ID: PMP-4-VD-S (2.5-3.0
Inj Date : 16-SEP-2011 18:01
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-30837-F-28-B
Misc Info : 460-30837-F-28-B
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep11/09-15-11/15sep11f.b/08Or8082.m
Meth Date : 20-Sep-2011 16:06 sita Quant Type: ESTD
Cal Date : 29-AUG-2011 12:45 Cal File: or176825.d
Als bottle: 8
Dil Factor: 1.00000
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	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.04000	Weight of sample extracted (g)
M	4.00729	% 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		
2.658	2.657	0.001	75990	1206.31	840	80.00- 120.00	100.00(M)
3.112	3.113	-0.001	278967	2363.55	1600	145.75- 218.63	367.11
3.262	3.258	0.004	52202	814.422	560	70.06- 105.09	68.70
3.433	3.460	-0.027	0			69.80- 104.71	0.00
3.680	3.688	-0.008	166202	1050.54	730	67.13- 100.69	218.72
3.797	3.797	0.000	107797	1262.87	870	29.78- 44.67	141.86
3.960	3.932	0.028	53976	895.213	620	23.28- 34.92	71.03
4.400	4.408	-0.008	195802	1424.31	990	62.15- 93.22	257.67
Average of Peak Concentrations =					890		
27 Aroclor-1260					CAS #: 11096-82-5		
5.083	5.095	-0.012	38114	205.552	140	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)							
5.428	5.447	-0.019	82184	268.411	180	106.60- 159.90	215.63
5.775	5.802	-0.027	56470	209.911	140	84.92- 127.39	148.16
5.917	5.925	-0.008	27941	188.533	130	54.90- 82.35	73.31
6.255	6.252	0.003	29170	219.183	150	38.30- 57.45	76.53
6.708	6.730	-0.022	81743	219.258	150	124.45- 186.68	214.47
0.000	7.348	-7.348	0			51.64- 77.46	0.00
8.540	8.583	-0.043	23129	251.459	170	29.96- 44.94	60.68
		Average of Peak Concentrations =			150		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.333	9.350	-0.017	188382	53.5531	37	80.00- 120.00	100.00

QC Flag Legend

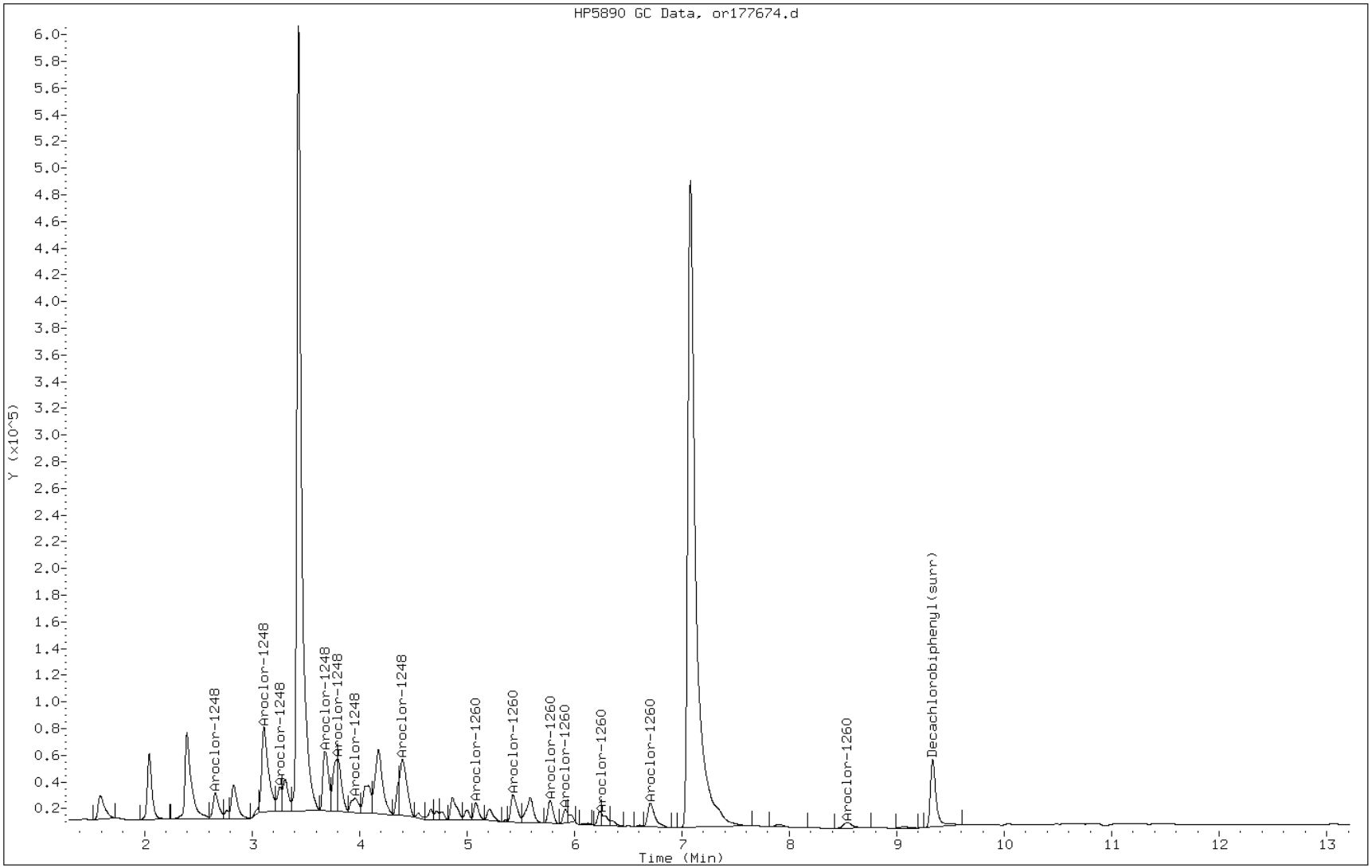
T - Target compound detected outside RT window.
M - Compound response manually integrated.

Data File: or177674.d

Date: 16-SEP-2011 18:01

Client ID: PMP-4-VD-S (2.5-3.0 Instrument: PESTGC7.i

Sample Info: 460-30837-F-28-B Operator: 615



Manual Integration Report

Data File: or177674.d
Inj. Date and Time: 16-SEP-2011 18:01
Instrument ID: PESTGC7.i
Client ID: PMP-4-VD-S (2.5-3.0
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 09/21/2011

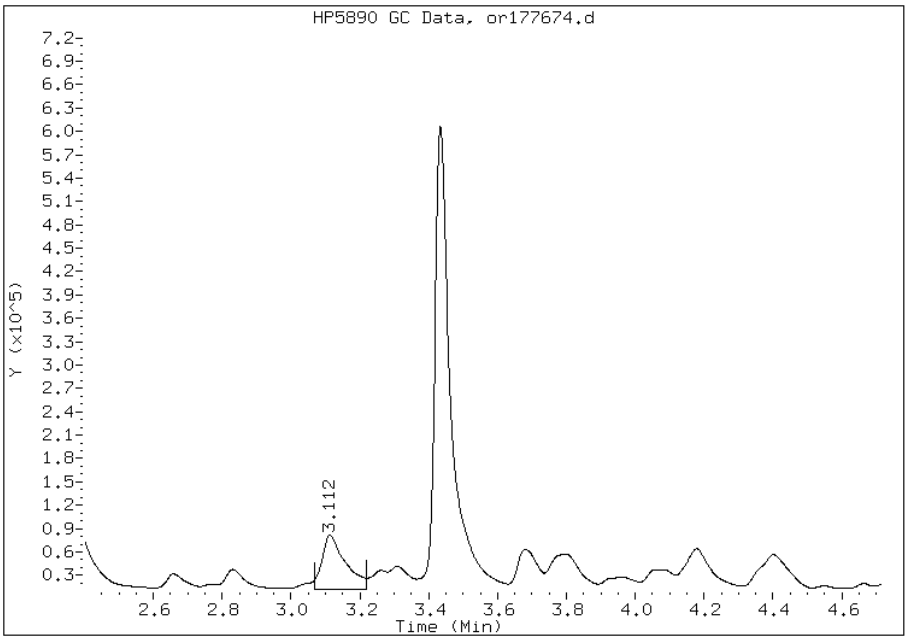
Processing Integration Results

RT: 3.11

Response: 331708

Amount: 2888.05

Conc: 2000.00



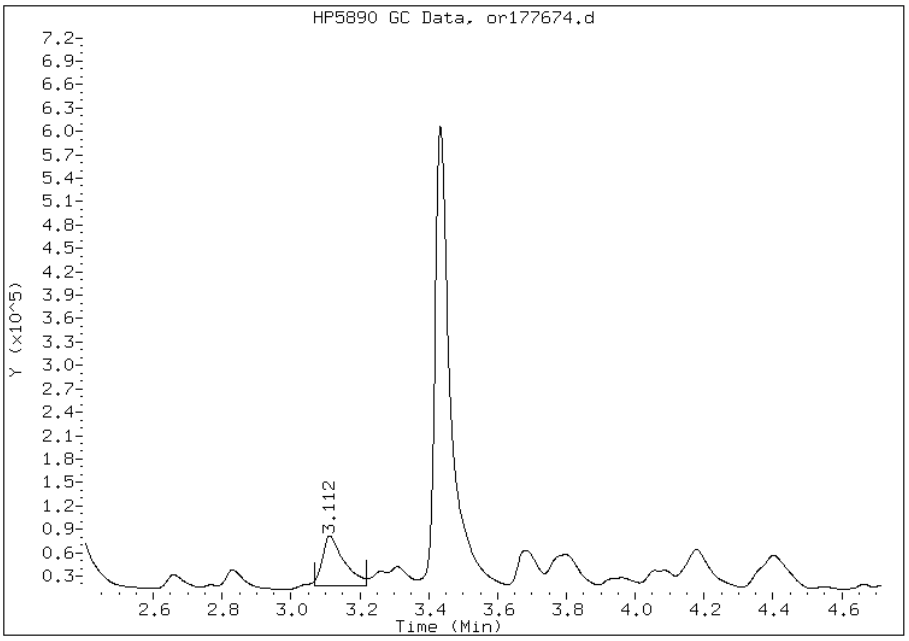
Manual Integration Results

RT: 3.11

Response: 278967

Amount: 1288.17

Conc: 890.00



Manually Integrated By: sita
Manual Integration Reason:

Manual Integration Report

Data File: or177674.d
Inj. Date and Time: 16-SEP-2011 18:01
Instrument ID: PESTGC7.i
Client ID: PMP-4-VD-S (2.5-3.0
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/21/2011

Processing Integration Results

Not Detected

Expected RT: 5.09

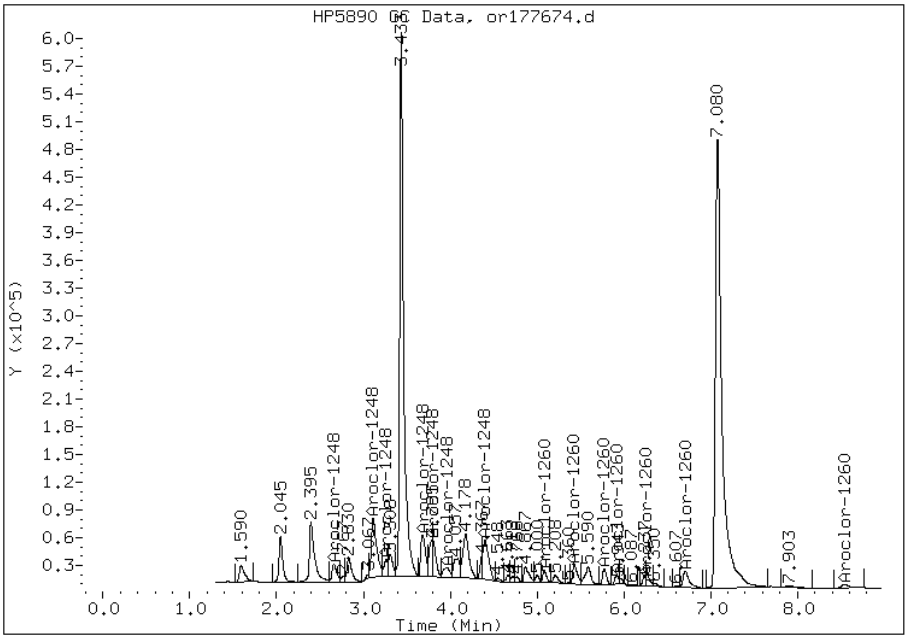
Manual Integration Results

RT: 5.08

Response: 38114

Amount: 223.19

Conc: 150.00



Manually Integrated By: sita
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-4-WT-S (7.0-7.5) Lab Sample ID: 460-30837-29

Matrix: Solid Lab File ID: of177675.d

Analysis Method: 8082 Date Collected: 09/09/2011 10:40

Extraction Method: 3541 Date Extracted: 09/14/2011 05:06

Sample wt/vol: 15.00(g) Date Analyzed: 09/16/2011 18:18

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 12.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86753 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	102		30-150

Data File: of177675.d
Report Date: 20-Sep-2011 16:14

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep11/09-15-11/15sep11f.b/of177675.d
Lab Smp Id: 460-30837-F-29-D Client Smp ID: PMP-4-WT-S (7.0-7.5
Inj Date : 16-SEP-2011 18:18
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-30837-F-29-D
Misc Info : 460-30837-F-29-D
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Sep11/09-15-11/15sep11f.b/08Of8082.m
Meth Date : 20-Sep-2011 16:12 sita Quant Type: ESTD
Cal Date : 29-AUG-2011 12:45 Cal File: of176825.d
Als bottle: 9
Dil Factor: 1.00000
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	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	12.88014	% Moisture

Cpnd Variable Local Compound Variable

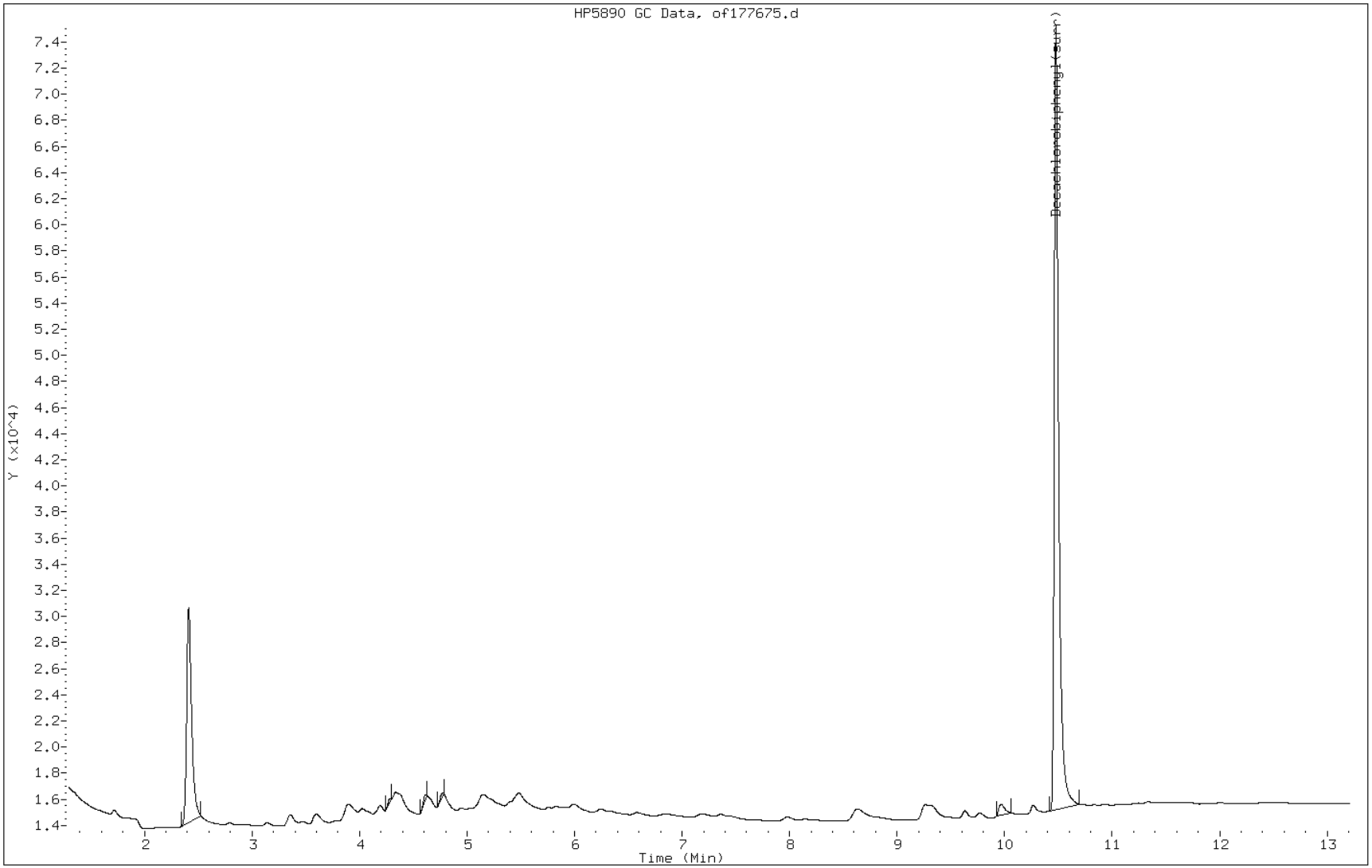
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.477	10.477	0.000	170686	51.1801	39	80.00- 120.00	100.00

Data File: of177675.d

Date: 16-SEP-2011 18:18

Client ID: PMP-4-WT-S (7.0-7.5 Instrument: PESTGC7.i

Sample Info: 460-30837-F-29-D Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-4-WT-S (7.0-7.5) Lab Sample ID: 460-30837-29

Matrix: Solid Lab File ID: or177675.d

Analysis Method: 8082 Date Collected: 09/09/2011 10:40

Extraction Method: 3541 Date Extracted: 09/14/2011 05:06

Sample wt/vol: 15.00(g) Date Analyzed: 09/16/2011 18:18

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 12.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86753 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	77	U	77	15
11104-28-2	Aroclor 1221	77	U	77	23
11141-16-5	Aroclor 1232	77	U	77	44
53469-21-9	Aroclor 1242	77	U	77	15
12672-29-6	Aroclor 1248	77	U	77	20
11097-69-1	Aroclor 1254	77	U	77	26
11096-82-5	Aroclor 1260	77	U	77	8.6
37324-23-5	Aroclor 1262	77	U	77	13
11100-14-4	Aroclor 1268	77	U	77	13

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/Sep11/09-15-11/15sep11f.b/or177675.d
Lab Smp Id: 460-30837-F-29-D Client Smp ID: PMP-4-WT-S (7.0-7.5
Inj Date : 16-SEP-2011 18:18
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-30837-F-29-D
Misc Info : 460-30837-F-29-D
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep11/09-15-11/15sep11f.b/08Or8082.m
Meth Date : 20-Sep-2011 16:06 sita Quant Type: ESTD
Cal Date : 29-AUG-2011 12:45 Cal File: or176825.d
Als bottle: 9
Dil Factor: 1.00000
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	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	12.88014	% Moisture

Cpnd Variable Local Compound Variable

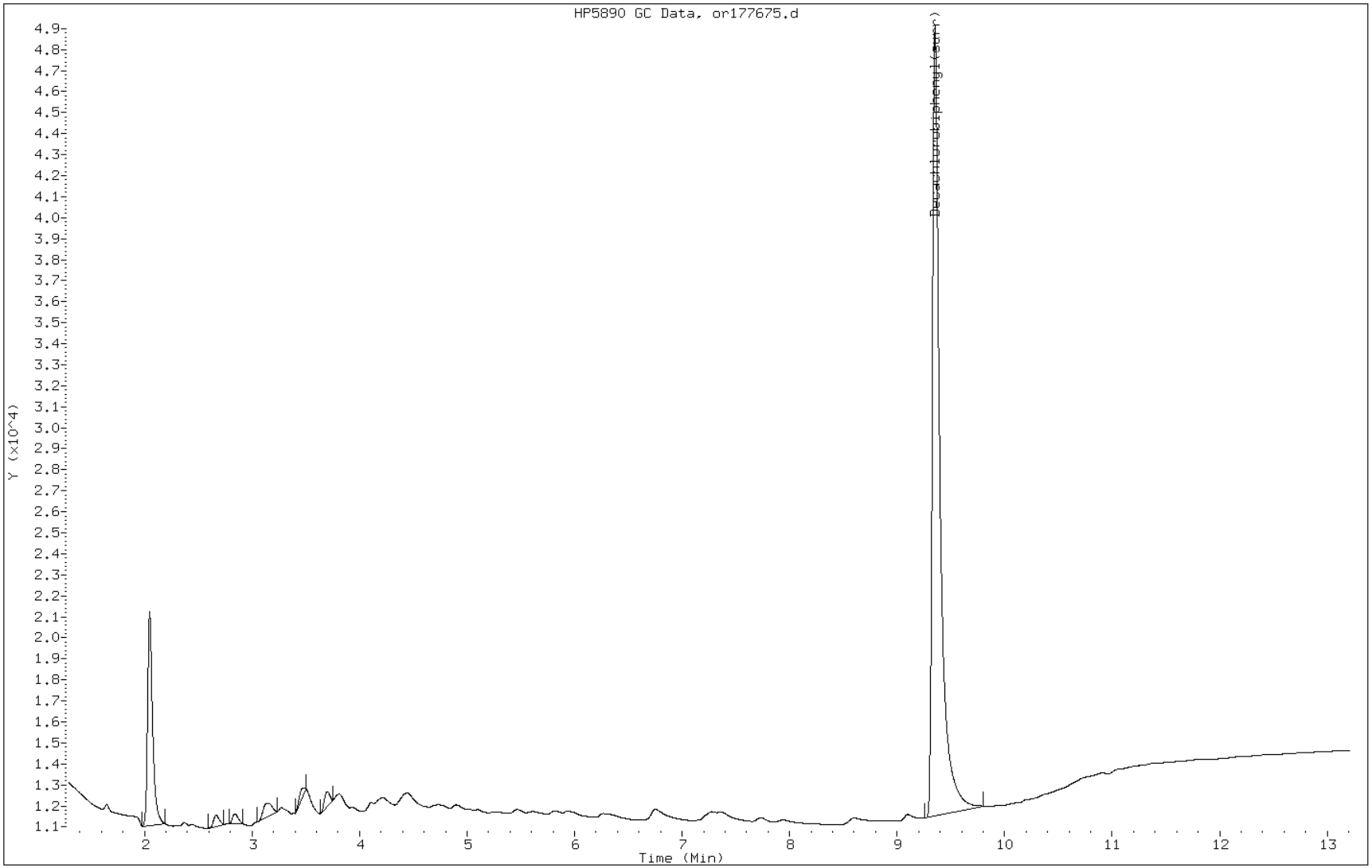
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.352	9.350	0.002	187855	53.4032	41	80.00- 120.00	100.00

Data File: or177675.d

Date: 16-SEP-2011 18:18

Client ID: PMP-4-WT-S (7.0-7.5 Instrument: PESTGC7.i

Sample Info: 460-30837-F-29-D Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: FB_090811 Lab Sample ID: 460-30837-30

Matrix: Water Lab File ID: of177419.d

Analysis Method: 8082 Date Collected: 09/08/2011 14:00

Extraction Method: 3510C Date Extracted: 09/12/2011 08:23

Sample wt/vol: 1000(mL) Date Analyzed: 09/13/2011 03:13

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.: 85904 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	51		37-150

Data File: of177419.d
Report Date: 13-Sep-2011 11:42

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep11/09-12-11/12sep11a.b/of177419.d
Lab Smp Id: 460-30837-D-30-A Client Smp ID: FB_090811
Inj Date : 13-SEP-2011 03:13
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-30837-D-30-A
Misc Info : 460-30837-D-30-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Sep11/09-12-11/12sep11a.b/08Of8082.m
Meth Date : 13-Sep-2011 11:39 sita Quant Type: ESTD
Cal Date : 29-AUG-2011 12:45 Cal File: of176825.d
Als bottle: 90
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

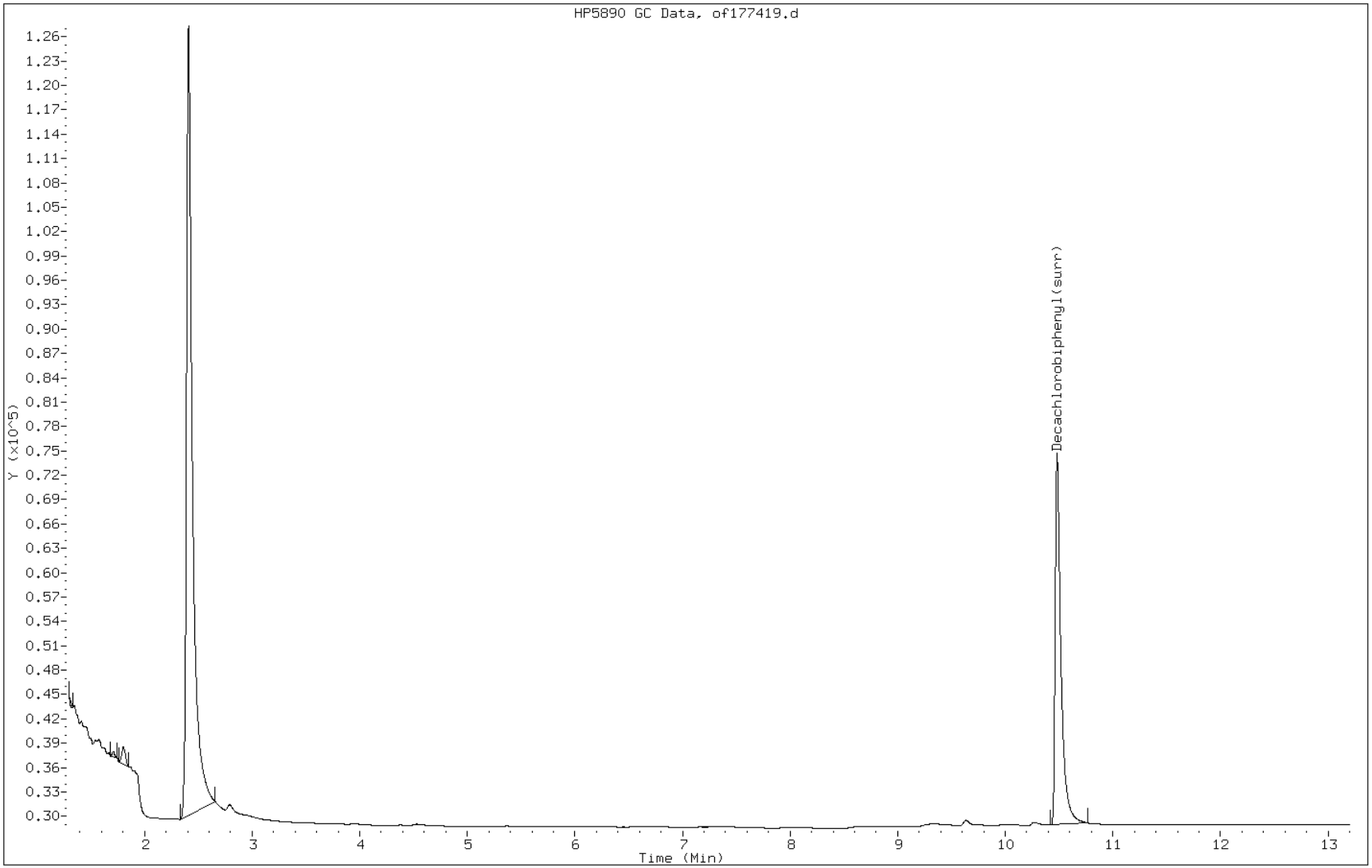
				CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)		
RT	EXP RT	DLT RT	RESPONSE			TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)						CAS #: 2051-24-3	
10.482	10.475	0.007	169258	50.7520	0.25	80.00- 120.00	100.00

Data File: of177419.d

Date: 13-SEP-2011 03:13

Client ID: FB_090811 Instrument: PESTGC7.i

Sample Info: 460-30837-D-30-A Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: FB_090811 Lab Sample ID: 460-30837-30

Matrix: Water Lab File ID: or177419.d

Analysis Method: 8082 Date Collected: 09/08/2011 14:00

Extraction Method: 3510C Date Extracted: 09/12/2011 08:23

Sample wt/vol: 1000(mL) Date Analyzed: 09/13/2011 03:13

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.: 85904 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.50	U	0.50	0.13
11104-28-2	Aroclor 1221	0.50	U	0.50	0.28
11141-16-5	Aroclor 1232	0.50	U	0.50	0.12
53469-21-9	Aroclor 1242	0.50	U	0.50	0.12
12672-29-6	Aroclor 1248	0.50	U	0.50	0.24
11097-69-1	Aroclor 1254	0.50	U	0.50	0.17
11096-82-5	Aroclor 1260	0.50	U	0.50	0.15
37324-23-5	Aroclor 1262	0.50	U	0.50	0.12
11100-14-4	Aroclor 1268	0.50	U	0.50	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	55		37-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep11/09-12-11/12sep11a.b/or177419.d
Lab Smp Id: 460-30837-D-30-A Client Smp ID: FB_090811
Inj Date : 13-SEP-2011 03:13
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-30837-D-30-A
Misc Info : 460-30837-D-30-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep11/09-12-11/12sep11a.b/08Or8082.m
Meth Date : 12-Sep-2011 14:52 sita Quant Type: ESTD
Cal Date : 29-AUG-2011 12:45 Cal File: or176825.d
Als bottle: 90
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

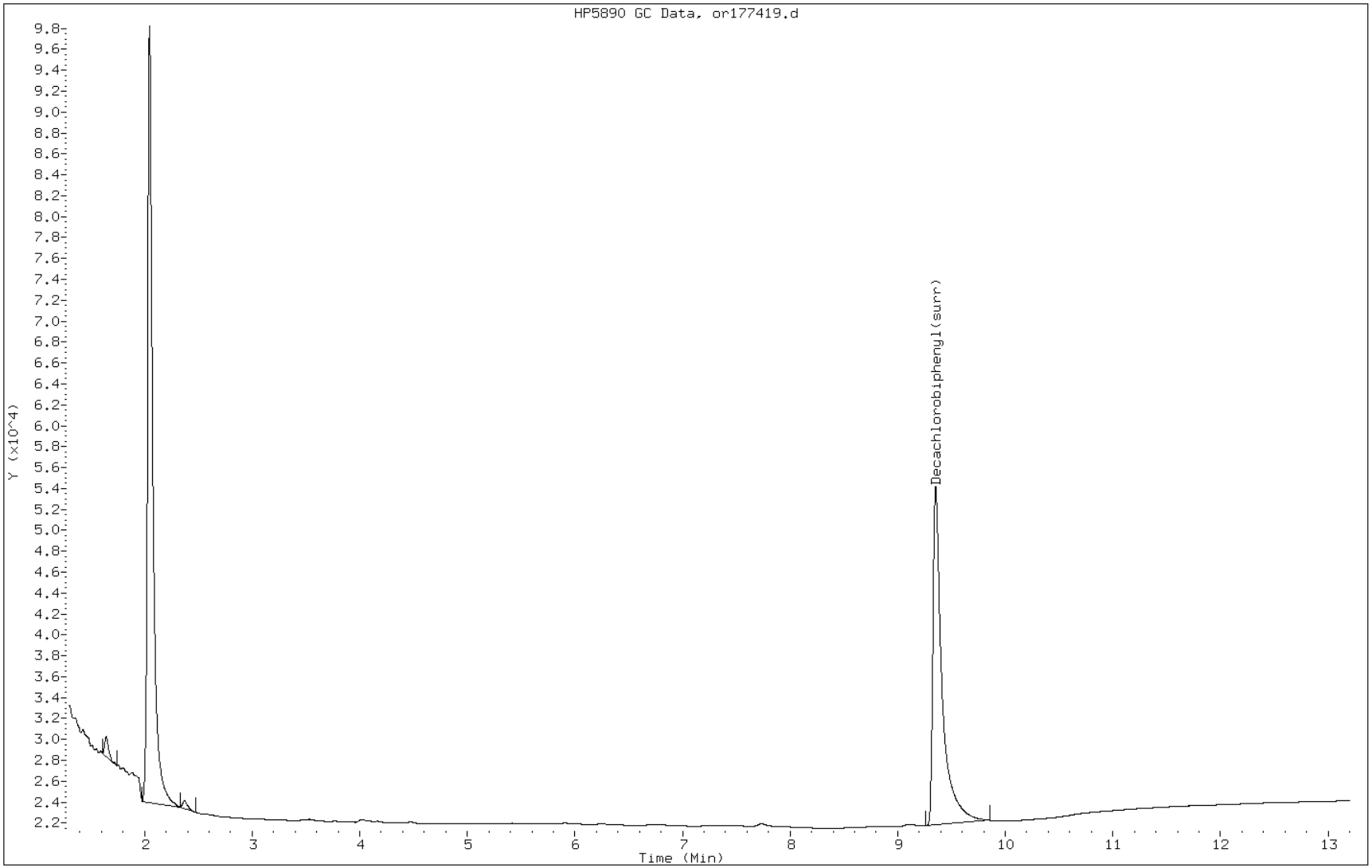
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.353	9.347	0.006	192730	54.7891	0.27	80.00- 120.00	100.00

Data File: or177419.d

Date: 13-SEP-2011 03:13

Client ID: FB_090811 Instrument: PESTGC7.i

Sample Info: 460-30837-D-30-A Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: FB_090911 Lab Sample ID: 460-30837-31

Matrix: Water Lab File ID: of177420.d

Analysis Method: 8082 Date Collected: 09/09/2011 07:45

Extraction Method: 3510C Date Extracted: 09/12/2011 08:23

Sample wt/vol: 1000(mL) Date Analyzed: 09/13/2011 03:29

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.: 85904 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	60		37-150

Data File: of177420.d
Report Date: 13-Sep-2011 11:42

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep11/09-12-11/12sep11a.b/of177420.d
Lab Smp Id: 460-30837-F-31-A Client Smp ID: FB_090911
Inj Date : 13-SEP-2011 03:29
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-30837-F-31-A
Misc Info : 460-30837-F-31-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Sep11/09-12-11/12sep11a.b/08Of8082.m
Meth Date : 13-Sep-2011 11:39 sita Quant Type: ESTD
Cal Date : 29-AUG-2011 12:45 Cal File: of176825.d
Als bottle: 91
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

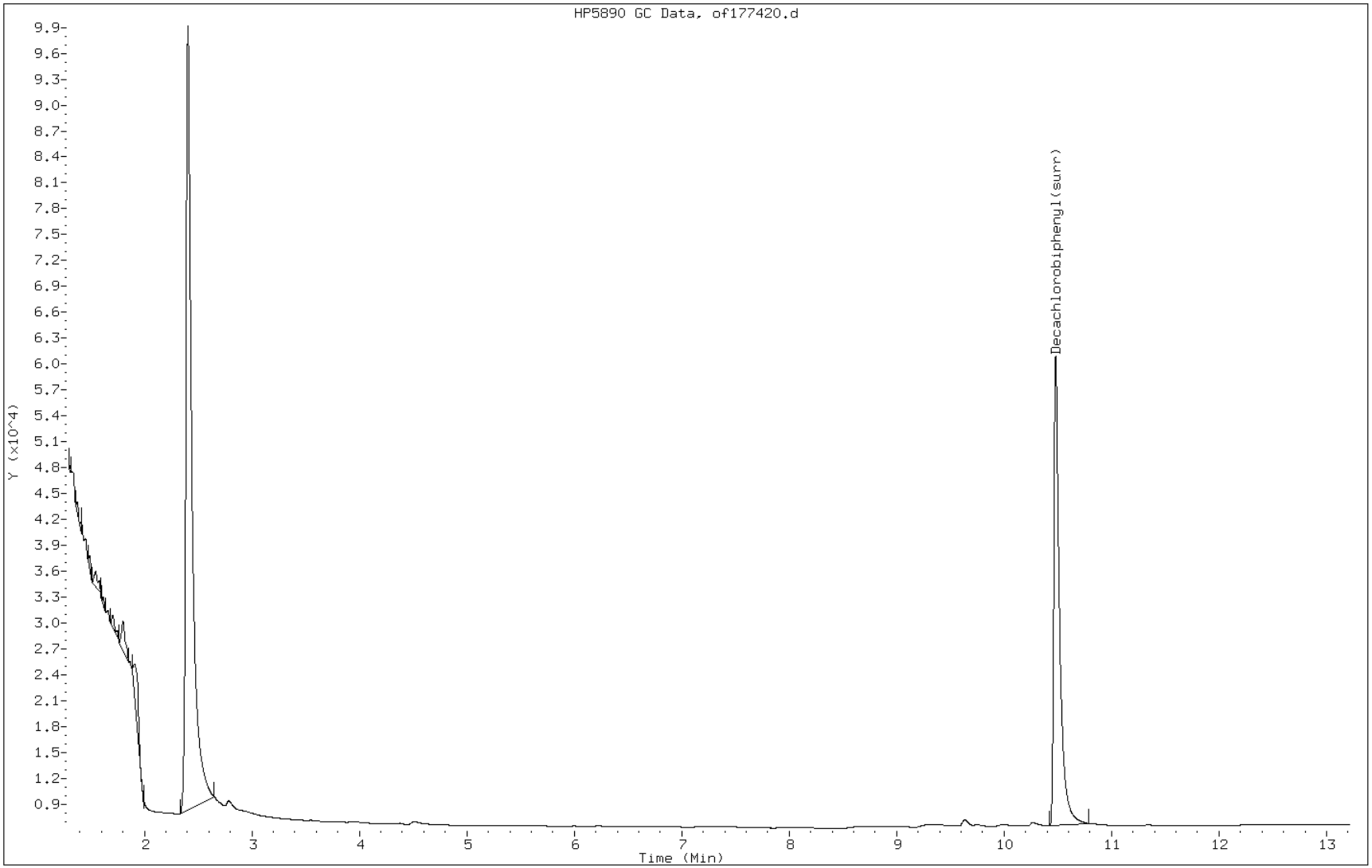
				CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)		
RT	EXP RT	DLT RT	RESPONSE			TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.480	10.475	0.005	201477	60.4128	0.30	80.00- 120.00	100.00

Data File: of177420.d

Date: 13-SEP-2011 03:29

Client ID: FB_090911 Instrument: PESTGC7.i

Sample Info: 460-30837-F-31-A Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: FB_090911 | Lab Sample ID: 460-30837-31

Matrix: Water | Lab File ID: or177420.d

Analysis Method: 8082 | Date Collected: 09/09/2011 07:45

Extraction Method: 3510C | Date Extracted: 09/12/2011 08:23

Sample wt/vol: 1000(mL) | Date Analyzed: 09/13/2011 03:29

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.: 85904 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.50	U	0.50	0.13
11104-28-2	Aroclor 1221	0.50	U	0.50	0.28
11141-16-5	Aroclor 1232	0.50	U	0.50	0.12
53469-21-9	Aroclor 1242	0.50	U	0.50	0.12
12672-29-6	Aroclor 1248	0.50	U	0.50	0.24
11097-69-1	Aroclor 1254	0.50	U	0.50	0.17
11096-82-5	Aroclor 1260	0.50	U	0.50	0.15
37324-23-5	Aroclor 1262	0.50	U	0.50	0.12
11100-14-4	Aroclor 1268	0.50	U	0.50	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	65		37-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep11/09-12-11/12sep11a.b/or177420.d
Lab Smp Id: 460-30837-F-31-A Client Smp ID: FB_090911
Inj Date : 13-SEP-2011 03:29
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-30837-F-31-A
Misc Info : 460-30837-F-31-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep11/09-12-11/12sep11a.b/08Or8082.m
Meth Date : 12-Sep-2011 14:52 sita Quant Type: ESTD
Cal Date : 29-AUG-2011 12:45 Cal File: or176825.d
Als bottle: 91
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

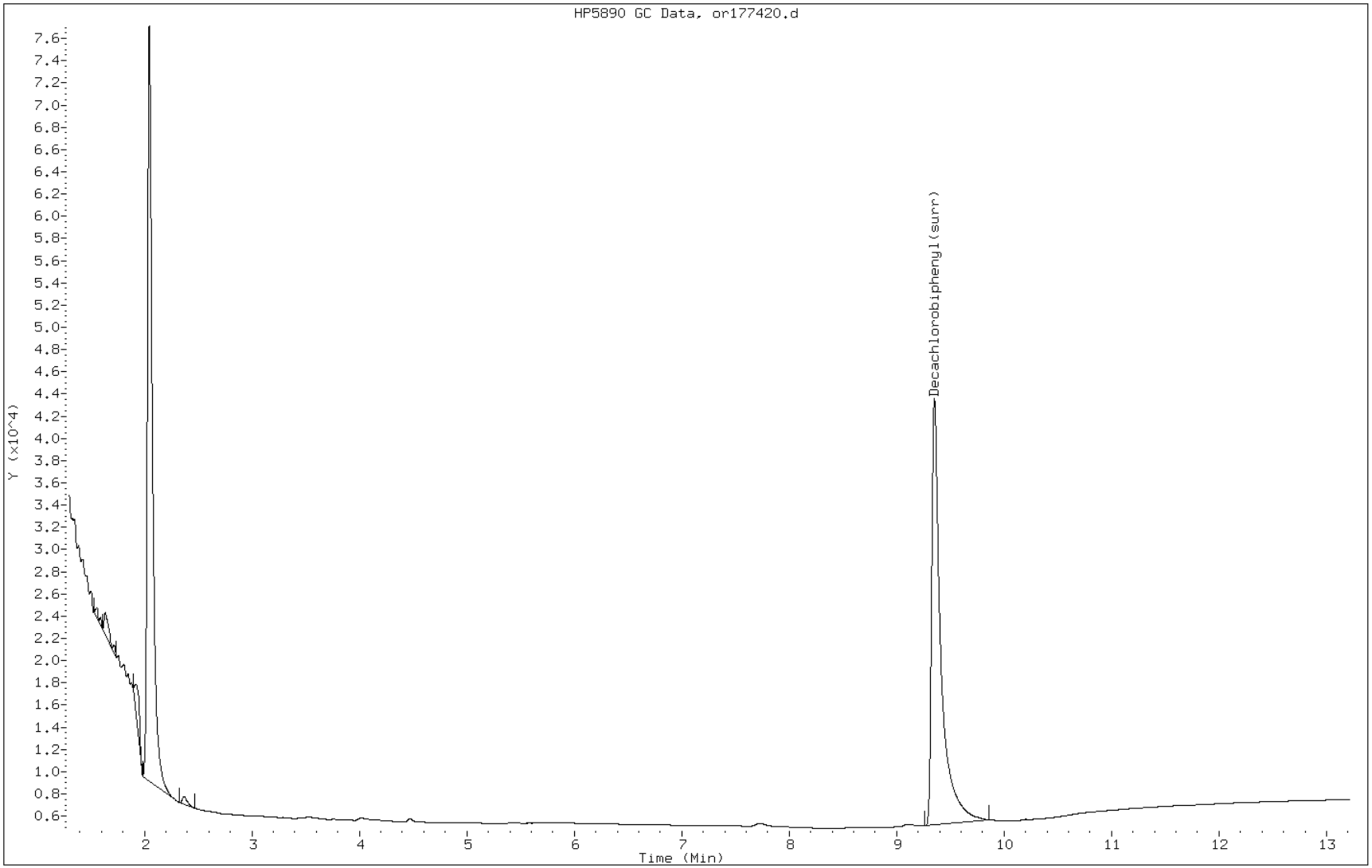
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.352	9.347	0.005	229883	65.3509	0.33	80.00- 120.00	100.00

Data File: or177420.d

Date: 13-SEP-2011 03:29

Client ID: FB_090911 Instrument: PESTGC7.i

Sample Info: 460-30837-F-31-A Operator: 615



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84507

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 09:29 Calibration End Date: 08/29/2011 10:51 Calibration ID: 12029

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/5	of176813.d
Level 2	IC 460-84507/7	of176815.d
Level 3	IC 460-84507/8	of176816.d
Level 4	IC 460-84507/9	of176817.d
Level 5	IC 460-84507/10	of176818.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	2.882	2.878	2.882	2.882	2.882						2.812 - 2.952	2.881
PCB-1016 Peak 2	3.332	3.327	3.332	3.330	3.330						3.262 - 3.402	3.330
PCB-1016 Peak 3	3.602	3.597	3.602	3.600	3.600						3.532 - 3.672	3.600
PCB-1016 Peak 4	3.860	3.855	3.862	3.860	3.860						3.792 - 3.932	3.859
PCB-1016 Peak 5	4.022	4.017	4.023	4.022	4.022						3.953 - 4.093	4.021
PCB-1016 Peak 6	4.317	4.312	4.317	4.315	4.315						4.247 - 4.387	4.315
PCB-1016 Peak 7	4.595	4.590	4.595	4.593	4.593						4.525 - 4.665	4.593
PCB-1016 Peak 8	4.752	4.748	4.753	4.752	4.752						4.683 - 4.823	4.751
PCB-1260 Peak 1	6.235	6.230	6.233	6.232	6.232						6.163 - 6.303	6.232
PCB-1260 Peak 2	6.563	6.557	6.560	6.557	6.555						6.490 - 6.630	6.558
PCB-1260 Peak 3	7.168	7.162	7.163	7.162	7.160						7.093 - 7.233	7.163
PCB-1260 Peak 4	7.347	7.340	7.343	7.342	7.340						7.273 - 7.413	7.342
PCB-1260 Peak 5	7.448	7.445	7.450	7.447	7.445						7.380 - 7.520	7.447
PCB-1260 Peak 6	7.967	7.962	7.963	7.962	7.960						7.893 - 8.033	7.963
PCB-1260 Peak 7	9.250	9.243	9.245	9.243	9.240						9.175 - 9.315	9.244
PCB-1260 Peak 8	9.957	9.953	9.953	9.952	9.950						9.883 - 10.023	9.953
DCB Decachlorobiphenyl	10.477	10.475	10.475	10.475	10.473						10.375 - 10.575	10.475

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84507

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 09:29 Calibration End Date: 08/29/2011 10:51 Calibration ID: 12029

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/5	of176813.d
Level 2	IC 460-84507/7	of176815.d
Level 3	IC 460-84507/8	of176816.d
Level 4	IC 460-84507/9	of176817.d
Level 5	IC 460-84507/10	of176818.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	64.230 85.158	98.840	89.035	82.329	Ave		83.9182533				15.1		20.0			
PCB-1016 Peak 2	248.25 176.00	219.78	199.18	189.23	Ave		206.488453				13.7		20.0			
PCB-1016 Peak 3	117.78 104.43	111.11	107.84	109.98	Ave		110.228293				4.5		20.0			
PCB-1016 Peak 4	320.51 316.63	326.47	326.18	319.25	Ave		321.808813				1.4		20.0			
PCB-1016 Peak 5	200.53 175.81	200.48	189.43	182.22	Ave		189.694227				5.8		20.0			
PCB-1016 Peak 6	137.22 103.82	134.61	121.13	111.63	Ave		121.682813				11.8		20.0			
PCB-1016 Peak 7	106.13 77.993	125.00	112.93	107.46	Ave		105.903027				16.3		20.0			
PCB-1016 Peak 8	155.69 154.10	175.84	164.94	155.68	Ave		161.248733				5.7		20.0			
PCB-1260 Peak 1	338.74 255.74	298.01	289.61	260.14	Ave		288.446560				11.6		20.0			
PCB-1260 Peak 2	357.68 290.33	326.44	324.66	294.16	Ave		318.655200				8.6		20.0			
PCB-1260 Peak 3	383.78 380.83	386.89	405.97	376.33	Ave		386.757720				3.0		20.0			
PCB-1260 Peak 4	268.46 213.11	247.32	241.29	219.09	Ave		237.852147				9.4		20.0			
PCB-1260 Peak 5	204.12 166.61	199.49	185.67	170.22	Ave		185.220187				9.1		20.0			
PCB-1260 Peak 6	212.38 227.43	227.41	236.48	220.01	Ave		224.739120				4.0		20.0			
PCB-1260 Peak 7	258.97 256.46	278.52	253.05	224.45	Ave		254.287387				7.6		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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84507

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 09:29 Calibration End Date: 08/29/2011 10:51 Calibration ID: 12029

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	109.68 110.18	116.25	118.94	109.36	Ave		112.883813				3.9		20.0			
DCB Decachlorobiphenyl	3732.8 2975.8	3598.9	3239.5	3128.0	Ave		3335.00433				9.6		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.: 460-30837-1 Analy Batch No.: 84507

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 09:29 Calibration End Date: 08/29/2011 10:51 Calibration ID: 12029

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/5	of176813.d
Level 2	IC 460-84507/7	of176815.d
Level 3	IC 460-84507/8	of176816.d
Level 4	IC 460-84507/9	of176817.d
Level 5	IC 460-84507/10	of176818.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	6423	49420	89035	123493	212894	100	500	1000	1500	2500
PCB-1016 Peak 2	Ave	24825	109890	199182	283849	439994	100	500	1000	1500	2500
PCB-1016 Peak 3	Ave	11778	55554	107842	164968	261082	100	500	1000	1500	2500
PCB-1016 Peak 4	Ave	32051	163234	326179	478879	791586	100	500	1000	1500	2500
PCB-1016 Peak 5	Ave	20053	100242	189425	273332	439527	100	500	1000	1500	2500
PCB-1016 Peak 6	Ave	13722	67306	121131	167440	259561	100	500	1000	1500	2500
PCB-1016 Peak 7	Ave	10613	62499	112931	161195	194982	100	500	1000	1500	2500
PCB-1016 Peak 8	Ave	15569	87919	164935	233515	385260	100	500	1000	1500	2500
PCB-1260 Peak 1	Ave	33874	149003	289606	390204	639362	100	500	1000	1500	2500
PCB-1260 Peak 2	Ave	35768	163222	324660	441240	725830	100	500	1000	1500	2500
PCB-1260 Peak 3	Ave	38378	193445	405965	564489	952069	100	500	1000	1500	2500
PCB-1260 Peak 4	Ave	26846	123658	241287	328628	532781	100	500	1000	1500	2500
PCB-1260 Peak 5	Ave	20412	99743	185666	255335	416514	100	500	1000	1500	2500
PCB-1260 Peak 6	Ave	21238	113703	236478	330009	568564	100	500	1000	1500	2500
PCB-1260 Peak 7	Ave	25897	139259	253046	336668	641144	100	500	1000	1500	2500
PCB-1260 Peak 8	Ave	10968	58126	118944	164041	275456	100	500	1000	1500	2500
DCB Decachlorobiphenyl	Ave	93321	179943	323947	469201	595169	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.: 460-30837-1 Analy Batch No.: 84507

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 09:29 Calibration End Date: 08/29/2011 10:51 Calibration ID: 12021

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/5	or176813.d
Level 2	IC 460-84507/7	or176815.d
Level 3	IC 460-84507/8	or176816.d
Level 4	IC 460-84507/9	or176817.d
Level 5	IC 460-84507/10	or176818.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	2.317	2.318	2.317	2.317	2.317						2.247 - 2.387	2.317
PCB-1016 Peak 2	2.637	2.637	2.637	2.637	2.637						2.567 - 2.707	2.637
PCB-1016 Peak 3	2.827	2.827	2.827	2.827	2.827						2.757 - 2.897	2.827
PCB-1016 Peak 4	3.088	3.088	3.088	3.088	3.090						3.018 - 3.158	3.089
PCB-1016 Peak 5	3.233	3.233	3.233	3.233	3.233						3.163 - 3.303	3.233
PCB-1016 Peak 6	3.440	3.440	3.442	3.442	3.442						3.372 - 3.512	3.441
PCB-1016 Peak 7	3.668	3.668	3.668	3.668	3.668						3.598 - 3.738	3.668
PCB-1016 Peak 8	3.765	3.778	3.768	3.768	3.767						3.698 - 3.838	3.769
PCB-1260 Peak 1	5.082	5.080	5.080	5.080	5.080						5.010 - 5.150	5.080
PCB-1260 Peak 2	5.430	5.427	5.427	5.425	5.425						5.357 - 5.497	5.427
PCB-1260 Peak 3	5.783	5.778	5.777	5.775	5.773						5.707 - 5.847	5.777
PCB-1260 Peak 4	5.915	5.913	5.912	5.912	5.912						5.842 - 5.982	5.913
PCB-1260 Peak 5	6.238	6.235	6.237	6.235	6.233						6.167 - 6.307	6.236
PCB-1260 Peak 6	6.710	6.705	6.705	6.703	6.702						6.635 - 6.775	6.705
PCB-1260 Peak 7	7.332	7.330	7.332	7.330	7.330						7.262 - 7.402	7.331
PCB-1260 Peak 8	8.547	8.545	8.543	8.542	8.540						8.473 - 8.613	8.543
DCB Decachlorobiphenyl	9.338	9.337	9.337	9.335	9.335						9.237 - 9.437	9.336

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84507

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 09:29 Calibration End Date: 08/29/2011 10:51 Calibration ID: 12021

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/5	or176813.d
Level 2	IC 460-84507/7	or176815.d
Level 3	IC 460-84507/8	or176816.d
Level 4	IC 460-84507/9	or176817.d
Level 5	IC 460-84507/10	or176818.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	90.780 73.608	87.708	77.907	77.178	Ave		81.4362800				9.1		20.0			
PCB-1016 Peak 2	177.52 128.06	162.57	143.43	138.05	Ave		149.925240				13.3		20.0			
PCB-1016 Peak 3	102.35 101.33	122.27	110.50	107.59	Ave		108.805853				7.7		20.0			
PCB-1016 Peak 4	299.84 281.80	313.57	298.62	294.05	Ave		297.576507				3.8		20.0			
PCB-1016 Peak 5	121.09 105.73	126.91	115.01	112.70	Ave		116.285907				7.0		20.0			
PCB-1016 Peak 6	150.21 121.29	149.41	140.13	132.94	Ave		138.796547				8.7		20.0			
PCB-1016 Peak 7	124.79 110.06	134.96	122.80	119.43	Ave		122.409547				7.4		20.0			
PCB-1016 Peak 8	49.090 44.196	58.146	50.305	53.322	Ave		51.0118800				10.1		20.0			
PCB-1260 Peak 1	213.75 157.49	194.77	187.85	173.25	Ave		185.422800				11.5		20.0			
PCB-1260 Peak 2	341.25 268.16	320.25	313.23	288.06	Ave		306.187640				9.3		20.0			
PCB-1260 Peak 3	267.57 251.02	278.34	282.20	265.97	Ave		269.018813				4.5		20.0			
PCB-1260 Peak 4	171.82 130.30	155.66	146.44	136.79	Ave		148.202013				11.0		20.0			
PCB-1260 Peak 5	131.95 125.31	149.38	139.16	119.63	Ave		133.084893				8.8		20.0			
PCB-1260 Peak 6	360.63 342.24	400.03	390.95	370.24	Ave		372.817187				6.2		20.0			
PCB-1260 Peak 7	157.39 130.27	172.42	153.08	149.49	Ave		152.529840				10.0		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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84507

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 09:29 Calibration End Date: 08/29/2011 10:51 Calibration ID: 12021

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	72.150 95.647	95.110	101.45	95.539	Ave		91.9790267				12.4		20.0			
DCB Decachlorobiphenyl	3775.4 3185.4	3795.2	3471.3	3361.0	Ave		3517.67000				7.5		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.: 460-30837-1 Analy Batch No.: 84507

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 09:29 Calibration End Date: 08/29/2011 10:51 Calibration ID: 12021

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/5	or176813.d
Level 2	IC 460-84507/7	or176815.d
Level 3	IC 460-84507/8	or176816.d
Level 4	IC 460-84507/9	or176817.d
Level 5	IC 460-84507/10	or176818.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	9078	43854	77907	115767	184021	100	500	1000	1500	2500
PCB-1016 Peak 2	Ave	17752	81285	143429	207069	320153	100	500	1000	1500	2500
PCB-1016 Peak 3	Ave	10235	61134	110495	161386	253314	100	500	1000	1500	2500
PCB-1016 Peak 4	Ave	29984	156785	298622	441071	704508	100	500	1000	1500	2500
PCB-1016 Peak 5	Ave	12109	63454	115007	169046	264318	100	500	1000	1500	2500
PCB-1016 Peak 6	Ave	15021	74706	140125	199412	303236	100	500	1000	1500	2500
PCB-1016 Peak 7	Ave	12479	67481	122804	179147	275151	100	500	1000	1500	2500
PCB-1016 Peak 8	Ave	4909	29073	50305	79983	110491	100	500	1000	1500	2500
PCB-1260 Peak 1	Ave	21375	97386	187854	259869	393730	100	500	1000	1500	2500
PCB-1260 Peak 2	Ave	34125	160123	313225	432087	670398	100	500	1000	1500	2500
PCB-1260 Peak 3	Ave	26757	139170	282197	398956	627541	100	500	1000	1500	2500
PCB-1260 Peak 4	Ave	17182	77829	146437	205189	325756	100	500	1000	1500	2500
PCB-1260 Peak 5	Ave	13195	74688	139155	179446	313282	100	500	1000	1500	2500
PCB-1260 Peak 6	Ave	36063	200015	390949	555356	855599	100	500	1000	1500	2500
PCB-1260 Peak 7	Ave	15739	86212	153084	224229	325663	100	500	1000	1500	2500
PCB-1260 Peak 8	Ave	7215	47555	101449	143309	239117	100	500	1000	1500	2500
DCB Decachlorobiphenyl	Ave	94385	189761	347127	504156	637084	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.: 460-30837-1 Analy Batch No.: 84507

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 11:08 Calibration End Date: 08/29/2011 11:08 Calibration ID: 12030

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/11	of176819.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	1.957										1.887 - 2.027	1.957
PCB-1221 Peak 2	2.290										2.220 - 2.360	2.290
PCB-1221 Peak 3	2.668										2.598 - 2.738	2.668
PCB-1221 Peak 4	2.882										2.812 - 2.952	2.882
PCB-1221 Peak 5	3.332										3.262 - 3.402	3.332
PCB-1221 Peak 6	3.395										3.325 - 3.465	3.395
PCB-1221 Peak 7	3.863										3.793 - 3.933	3.863
PCB-1221 Peak 8	4.027										3.957 - 4.097	4.027

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84507

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 11:08 Calibration End Date: 08/29/2011 11:08 Calibration ID: 12030

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/11	of176819.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	48.464				Ave		48.4640000						20.0			
PCB-1221 Peak 2	8.3890				Ave		8.38900000						20.0			
PCB-1221 Peak 3	55.032				Ave		55.0320000						20.0			
PCB-1221 Peak 4	122.91				Ave		122.909000						20.0			
PCB-1221 Peak 5	18.228				Ave		18.2280000						20.0			
PCB-1221 Peak 6	10.358				Ave		10.3580000						20.0			
PCB-1221 Peak 7	13.076				Ave		13.0760000						20.0			
PCB-1221 Peak 8	4.9360				Ave		4.93600000						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.: 460-30837-1 Analy Batch No.: 84507

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 11:08 Calibration End Date: 08/29/2011 11:08 Calibration ID: 12030

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/11	of176819.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	48464					1000				
PCB-1221 Peak 2	Ave	8389					1000				
PCB-1221 Peak 3	Ave	55032					1000				
PCB-1221 Peak 4	Ave	122909					1000				
PCB-1221 Peak 5	Ave	18228					1000				
PCB-1221 Peak 6	Ave	10358					1000				
PCB-1221 Peak 7	Ave	13076					1000				
PCB-1221 Peak 8	Ave	4936					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84507

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 11:08 Calibration End Date: 08/29/2011 11:08 Calibration ID: 12022

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/11	or176819.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	1.638										1.568 - 1.708	1.638
PCB-1221 Peak 2	1.917										1.847 - 1.987	1.917
PCB-1221 Peak 3	2.157										2.087 - 2.227	2.157
PCB-1221 Peak 4	2.317										2.247 - 2.387	2.317
PCB-1221 Peak 5	2.640										2.570 - 2.710	2.640
PCB-1221 Peak 6	2.762										2.692 - 2.832	2.762
PCB-1221 Peak 7	2.823										2.753 - 2.893	2.823
PCB-1221 Peak 8	3.090										3.020 - 3.160	3.090

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84507

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 11:08 Calibration End Date: 08/29/2011 11:08 Calibration ID: 12022

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/11	or176819.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	39.313				Ave		39.3130000						20.0			
PCB-1221 Peak 2	9.7940				Ave		9.79400000						20.0			
PCB-1221 Peak 3	48.763				Ave		48.7630000						20.0			
PCB-1221 Peak 4	144.20				Ave		144.196000						20.0			
PCB-1221 Peak 5	12.009				Ave		12.0090000						20.0			
PCB-1221 Peak 6	12.272				Ave		12.2720000						20.0			
PCB-1221 Peak 7	11.491				Ave		11.4910000						20.0			
PCB-1221 Peak 8	16.923				Ave		16.9230000						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.: 460-30837-1 Analy Batch No.: 84507

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 11:08 Calibration End Date: 08/29/2011 11:08 Calibration ID: 12022

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/11	or176819.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	39313					1000				
PCB-1221 Peak 2	Ave	9794					1000				
PCB-1221 Peak 3	Ave	48763					1000				
PCB-1221 Peak 4	Ave	144196					1000				
PCB-1221 Peak 5	Ave	12009					1000				
PCB-1221 Peak 6	Ave	12272					1000				
PCB-1221 Peak 7	Ave	11491					1000				
PCB-1221 Peak 8	Ave	16923					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84507

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 11:24 Calibration End Date: 08/29/2011 11:24 Calibration ID: 12031

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/12	of176820.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	2.885										2.815 - 2.955	2.885
PCB-1232 Peak 2	3.333										3.263 - 3.403	3.333
PCB-1232 Peak 3	3.605										3.535 - 3.675	3.605
PCB-1232 Peak 4	4.023										3.953 - 4.093	4.023
PCB-1232 Peak 5	4.173										4.103 - 4.243	4.173
PCB-1232 Peak 6	4.318										4.248 - 4.388	4.318
PCB-1232 Peak 7	4.597										4.527 - 4.667	4.597
PCB-1232 Peak 8	4.755										4.685 - 4.825	4.755

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84507

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 11:24 Calibration End Date: 08/29/2011 11:24 Calibration ID: 12031

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/12	of176820.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	88.218				Ave		88.2180000						20.0			
PCB-1232 Peak 2	94.472				Ave		94.4720000						20.0			
PCB-1232 Peak 3	46.986				Ave		46.9860000						20.0			
PCB-1232 Peak 4	77.567				Ave		77.5670000						20.0			
PCB-1232 Peak 5	56.935				Ave		56.9350000						20.0			
PCB-1232 Peak 6	52.698				Ave		52.6980000						20.0			
PCB-1232 Peak 7	52.634				Ave		52.6340000						20.0			
PCB-1232 Peak 8	69.272				Ave		69.2720000						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.: 460-30837-1 Analy Batch No.: 84507

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 11:24 Calibration End Date: 08/29/2011 11:24 Calibration ID: 12031

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/12	of176820.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	88218					1000				
PCB-1232 Peak 2	Ave	94472					1000				
PCB-1232 Peak 3	Ave	46986					1000				
PCB-1232 Peak 4	Ave	77567					1000				
PCB-1232 Peak 5	Ave	56935					1000				
PCB-1232 Peak 6	Ave	52698					1000				
PCB-1232 Peak 7	Ave	52634					1000				
PCB-1232 Peak 8	Ave	69272					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84507

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 11:24 Calibration End Date: 08/29/2011 11:24 Calibration ID: 12023

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/12	or176820.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	2.318										2.248 - 2.388	2.318
PCB-1232 Peak 2	2.638										2.568 - 2.708	2.638
PCB-1232 Peak 3	2.828										2.758 - 2.898	2.828
PCB-1232 Peak 4	3.090										3.020 - 3.160	3.090
PCB-1232 Peak 5	3.237										3.167 - 3.307	3.237
PCB-1232 Peak 6	3.290										3.220 - 3.360	3.290
PCB-1232 Peak 7	3.670										3.600 - 3.740	3.670
PCB-1232 Peak 8	4.087										4.017 - 4.157	4.087

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84507

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 11:24 Calibration End Date: 08/29/2011 11:24 Calibration ID: 12023

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/12	or176820.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	83.384				Ave		83.3840000						20.0			
PCB-1232 Peak 2	69.853				Ave		69.8530000						20.0			
PCB-1232 Peak 3	52.910				Ave		52.9100000						20.0			
PCB-1232 Peak 4	120.96				Ave		120.961000						20.0			
PCB-1232 Peak 5	47.102				Ave		47.1020000						20.0			
PCB-1232 Peak 6	44.302				Ave		44.3020000						20.0			
PCB-1232 Peak 7	57.835				Ave		57.8350000						20.0			
PCB-1232 Peak 8	14.446				Ave		14.4460000						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.: 460-30837-1 Analy Batch No.: 84507

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 11:24 Calibration End Date: 08/29/2011 11:24 Calibration ID: 12023

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/12	or176820.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	83384					1000				
PCB-1232 Peak 2	Ave	69853					1000				
PCB-1232 Peak 3	Ave	52910					1000				
PCB-1232 Peak 4	Ave	120961					1000				
PCB-1232 Peak 5	Ave	47102					1000				
PCB-1232 Peak 6	Ave	44302					1000				
PCB-1232 Peak 7	Ave	57835					1000				
PCB-1232 Peak 8	Ave	14446					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84507

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 11:41 Calibration End Date: 08/29/2011 11:41 Calibration ID: 12032

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/13	of176821.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	2.882										2.812 - 2.952	2.882
PCB-1242 Peak 2	3.330										3.260 - 3.400	3.330
PCB-1242 Peak 3	3.600										3.530 - 3.670	3.600
PCB-1242 Peak 4	3.858										3.788 - 3.928	3.858
PCB-1242 Peak 5	4.020										3.950 - 4.090	4.020
PCB-1242 Peak 6	4.315										4.245 - 4.385	4.315
PCB-1242 Peak 7	4.752										4.682 - 4.822	4.752
PCB-1242 Peak 8	5.130										5.060 - 5.200	5.130

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84507

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 11:41 Calibration End Date: 08/29/2011 11:41 Calibration ID: 12032

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/13	of176821.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	92.757				Ave		92.7570000						20.0			
PCB-1242 Peak 2	170.49				Ave		170.489000						20.0			
PCB-1242 Peak 3	122.88				Ave		122.879000						20.0			
PCB-1242 Peak 4	273.78				Ave		273.783000						20.0			
PCB-1242 Peak 5	163.67				Ave		163.667000						20.0			
PCB-1242 Peak 6	95.819				Ave		95.8190000						20.0			
PCB-1242 Peak 7	163.98				Ave		163.976000						20.0			
PCB-1242 Peak 8	130.42				Ave		130.423000						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.: 460-30837-1 Analy Batch No.: 84507

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 11:41 Calibration End Date: 08/29/2011 11:41 Calibration ID: 12032

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/13	of176821.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	92757					1000				
PCB-1242 Peak 2	Ave	170489					1000				
PCB-1242 Peak 3	Ave	122879					1000				
PCB-1242 Peak 4	Ave	273783					1000				
PCB-1242 Peak 5	Ave	163667					1000				
PCB-1242 Peak 6	Ave	95819					1000				
PCB-1242 Peak 7	Ave	163976					1000				
PCB-1242 Peak 8	Ave	130423					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84507

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 11:41 Calibration End Date: 08/29/2011 11:41 Calibration ID: 12024

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/13	or176821.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	2.318										2.248 - 2.388	2.318
PCB-1242 Peak 2	2.638										2.568 - 2.708	2.638
PCB-1242 Peak 3	2.828										2.758 - 2.898	2.828
PCB-1242 Peak 4	3.090										3.020 - 3.160	3.090
PCB-1242 Peak 5	3.233										3.163 - 3.303	3.233
PCB-1242 Peak 6	3.440										3.370 - 3.510	3.440
PCB-1242 Peak 7	3.668										3.598 - 3.738	3.668
PCB-1242 Peak 8	4.395										4.325 - 4.465	4.395

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84507

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 11:41 Calibration End Date: 08/29/2011 11:41 Calibration ID: 12024

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/13	or176821.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	75.054				Ave		75.0540000						20.0			
PCB-1242 Peak 2	124.17				Ave		124.169000						20.0			
PCB-1242 Peak 3	97.238				Ave		97.2380000						20.0			
PCB-1242 Peak 4	232.48				Ave		232.484000						20.0			
PCB-1242 Peak 5	96.900				Ave		96.9000000						20.0			
PCB-1242 Peak 6	116.85				Ave		116.854000						20.0			
PCB-1242 Peak 7	109.56				Ave		109.559000						20.0			
PCB-1242 Peak 8	164.94				Ave		164.938000						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.: 460-30837-1 Analy Batch No.: 84507

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 11:41 Calibration End Date: 08/29/2011 11:41 Calibration ID: 12024

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/13	or176821.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	75054					1000				
PCB-1242 Peak 2	Ave	124169					1000				
PCB-1242 Peak 3	Ave	97238					1000				
PCB-1242 Peak 4	Ave	232484					1000				
PCB-1242 Peak 5	Ave	96900					1000				
PCB-1242 Peak 6	Ave	116854					1000				
PCB-1242 Peak 7	Ave	109559					1000				
PCB-1242 Peak 8	Ave	164938					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84507

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 11:57 Calibration End Date: 08/29/2011 11:57 Calibration ID: 12033

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/14	of176822.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	3.323										3.253 - 3.393	3.323
PCB-1248 Peak 2	3.855										3.785 - 3.925	3.855
PCB-1248 Peak 3	4.012										3.942 - 4.082	4.012
PCB-1248 Peak 4	4.310										4.240 - 4.380	4.310
PCB-1248 Peak 5	4.590										4.520 - 4.660	4.590
PCB-1248 Peak 6	4.747										4.677 - 4.817	4.747
PCB-1248 Peak 7	5.123										5.053 - 5.193	5.123
PCB-1248 Peak 8	5.453										5.383 - 5.523	5.453

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84507

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 11:57 Calibration End Date: 08/29/2011 11:57 Calibration ID: 12033

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/14	of176822.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	89.105				Ave		89.1050000						20.0			
PCB-1248 Peak 2	157.72				Ave		157.724000						20.0			
PCB-1248 Peak 3	101.21				Ave		101.213000						20.0			
PCB-1248 Peak 4	135.36				Ave		135.359000						20.0			
PCB-1248 Peak 5	143.32				Ave		143.318000						20.0			
PCB-1248 Peak 6	216.54				Ave		216.542000						20.0			
PCB-1248 Peak 7	232.54				Ave		232.543000						20.0			
PCB-1248 Peak 8	305.81				Ave		305.808000						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.: 460-30837-1 Analy Batch No.: 84507

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 11:57 Calibration End Date: 08/29/2011 11:57 Calibration ID: 12033

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/14	of176822.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	89105					1000				
PCB-1248 Peak 2	Ave	157724					1000				
PCB-1248 Peak 3	Ave	101213					1000				
PCB-1248 Peak 4	Ave	135359					1000				
PCB-1248 Peak 5	Ave	143318					1000				
PCB-1248 Peak 6	Ave	216542					1000				
PCB-1248 Peak 7	Ave	232543					1000				
PCB-1248 Peak 8	Ave	305808					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84507

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 11:57 Calibration End Date: 08/29/2011 11:57 Calibration ID: 12025

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/14	or176822.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	2.637										2.567 - 2.707	2.637
PCB-1248 Peak 2	3.088										3.018 - 3.158	3.088
PCB-1248 Peak 3	3.243										3.173 - 3.313	3.243
PCB-1248 Peak 4	3.438										3.368 - 3.508	3.438
PCB-1248 Peak 5	3.667										3.597 - 3.737	3.667
PCB-1248 Peak 6	3.762										3.692 - 3.832	3.762
PCB-1248 Peak 7	3.917										3.847 - 3.987	3.917
PCB-1248 Peak 8	4.392										4.322 - 4.462	4.392

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84507

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 11:57 Calibration End Date: 08/29/2011 11:57 Calibration ID: 12025

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/14	or176822.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	62.994				Ave		62.9940000						20.0			
PCB-1248 Peak 2	118.03				Ave		118.029000						20.0			
PCB-1248 Peak 3	64.097				Ave		64.0970000						20.0			
PCB-1248 Peak 4	165.59				Ave		165.586000						20.0			
PCB-1248 Peak 5	158.21				Ave		158.207000						20.0			
PCB-1248 Peak 6	85.359				Ave		85.3590000						20.0			
PCB-1248 Peak 7	60.294				Ave		60.2940000						20.0			
PCB-1248 Peak 8	137.47				Ave		137.471000						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.: 460-30837-1 Analy Batch No.: 84507

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 11:57 Calibration End Date: 08/29/2011 11:57 Calibration ID: 12025

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/14	or176822.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	62994					1000				
PCB-1248 Peak 2	Ave	118029					1000				
PCB-1248 Peak 3	Ave	64097					1000				
PCB-1248 Peak 4	Ave	165586					1000				
PCB-1248 Peak 5	Ave	158207					1000				
PCB-1248 Peak 6	Ave	85359					1000				
PCB-1248 Peak 7	Ave	60294					1000				
PCB-1248 Peak 8	Ave	137471					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84507

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 12:13 Calibration End Date: 08/29/2011 12:13 Calibration ID: 12034

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/15	of176823.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	4.265										4.195 - 4.335	4.265
PCB-1254 Peak 2	5.122										5.052 - 5.192	5.122
PCB-1254 Peak 3	5.375										5.305 - 5.445	5.375
PCB-1254 Peak 4	5.815										5.745 - 5.885	5.815
PCB-1254 Peak 5	5.968										5.898 - 6.038	5.968
PCB-1254 Peak 6	6.817										6.747 - 6.887	6.817
PCB-1254 Peak 7	7.168										7.098 - 7.238	7.168
PCB-1254 Peak 8	7.890										7.820 - 7.960	7.890

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84507

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 12:13 Calibration End Date: 08/29/2011 12:13 Calibration ID: 12034

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/15	of176823.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	154.40				Ave		154.396000						20.0			
PCB-1254 Peak 2	239.61				Ave		239.606000						20.0			
PCB-1254 Peak 3	202.07				Ave		202.068000						20.0			
PCB-1254 Peak 4	149.83				Ave		149.827000						20.0			
PCB-1254 Peak 5	359.09				Ave		359.089000						20.0			
PCB-1254 Peak 6	191.72				Ave		191.719000						20.0			
PCB-1254 Peak 7	364.39				Ave		364.389000						20.0			
PCB-1254 Peak 8	39.705				Ave		39.7050000						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.: 460-30837-1 Analy Batch No.: 84507

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 12:13 Calibration End Date: 08/29/2011 12:13 Calibration ID: 12034

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/15	of176823.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	154396					1000				
PCB-1254 Peak 2	Ave	239606					1000				
PCB-1254 Peak 3	Ave	202068					1000				
PCB-1254 Peak 4	Ave	149827					1000				
PCB-1254 Peak 5	Ave	359089					1000				
PCB-1254 Peak 6	Ave	191719					1000				
PCB-1254 Peak 7	Ave	364389					1000				
PCB-1254 Peak 8	Ave	39705					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84507

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 12:13 Calibration End Date: 08/29/2011 12:13 Calibration ID: 12026

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/15	or176823.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	4.088										4.018 - 4.158	4.088
PCB-1254 Peak 2	4.123										4.053 - 4.193	4.123
PCB-1254 Peak 3	4.388										4.318 - 4.458	4.388
PCB-1254 Peak 4	4.712										4.642 - 4.782	4.712
PCB-1254 Peak 5	4.862										4.792 - 4.932	4.862
PCB-1254 Peak 6	5.205										5.135 - 5.275	5.205
PCB-1254 Peak 7	5.425										5.355 - 5.495	5.425
PCB-1254 Peak 8	5.775										5.705 - 5.845	5.775

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84507

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 12:13 Calibration End Date: 08/29/2011 12:13 Calibration ID: 12026

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/15	or176823.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	120.79				Ave		120.786000						20.0			
PCB-1254 Peak 2	112.98				Ave		112.979000						20.0			
PCB-1254 Peak 3	228.52				Ave		228.520000						20.0			
PCB-1254 Peak 4	140.35				Ave		140.350000						20.0			
PCB-1254 Peak 5	251.39				Ave		251.391000						20.0			
PCB-1254 Peak 6	165.77				Ave		165.774000						20.0			
PCB-1254 Peak 7	201.21				Ave		201.208000						20.0			
PCB-1254 Peak 8	246.21				Ave		246.212000						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.: 460-30837-1 Analy Batch No.: 84507

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 12:13 Calibration End Date: 08/29/2011 12:13 Calibration ID: 12026

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/15	or176823.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	120786					1000				
PCB-1254 Peak 2	Ave	112979					1000				
PCB-1254 Peak 3	Ave	228520					1000				
PCB-1254 Peak 4	Ave	140350					1000				
PCB-1254 Peak 5	Ave	251391					1000				
PCB-1254 Peak 6	Ave	165774					1000				
PCB-1254 Peak 7	Ave	201208					1000				
PCB-1254 Peak 8	Ave	246212					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84507

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 12:30 Calibration End Date: 08/29/2011 12:30 Calibration ID: 12035

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/16	of176824.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1262 Peak 1	6.233										6.163 - 6.303	6.233
PCB-1262 Peak 2	6.558										6.488 - 6.628	6.558
PCB-1262 Peak 3	7.343										7.273 - 7.413	7.343
PCB-1262 Peak 4	7.963										7.893 - 8.033	7.963
PCB-1262 Peak 5	9.150										9.080 - 9.220	9.150
PCB-1262 Peak 6	9.308										9.238 - 9.378	9.308
PCB-1262 Peak 7	9.952										9.882 - 10.022	9.952
PCB-1262 Peak 8	10.258										10.188 - 10.328	10.258

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84507

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 12:30 Calibration End Date: 08/29/2011 12:30 Calibration ID: 12035

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/16	of176824.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	224.72				Ave		224.722000						20.0			
PCB-1262 Peak 2	240.33				Ave		240.327000						20.0			
PCB-1262 Peak 3	324.29				Ave		324.292000						20.0			
PCB-1262 Peak 4	297.73				Ave		297.725000						20.0			
PCB-1262 Peak 5	10.344				Ave		10.3440000						20.0			
PCB-1262 Peak 6	398.87				Ave		398.872000						20.0			
PCB-1262 Peak 7	202.41				Ave		202.406000						20.0			
PCB-1262 Peak 8	67.650				Ave		67.6500000						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.: 460-30837-1 Analy Batch No.: 84507

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 12:30 Calibration End Date: 08/29/2011 12:30 Calibration ID: 12035

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/16	of176824.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1262 Peak 1	Ave	224722					1000				
PCB-1262 Peak 2	Ave	240327					1000				
PCB-1262 Peak 3	Ave	324292					1000				
PCB-1262 Peak 4	Ave	297725					1000				
PCB-1262 Peak 5	Ave	10344					1000				
PCB-1262 Peak 6	Ave	398872					1000				
PCB-1262 Peak 7	Ave	202406					1000				
PCB-1262 Peak 8	Ave	67650					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84507

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 12:30 Calibration End Date: 08/29/2011 12:30 Calibration ID: 12027

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/16	or176824.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1262 Peak 1	5.082										5.012 - 5.152	5.082
PCB-1262 Peak 2	5.432										5.362 - 5.502	5.432
PCB-1262 Peak 3	5.913										5.843 - 5.983	5.913
PCB-1262 Peak 4	6.235										6.165 - 6.305	6.235
PCB-1262 Peak 5	6.705										6.635 - 6.775	6.705
PCB-1262 Peak 6	7.200										7.130 - 7.270	7.200
PCB-1262 Peak 7	7.332										7.262 - 7.402	7.332
PCB-1262 Peak 8	8.545										8.475 - 8.615	8.545

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84507

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 12:30 Calibration End Date: 08/29/2011 12:30 Calibration ID: 12027

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/16	or176824.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	146.44				Ave		146.435000						20.0			
PCB-1262 Peak 2	120.63				Ave		120.628000						20.0			
PCB-1262 Peak 3	192.84				Ave		192.839000						20.0			
PCB-1262 Peak 4	190.50				Ave		190.498000						20.0			
PCB-1262 Peak 5	509.97				Ave		509.968000						20.0			
PCB-1262 Peak 6	80.447				Ave		80.4470000						20.0			
PCB-1262 Peak 7	320.26				Ave		320.257000						20.0			
PCB-1262 Peak 8	189.72				Ave		189.718000						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.: 460-30837-1 Analy Batch No.: 84507

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 12:30 Calibration End Date: 08/29/2011 12:30 Calibration ID: 12027

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/16	or176824.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1262 Peak 1	Ave	146435					1000				
PCB-1262 Peak 2	Ave	120628					1000				
PCB-1262 Peak 3	Ave	192839					1000				
PCB-1262 Peak 4	Ave	190498					1000				
PCB-1262 Peak 5	Ave	509968					1000				
PCB-1262 Peak 6	Ave	80447					1000				
PCB-1262 Peak 7	Ave	320257					1000				
PCB-1262 Peak 8	Ave	189718					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84507

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 12:45 Calibration End Date: 08/29/2011 12:45 Calibration ID: 12036

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/17	of176825.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1268 Peak 1	7.342										7.272 - 7.412	7.342
PCB-1268 Peak 2	7.965										7.895 - 8.035	7.965
PCB-1268 Peak 3	9.233										9.163 - 9.303	9.233
PCB-1268 Peak 4	9.298										9.228 - 9.368	9.298
PCB-1268 Peak 5	9.622										9.552 - 9.692	9.622
PCB-1268 Peak 6	9.735										9.665 - 9.805	9.735
PCB-1268 Peak 7	9.950										9.880 - 10.020	9.950
PCB-1268 Peak 8	10.255										10.185 - 10.325	10.255

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84507

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 12:45 Calibration End Date: 08/29/2011 12:45 Calibration ID: 12036

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/17	of176825.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	148.86				Ave		148.859000						20.0			
PCB-1268 Peak 2	191.00				Ave		191.002000						20.0			
PCB-1268 Peak 3	466.19				Ave		466.194000						20.0			
PCB-1268 Peak 4	821.58				Ave		821.579000						20.0			
PCB-1268 Peak 5	480.04				Ave		480.039000						20.0			
PCB-1268 Peak 6	183.04				Ave		183.044000						20.0			
PCB-1268 Peak 7	227.02				Ave		227.023000						20.0			
PCB-1268 Peak 8	1226.8				Ave		1226.77600						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.: 460-30837-1 Analy Batch No.: 84507

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 12:45 Calibration End Date: 08/29/2011 12:45 Calibration ID: 12036

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/17	of176825.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1268 Peak 1	Ave	148859					1000				
PCB-1268 Peak 2	Ave	191002					1000				
PCB-1268 Peak 3	Ave	466194					1000				
PCB-1268 Peak 4	Ave	821579					1000				
PCB-1268 Peak 5	Ave	480039					1000				
PCB-1268 Peak 6	Ave	183044					1000				
PCB-1268 Peak 7	Ave	227023					1000				
PCB-1268 Peak 8	Ave	1226776					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84507

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 12:45 Calibration End Date: 08/29/2011 12:45 Calibration ID: 12028

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/17	or176825.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1268 Peak 1	5.812										5.742 - 5.882	5.812
PCB-1268 Peak 2	6.225										6.155 - 6.295	6.225
PCB-1268 Peak 3	7.250										7.180 - 7.320	7.250
PCB-1268 Peak 4	7.318										7.248 - 7.388	7.318
PCB-1268 Peak 5	7.702										7.632 - 7.772	7.702
PCB-1268 Peak 6	7.883										7.813 - 7.953	7.883
PCB-1268 Peak 7	8.540										8.470 - 8.610	8.540
PCB-1268 Peak 8	9.065										8.995 - 9.135	9.065

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84507

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 12:45 Calibration End Date: 08/29/2011 12:45 Calibration ID: 12028

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/17	or176825.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	1.3600				Ave		1.36000000						20.0			
PCB-1268 Peak 2	117.56				Ave		117.557000						20.0			
PCB-1268 Peak 3	346.74				Ave		346.737000						20.0			
PCB-1268 Peak 4	654.83				Ave		654.832000						20.0			
PCB-1268 Peak 5	439.24				Ave		439.240000						20.0			
PCB-1268 Peak 6	185.59				Ave		185.590000						20.0			
PCB-1268 Peak 7	191.11				Ave		191.111000						20.0			
PCB-1268 Peak 8	1265.6				Ave		1265.59700						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.: 460-30837-1 Analy Batch No.: 84507

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 12:45 Calibration End Date: 08/29/2011 12:45 Calibration ID: 12028

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/17	or176825.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1268 Peak 1	Ave	1360					1000				
PCB-1268 Peak 2	Ave	117557					1000				
PCB-1268 Peak 3	Ave	346737					1000				
PCB-1268 Peak 4	Ave	654832					1000				
PCB-1268 Peak 5	Ave	439240					1000				
PCB-1268 Peak 6	Ave	185590					1000				
PCB-1268 Peak 7	Ave	191111					1000				
PCB-1268 Peak 8	Ave	1265597					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84689

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 15:06 Calibration End Date: 08/30/2011 16:26 Calibration ID: 12058

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/4	vf463923.d
Level 2	IC 460-84689/5	vf463924.d
Level 3	IC 460-84689/6	vf463925.d
Level 4	IC 460-84689/7	vf463926.d
Level 5	IC 460-84689/8	vf463927.d
Level 6	IC 460-84689/9	vf463928.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1016 Peak 1	2.968	2.965	2.965	2.964	2.967	2.968					2.914 - 3.054	2.966
PCB-1016 Peak 2	3.655	3.651	3.652	3.651	3.654	3.655					3.604 - 3.744	3.653
PCB-1016 Peak 3	4.097	4.094	4.095	4.095	4.097	4.099					4.043 - 4.183	4.096
PCB-1016 Peak 4	4.497	4.495	4.495	4.495	4.497	4.498					4.446 - 4.586	4.496
PCB-1016 Peak 5	4.742	4.742	4.740	4.740	4.742	4.743					4.690 - 4.830	4.742
PCB-1016 Peak 6	5.179	5.178	5.177	5.177	5.179	5.180					5.123 - 5.263	5.178
PCB-1016 Peak 7	5.565	5.565	5.564	5.565	5.567	5.567					5.510 - 5.650	5.566
PCB-1016 Peak 8	5.773	5.775	5.773	5.775	5.777	5.778					5.722 - 5.862	5.775
PCB-1260 Peak 1	7.478	7.481	7.478	7.479	7.481	7.480					7.421 - 7.561	7.479
PCB-1260 Peak 2	7.792	7.794	7.791	7.793	7.794	7.795					7.735 - 7.875	7.793
PCB-1260 Peak 3	8.259	8.262	8.258	8.259	8.261	8.260					8.205 - 8.345	8.260
PCB-1260 Peak 4	9.378	9.380	9.378	9.380	9.381	9.380					9.322 - 9.462	9.380
PCB-1260 Peak 5	9.497	9.502	9.498	9.500	9.501	9.500					9.441 - 9.581	9.500
PCB-1260 Peak 6	9.942	9.945	9.943	9.944	9.945	9.945					9.882 - 10.022	9.944
PCB-1260 Peak 7	10.305	10.307	10.305	10.306	10.307	10.306					10.243 - 10.383	10.306
PCB-1260 Peak 8	11.115	11.115	11.118	11.114	11.117	11.116					11.052 - 11.192	11.116
DCB Decachlorobiphenyl	11.555	11.554	11.559	11.550	11.557	11.555					11.458 - 11.658	11.555

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84689

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 15:06 Calibration End Date: 08/30/2011 16:26 Calibration ID: 12058

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/4	vf463923.d
Level 2	IC 460-84689/5	vf463924.d
Level 3	IC 460-84689/6	vf463925.d
Level 4	IC 460-84689/7	vf463926.d
Level 5	IC 460-84689/8	vf463927.d
Level 6	IC 460-84689/9	vf463928.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 6	LVL 3	LVL 4		B	M1	M2								
PCB-1016 Peak 1	2639.4 2161.4	2115.2 2010.0	2538.9	2179.0	Ave		2126.02763				6.7		20.0			
PCB-1016 Peak 2	4668.5 4563.9	3971.0 4320.7	5225.2	4578.4	Ave		4257.88188				4.7		20.0			
PCB-1016 Peak 3	1999.1 1929.7	1717.9 1946.5	2119.0	1895.0	Ave		1893.07680				4.1		20.0			
PCB-1016 Peak 4	10326 8648.2	8988.6 8249.4	9816.6	8708.0	Ave		8895.63749				8.7		20.0			
PCB-1016 Peak 5	3967.4 3893.1	4222.7 3769.6	4314.7	3906.4	Ave		4087.23531				12.7		20.0			
PCB-1016 Peak 6	2620.2 2307.2	1917.5 2194.0	2740.7	2323.3	Ave		2333.08161				6.7		20.0			
PCB-1016 Peak 7	4045.2 2635.0	2521.8 2649.4	3132.5	2664.4	Ave		2951.32897				16.8		20.0			
PCB-1016 Peak 8	2459.6 2824.6	2097.8 2805.6	2851.4	2618.1	Ave		2635.80041				6.1		20.0			
PCB-1260 Peak 1	3609.0 2978.5	3088.8 2772.0	3284.5	3122.2	Ave		3023.11756				6.2		20.0			
PCB-1260 Peak 2	7843.7 6130.6	6766.7 5670.0	6899.0	6484.0	Ave		6400.60169				10.2		20.0			
PCB-1260 Peak 3	9429.5 7333.4	8165.3 6827.0	8339.1	7772.5	Ave		7684.48328				7.7		20.0			
PCB-1260 Peak 4	5063.0 5265.4	4364.1 4953.3	5121.6	5067.1	Ave		5236.41215				5.2		20.0			
PCB-1260 Peak 5	2133.6 2886.7	1816.2 2746.5	2570.6	2653.5	Ave		2755.37428				5.4		20.0			
PCB-1260 Peak 6	5303.5 4865.0	4553.0 4638.6	4729.6	4749.3	Ave		4654.60973				7.5		20.0			
PCB-1260 Peak 7	10621 9971.2	9101.8 9443.9	10311	10008	Ave		11057.2371				18.8		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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84689

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 15:06 Calibration End Date: 08/30/2011 16:26 Calibration ID: 12058

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 6	LVL 3	LVL 4		B	M1	M2								
PCB-1260 Peak 8	4624.2 2594.5	3809.1 2429.4	3166.2	2794.3	Ave		2712.88695				8.3		20.0			
DCB Decachlorobiphenyl	91451 75835	78480 71674	87278	77793	Ave		82607.8667				6.5		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.: 460-30837-1 Analy Batch No.: 84689

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 15:06 Calibration End Date: 08/30/2011 16:26 Calibration ID: 12058

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/4	vf463923.d
Level 2	IC 460-84689/5	vf463924.d
Level 3	IC 460-84689/6	vf463925.d
Level 4	IC 460-84689/7	vf463926.d
Level 5	IC 460-84689/8	vf463927.d
Level 6	IC 460-84689/9	vf463928.d

ANALYTE	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
PCB-1016 Peak 1	Ave	263944 5024951	211517	1269474	2179010	3242108	100 2500	100	500	1000	1500
PCB-1016 Peak 2	Ave	466845 10801851	397103	2612590	4578374	6845826	100 2500	100	500	1000	1500
PCB-1016 Peak 3	Ave	199913 4866247	171788	1059507	1894967	2894506	100 2500	100	500	1000	1500
PCB-1016 Peak 4	Ave	1032595 20623586	898861	4908297	8708026	12972332	100 2500	100	500	1000	1500
PCB-1016 Peak 5	Ave	396742 9423902	422266	2157356	3906353	5839713	100 2500	100	500	1000	1500
PCB-1016 Peak 6	Ave	262015 5484911	191752	1370357	2323316	3460874	100 2500	100	500	1000	1500
PCB-1016 Peak 7	Ave	404519 6623441	252181	1566237	2664415	3952466	100 2500	100	500	1000	1500
PCB-1016 Peak 8	Ave	245957 7013954	209778	1425723	2618138	4236857	100 2500	100	500	1000	1500
PCB-1260 Peak 1	Ave	360898 6930065	308882	1642272	3122174	4467823	100 2500	100	500	1000	1500
PCB-1260 Peak 2	Ave	784367 14174989	676666	3449504	6483997	9195914	100 2500	100	500	1000	1500
PCB-1260 Peak 3	Ave	942948 17067443	816526	4169567	7772539	11000155	100 2500	100	500	1000	1500
PCB-1260 Peak 4	Ave	506303 12383217	436408	2560800	5067132	7898108	100 2500	100	500	1000	1500
PCB-1260 Peak 5	Ave	213362 6866184	181617	1285319	2653470	4330008	100 2500	100	500	1000	1500
PCB-1260 Peak 6	Ave	530354 11596421	455296	2364809	4749250	7297425	100 2500	100	500	1000	1500
PCB-1260 Peak 7	Ave	1062069 23609632	910179	5155684	10007797	14956725	100 2500	100	500	1000	1500
PCB-1260 Peak 8	Ave	462423 6073440	380906	1583113	2794299	3891679	100 2500	100	500	1000	1500

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84689

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 15:06 Calibration End Date: 08/30/2011 16:26 Calibration ID: 12058

ANALYTE	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
DCB Decachlorobiphenyl	Ave	2286279 14334705	1962000	4363907	7779292	11375283	25.0 200	25.0	50.0	100	150

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84689

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 15:06 Calibration End Date: 08/30/2011 16:26 Calibration ID: 12059

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/4	vr463923.d
Level 2	IC 460-84689/5	vr463924.d
Level 3	IC 460-84689/6	vr463925.d
Level 4	IC 460-84689/7	vr463926.d
Level 5	IC 460-84689/8	vr463927.d
Level 6	IC 460-84689/9	vr463928.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1016 Peak 1	2.096	2.094	2.094	2.095	2.096	2.095					2.028 - 2.168	2.095
PCB-1016 Peak 2	2.536	2.534	2.535	2.535	2.537	2.537					2.469 - 2.609	2.536
PCB-1016 Peak 3	2.785	2.786	2.786	2.785	2.788	2.788					2.719 - 2.859	2.787
PCB-1016 Peak 4	3.145	3.143	3.142	3.141	3.143	3.143					3.077 - 3.217	3.143
PCB-1016 Peak 5	3.347	3.344	3.345	3.344	3.346	3.346					3.280 - 3.420	3.345
PCB-1016 Peak 6	3.443	3.442	3.441	3.440	3.444	3.444					3.377 - 3.517	3.442
PCB-1016 Peak 7	4.059	4.054	4.055	4.055	4.057	4.058					3.990 - 4.130	4.056
PCB-1016 Peak 8	4.208	4.204	4.203	4.204	4.205	4.205					4.139 - 4.279	4.205
PCB-1260 Peak 1	6.089	6.089	6.087	6.088	6.089	6.089					6.021 - 6.161	6.088
PCB-1260 Peak 2	6.542	6.543	6.541	6.541	6.542	6.541					6.474 - 6.614	6.542
PCB-1260 Peak 3	6.986	6.988	6.985	6.986	6.987	6.985					6.920 - 7.060	6.986
PCB-1260 Peak 4	7.183	7.184	7.183	7.184	7.185	7.184					7.117 - 7.257	7.184
PCB-1260 Peak 5	7.620	7.623	7.620	7.622	7.622	7.622					7.555 - 7.695	7.622
PCB-1260 Peak 6	8.922	8.925	8.922	8.924	8.923	8.922					8.859 - 8.999	8.923
PCB-1260 Peak 7	9.018	9.022	9.018	9.023	9.023	9.024					8.955 - 9.095	9.021
PCB-1260 Peak 8	9.138	9.141	9.137	9.141	9.142	9.142					9.075 - 9.215	9.140
DCB Decachlorobiphenyl	10.636	10.636	10.636	10.636	10.637	10.636					10.538 - 10.738	10.636

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84689

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 15:06 Calibration End Date: 08/30/2011 16:26 Calibration ID: 12059

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/4	vr463923.d
Level 2	IC 460-84689/5	vr463924.d
Level 3	IC 460-84689/6	vr463925.d
Level 4	IC 460-84689/7	vr463926.d
Level 5	IC 460-84689/8	vr463927.d
Level 6	IC 460-84689/9	vr463928.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 6	LVL 3	LVL 4		B	M1	M2								
PCB-1016 Peak 1	4061.3 3639.3	3259.9 3250.3	4296.9	3711.9	Ave		3631.64213				11.8		20.0			
PCB-1016 Peak 2	7216.2 6203.2	6577.4 5705.5	7024.4	6216.4	Ave		6345.38539				7.7		20.0			
PCB-1016 Peak 3	4488.8 3802.4	4994.9 3561.7	4166.3	3756.9	Ave		4056.43995				14.0		20.0			
PCB-1016 Peak 4	14775 13623	15600 12866	15445	13597	Ave		14226.2328				8.6		20.0			
PCB-1016 Peak 5	4090.7 5388.2	5230.7 5145.5	5899.9	5317.3	Ave		5396.30779				5.5		20.0			
PCB-1016 Peak 6	1431.3 3641.5	2429.3 3651.0	3958.7	3579.4	Ave		3451.98735				17.1		20.0			
PCB-1016 Peak 7	5394.3 5219.4	5044.9 4229.4	5597.4	5073.5	Ave		5032.90349				9.9		20.0			
PCB-1016 Peak 8	2233.0 2620.2	2208.7 2553.3	2628.1	2450.7	Ave		2492.21319				7.0		20.0			
PCB-1260 Peak 1	8879.5 8150.8	8511.9 7633.2	8779.1	8173.1	Ave		8249.61748				5.2		20.0			
PCB-1260 Peak 2	18203 15435	16015 14506	17052	15981	Ave		15797.8946				5.9		20.0			
PCB-1260 Peak 3	14932 14308	13602 13578	15156	14586	Ave		14246.0824				4.7		20.0			
PCB-1260 Peak 4	7636.7 7962.4	7512.0 7621.1	8409.4	8083.3	Ave		7917.64611				4.6		20.0			
PCB-1260 Peak 5	7914.4 7122.0	7641.8 6848.3	7424.3	7198.5	Ave		7246.98691				4.2		20.0			
PCB-1260 Peak 6	8000.1 8319.8	7038.1 8248.1	8244.8	8423.2	Ave		8054.79977				7.1		20.0			
PCB-1260 Peak 7	4819.8 5022.0	4253.1 4710.6	4944.8	4959.3	Ave		4777.95791				6.6		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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84689

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 15:06 Calibration End Date: 08/30/2011 16:26 Calibration ID: 12059

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 6	LVL 3	LVL 4		B	M1	M2								
PCB-1260 Peak 8	4813.9 5894.1	4400.4 5637.2	5567.1	5721.7	Ave		5444.11255				10.9		20.0			
DCB Decachlorobiphenyl	132806 123451	117016 117139	131062	126087	Ave		122950.966				4.9		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.: 460-30837-1 Analy Batch No.: 84689

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 15:06 Calibration End Date: 08/30/2011 16:26 Calibration ID: 12059

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/4	vr463923.d
Level 2	IC 460-84689/5	vr463924.d
Level 3	IC 460-84689/6	vr463925.d
Level 4	IC 460-84689/7	vr463926.d
Level 5	IC 460-84689/8	vr463927.d
Level 6	IC 460-84689/9	vr463928.d

ANALYTE	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
PCB-1016 Peak 1	Ave	406125 8125680	325992	2148441	3711878	5458888	100 2500	100	500	1000	1500
PCB-1016 Peak 2	Ave	721624 14263704	657739	3512211	6216396	9304856	100 2500	100	500	1000	1500
PCB-1016 Peak 3	Ave	448882 8904181	499486	2083156	3756910	5703668	100 2500	100	500	1000	1500
PCB-1016 Peak 4	Ave	1477510 32164927	1559999	7722530	13597377	20434149	100 2500	100	500	1000	1500
PCB-1016 Peak 5	Ave	409066 12863629	523065	2949967	5317324	8082269	100 2500	100	500	1000	1500
PCB-1016 Peak 6	Ave	143132 9127571	242932	1979343	3579367	5462303	100 2500	100	500	1000	1500
PCB-1016 Peak 7	Ave	539430 10573392	504487	2798688	5073472	7829164	100 2500	100	500	1000	1500
PCB-1016 Peak 8	Ave	223302 6383269	220869	1314071	2450687	3930359	100 2500	100	500	1000	1500
PCB-1260 Peak 1	Ave	887948 19083086	851185	4389544	8173105	12226215	100 2500	100	500	1000	1500
PCB-1260 Peak 2	Ave	1820273 36265952	1601518	8526129	15980941	23152070	100 2500	100	500	1000	1500
PCB-1260 Peak 3	Ave	1493210 33946035	1360246	7578064	14585854	21461334	100 2500	100	500	1000	1500
PCB-1260 Peak 4	Ave	763672 19052673	751198	4204716	8083320	11943644	100 2500	100	500	1000	1500
PCB-1260 Peak 5	Ave	791440 17120873	764181	3712169	7198462	10682963	100 2500	100	500	1000	1500
PCB-1260 Peak 6	Ave	800008 20620323	703807	4122403	8423183	12479716	100 2500	100	500	1000	1500
PCB-1260 Peak 7	Ave	481978 11776493	425312	2472375	4959273	7533074	100 2500	100	500	1000	1500
PCB-1260 Peak 8	Ave	481391 14093056	440037	2783559	5721747	8841158	100 2500	100	500	1000	1500

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84689

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 15:06 Calibration End Date: 08/30/2011 16:26 Calibration ID: 12059

ANALYTE	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
DCB Decachlorobiphenyl	Ave	3320161 23427713	2925398	6553098	12608712	18517690	25.0 200	25.0	50.0	100	150

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84689

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 16:42 Calibration End Date: 08/30/2011 16:42 Calibration ID: 12067

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/10	vf463929.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	1.665										1.598 - 1.738	1.665
PCB-1221 Peak 2	2.137										2.070 - 2.210	2.137
PCB-1221 Peak 3	2.675										2.610 - 2.750	2.675
PCB-1221 Peak 4	2.878										2.813 - 2.953	2.878
PCB-1221 Peak 5	2.965										2.901 - 3.041	2.965
PCB-1221 Peak 6	3.643										3.580 - 3.720	3.643
PCB-1221 Peak 7	3.759										3.696 - 3.836	3.759
PCB-1221 Peak 8	4.498										4.434 - 4.574	4.498

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84689

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 16:42 Calibration End Date: 08/30/2011 16:42 Calibration ID: 12067

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/10	vf463929.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	1110.5				Ave		956.471000						20.0			
PCB-1221 Peak 2	354.96				Ave		348.135000						20.0			
PCB-1221 Peak 3	1335.8				Ave		1224.38000						20.0			
PCB-1221 Peak 4	910.72				Ave		844.168000						20.0			
PCB-1221 Peak 5	3378.9				Ave		3241.31000						20.0			
PCB-1221 Peak 6	574.74				Ave		553.591000						20.0			
PCB-1221 Peak 7	722.92				Ave		702.653000						20.0			
PCB-1221 Peak 8	627.94				Ave		608.142000						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.: 460-30837-1 Analy Batch No.: 84689

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 16:42 Calibration End Date: 08/30/2011 16:42 Calibration ID: 12067

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/10	vf463929.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	1110476					1000				
PCB-1221 Peak 2	Ave	354961					1000				
PCB-1221 Peak 3	Ave	1335762					1000				
PCB-1221 Peak 4	Ave	910722					1000				
PCB-1221 Peak 5	Ave	3378930					1000				
PCB-1221 Peak 6	Ave	574741					1000				
PCB-1221 Peak 7	Ave	722921					1000				
PCB-1221 Peak 8	Ave	627939					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84689

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 16:42 Calibration End Date: 08/30/2011 16:42 Calibration ID: 12060

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/10	vr463929.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	1.124										1.054 - 1.194	1.124
PCB-1221 Peak 2	1.524										1.454 - 1.594	1.524
PCB-1221 Peak 3	1.871										1.801 - 1.941	1.871
PCB-1221 Peak 4	2.094										2.024 - 2.164	2.094
PCB-1221 Peak 5	2.536										2.466 - 2.606	2.536
PCB-1221 Peak 6	2.623										2.553 - 2.693	2.623
PCB-1221 Peak 7	2.704										2.634 - 2.774	2.704
PCB-1221 Peak 8	3.145										3.075 - 3.215	3.145

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84689

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 16:42 Calibration End Date: 08/30/2011 16:42 Calibration ID: 12060

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/10	vr463929.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	1429.3				Ave		1429.31400						20.0			
PCB-1221 Peak 2	330.74				Ave		330.739000						20.0			
PCB-1221 Peak 3	1918.1				Ave		1918.12900						20.0			
PCB-1221 Peak 4	5763.0				Ave		5763.04200						20.0			
PCB-1221 Peak 5	413.50				Ave		413.503000						20.0			
PCB-1221 Peak 6	297.92				Ave		297.917000						20.0			
PCB-1221 Peak 7	640.42				Ave		640.422000						20.0			
PCB-1221 Peak 8	803.86				Ave		803.856000						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.: 460-30837-1 Analy Batch No.: 84689

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 16:42 Calibration End Date: 08/30/2011 16:42 Calibration ID: 12060

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/10	vr463929.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	1429314					1000				
PCB-1221 Peak 2	Ave	330739					1000				
PCB-1221 Peak 3	Ave	1918129					1000				
PCB-1221 Peak 4	Ave	5763042					1000				
PCB-1221 Peak 5	Ave	413503					1000				
PCB-1221 Peak 6	Ave	297917					1000				
PCB-1221 Peak 7	Ave	640422					1000				
PCB-1221 Peak 8	Ave	803856					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84689

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 16:57 Calibration End Date: 08/30/2011 16:57 Calibration ID: 12068

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/11	vf463930.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	2.964										2.899 - 3.039	2.964
PCB-1232 Peak 2	3.650										3.586 - 3.726	3.650
PCB-1232 Peak 3	4.095										4.031 - 4.171	4.095
PCB-1232 Peak 4	4.495										4.430 - 4.570	4.495
PCB-1232 Peak 5	4.740										4.676 - 4.816	4.740
PCB-1232 Peak 6	4.921										4.856 - 4.996	4.921
PCB-1232 Peak 7	5.565										5.500 - 5.640	5.565
PCB-1232 Peak 8	5.775										5.708 - 5.848	5.775

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84689

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 16:57 Calibration End Date: 08/30/2011 16:57 Calibration ID: 12068

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/11	vf463930.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	2364.2				Ave		2263.38900						20.0			
PCB-1232 Peak 2	2059.7				Ave		2021.08200						20.0			
PCB-1232 Peak 3	890.94				Ave		861.277000						20.0			
PCB-1232 Peak 4	3862.8				Ave		4088.89700						20.0			
PCB-1232 Peak 5	1572.1				Ave		1846.22400						20.0			
PCB-1232 Peak 6	1128.0				Ave		1333.24300						20.0			
PCB-1232 Peak 7	1471.4				Ave		1273.28700						20.0			
PCB-1232 Peak 8	1492.7				Ave		1132.34300						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.: 460-30837-1 Analy Batch No.: 84689

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 16:57 Calibration End Date: 08/30/2011 16:57 Calibration ID: 12068

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/11	vf463930.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	2364175					1000				
PCB-1232 Peak 2	Ave	2059730					1000				
PCB-1232 Peak 3	Ave	890940					1000				
PCB-1232 Peak 4	Ave	3862794					1000				
PCB-1232 Peak 5	Ave	1572133					1000				
PCB-1232 Peak 6	Ave	1128041					1000				
PCB-1232 Peak 7	Ave	1471443					1000				
PCB-1232 Peak 8	Ave	1492702					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84689

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 16:57 Calibration End Date: 08/30/2011 16:57 Calibration ID: 12061

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/11	vr463930.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	2.094										2.024 - 2.164	2.094
PCB-1232 Peak 2	2.534										2.464 - 2.604	2.534
PCB-1232 Peak 3	2.786										2.716 - 2.856	2.786
PCB-1232 Peak 4	3.142										3.072 - 3.212	3.142
PCB-1232 Peak 5	3.346										3.276 - 3.416	3.346
PCB-1232 Peak 6	3.693										3.623 - 3.763	3.693
PCB-1232 Peak 7	4.055										3.985 - 4.125	4.055
PCB-1232 Peak 8	4.203										4.133 - 4.273	4.203

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84689

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 16:57 Calibration End Date: 08/30/2011 16:57 Calibration ID: 12061

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/11	vr463930.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	3886.8				Ave		3886.81200						20.0			
PCB-1232 Peak 2	3038.5				Ave		3038.52100						20.0			
PCB-1232 Peak 3	1861.2				Ave		1861.21400						20.0			
PCB-1232 Peak 4	6425.6				Ave		6425.55500						20.0			
PCB-1232 Peak 5	2407.7				Ave		2407.74400						20.0			
PCB-1232 Peak 6	3977.6				Ave		3977.55400						20.0			
PCB-1232 Peak 7	2520.5				Ave		2520.45100						20.0			
PCB-1232 Peak 8	1205.3				Ave		1205.32500						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.: 460-30837-1 Analy Batch No.: 84689

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 16:57 Calibration End Date: 08/30/2011 16:57 Calibration ID: 12061

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/11	vr463930.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	3886812					1000				
PCB-1232 Peak 2	Ave	3038521					1000				
PCB-1232 Peak 3	Ave	1861214					1000				
PCB-1232 Peak 4	Ave	6425555					1000				
PCB-1232 Peak 5	Ave	2407744					1000				
PCB-1232 Peak 6	Ave	3977554					1000				
PCB-1232 Peak 7	Ave	2520451					1000				
PCB-1232 Peak 8	Ave	1205325					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84689

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 17:13 Calibration End Date: 08/30/2011 17:13 Calibration ID: 12069

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/12	vf463931.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	2.967										2.901 - 3.041	2.967
PCB-1242 Peak 2	3.654										3.590 - 3.730	3.654
PCB-1242 Peak 3	4.097										4.034 - 4.174	4.097
PCB-1242 Peak 4	4.497										4.433 - 4.573	4.497
PCB-1242 Peak 5	4.742										4.679 - 4.819	4.742
PCB-1242 Peak 6	4.922										4.860 - 5.000	4.922
PCB-1242 Peak 7	5.774										5.713 - 5.853	5.774
PCB-1242 Peak 8	6.294										6.231 - 6.371	6.294

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84689

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 17:13 Calibration End Date: 08/30/2011 17:13 Calibration ID: 12069

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/12	vf463931.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	1986.9				Ave		2047.56600						20.0			
PCB-1242 Peak 2	4052.0				Ave		4007.99100						20.0			
PCB-1242 Peak 3	1703.5				Ave		1668.26000						20.0			
PCB-1242 Peak 4	7736.1				Ave		7152.98400						20.0			
PCB-1242 Peak 5	3454.0				Ave		2933.22600						20.0			
PCB-1242 Peak 6	2566.5				Ave		2172.48000						20.0			
PCB-1242 Peak 7	2796.7				Ave		2819.56900						20.0			
PCB-1242 Peak 8	3332.2				Ave		3781.87700						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.: 460-30837-1 Analy Batch No.: 84689

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 17:13 Calibration End Date: 08/30/2011 17:13 Calibration ID: 12069

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/12	vf463931.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	1986921					1000				
PCB-1242 Peak 2	Ave	4051982					1000				
PCB-1242 Peak 3	Ave	1703453					1000				
PCB-1242 Peak 4	Ave	7736104					1000				
PCB-1242 Peak 5	Ave	3453980					1000				
PCB-1242 Peak 6	Ave	2566531					1000				
PCB-1242 Peak 7	Ave	2796673					1000				
PCB-1242 Peak 8	Ave	3332171					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84689

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 17:13 Calibration End Date: 08/30/2011 17:13 Calibration ID: 12062

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/12	vr463931.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	2.096										2.026 - 2.166	2.096
PCB-1242 Peak 2	2.537										2.467 - 2.607	2.537
PCB-1242 Peak 3	2.789										2.719 - 2.859	2.789
PCB-1242 Peak 4	3.144										3.074 - 3.214	3.144
PCB-1242 Peak 5	3.348										3.278 - 3.418	3.348
PCB-1242 Peak 6	3.699										3.629 - 3.769	3.699
PCB-1242 Peak 7	4.058										3.988 - 4.128	4.058
PCB-1242 Peak 8	5.146										5.076 - 5.216	5.146

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84689

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 17:13 Calibration End Date: 08/30/2011 17:13 Calibration ID: 12062

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/12	vr463931.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	3479.6				Ave		3479.58100						20.0			
PCB-1242 Peak 2	5470.4				Ave		5470.40000						20.0			
PCB-1242 Peak 3	3355.9				Ave		3355.90100						20.0			
PCB-1242 Peak 4	12104				Ave		12103.5350						20.0			
PCB-1242 Peak 5	4717.3				Ave		4717.32300						20.0			
PCB-1242 Peak 6	7332.3				Ave		7332.30500						20.0			
PCB-1242 Peak 7	4754.4				Ave		4754.36800						20.0			
PCB-1242 Peak 8	4719.8				Ave		4719.80600						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.: 460-30837-1 Analy Batch No.: 84689

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 17:13 Calibration End Date: 08/30/2011 17:13 Calibration ID: 12062

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/12	vr463931.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	3479581					1000				
PCB-1242 Peak 2	Ave	5470400					1000				
PCB-1242 Peak 3	Ave	3355901					1000				
PCB-1242 Peak 4	Ave	12103535					1000				
PCB-1242 Peak 5	Ave	4717323					1000				
PCB-1242 Peak 6	Ave	7332305					1000				
PCB-1242 Peak 7	Ave	4754368					1000				
PCB-1242 Peak 8	Ave	4719806					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84689

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 17:29 Calibration End Date: 08/30/2011 17:29 Calibration ID: 12070

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/13	vf463932.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	3.651										3.587 - 3.727	3.651
PCB-1248 Peak 2	4.493										4.430 - 4.570	4.493
PCB-1248 Peak 3	4.737										4.673 - 4.813	4.737
PCB-1248 Peak 4	5.107										5.044 - 5.184	5.107
PCB-1248 Peak 5	5.565										5.503 - 5.643	5.565
PCB-1248 Peak 6	5.775										5.712 - 5.852	5.775
PCB-1248 Peak 7	6.111										6.048 - 6.188	6.111
PCB-1248 Peak 8	6.292										6.228 - 6.368	6.292

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84689

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 17:29 Calibration End Date: 08/30/2011 17:29 Calibration ID: 12070

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/13	vf463932.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	1888.1				Ave		1910.94300						20.0			
PCB-1248 Peak 2	4973.4				Ave		5059.44000						20.0			
PCB-1248 Peak 3	2048.2				Ave		2125.34000						20.0			
PCB-1248 Peak 4	3075.9				Ave		3081.73800						20.0			
PCB-1248 Peak 5	3978.1				Ave		4154.38500						20.0			
PCB-1248 Peak 6	4227.7				Ave		4441.09100						20.0			
PCB-1248 Peak 7	2497.4				Ave		2525.67200						20.0			
PCB-1248 Peak 8	5873.1				Ave		5893.34200						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.: 460-30837-1 Analy Batch No.: 84689

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 17:29 Calibration End Date: 08/30/2011 17:29 Calibration ID: 12070

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/13	vf463932.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	1888112					1000				
PCB-1248 Peak 2	Ave	4973413					1000				
PCB-1248 Peak 3	Ave	2048226					1000				
PCB-1248 Peak 4	Ave	3075888					1000				
PCB-1248 Peak 5	Ave	3978142					1000				
PCB-1248 Peak 6	Ave	4227663					1000				
PCB-1248 Peak 7	Ave	2497418					1000				
PCB-1248 Peak 8	Ave	5873087					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84689

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 17:29 Calibration End Date: 08/30/2011 17:29 Calibration ID: 12063

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/13	vr463932.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	2.535										2.465 - 2.605	2.535
PCB-1248 Peak 2	3.142										3.072 - 3.212	3.142
PCB-1248 Peak 3	3.357										3.287 - 3.427	3.357
PCB-1248 Peak 4	3.693										3.623 - 3.763	3.693
PCB-1248 Peak 5	4.057										3.987 - 4.127	4.057
PCB-1248 Peak 6	4.203										4.133 - 4.273	4.203
PCB-1248 Peak 7	4.641										4.571 - 4.711	4.641
PCB-1248 Peak 8	5.146										5.076 - 5.216	5.146

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84689

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 17:29 Calibration End Date: 08/30/2011 17:29 Calibration ID: 12063

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/13	vr463932.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	2776.4				Ave		2776.37300						20.0			
PCB-1248 Peak 2	8382.0				Ave		8381.98900						20.0			
PCB-1248 Peak 3	2964.7				Ave		2964.69200						20.0			
PCB-1248 Peak 4	11830				Ave		11829.9840						20.0			
PCB-1248 Peak 5	7555.1				Ave		7555.08700						20.0			
PCB-1248 Peak 6	4417.2				Ave		4417.19100						20.0			
PCB-1248 Peak 7	2907.8				Ave		2907.82400						20.0			
PCB-1248 Peak 8	9482.3				Ave		9482.29900						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.: 460-30837-1 Analy Batch No.: 84689

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 17:29 Calibration End Date: 08/30/2011 17:29 Calibration ID: 12063

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/13	vr463932.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	2776373					1000				
PCB-1248 Peak 2	Ave	8381989					1000				
PCB-1248 Peak 3	Ave	2964692					1000				
PCB-1248 Peak 4	Ave	11829984					1000				
PCB-1248 Peak 5	Ave	7555087					1000				
PCB-1248 Peak 6	Ave	4417191					1000				
PCB-1248 Peak 7	Ave	2907824					1000				
PCB-1248 Peak 8	Ave	9482299					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84689

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 17:45 Calibration End Date: 08/30/2011 17:45 Calibration ID: 12071

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/14	vf463933.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	5.108										5.043 - 5.183	5.108
PCB-1254 Peak 2	6.282										6.218 - 6.358	6.282
PCB-1254 Peak 3	6.612										6.548 - 6.688	6.612
PCB-1254 Peak 4	7.193										7.129 - 7.269	7.193
PCB-1254 Peak 5	7.407										7.344 - 7.484	7.407
PCB-1254 Peak 6	7.870										7.807 - 7.947	7.870
PCB-1254 Peak 7	8.260										8.198 - 8.338	8.260
PCB-1254 Peak 8	8.650										8.586 - 8.726	8.650

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84689

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 17:45 Calibration End Date: 08/30/2011 17:45 Calibration ID: 12071

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/14	vf463933.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	3526.7				Ave		2658.26300						20.0			
PCB-1254 Peak 2	5382.7				Ave		5347.57900						20.0			
PCB-1254 Peak 3	5471.6				Ave		5533.71600						20.0			
PCB-1254 Peak 4	3740.9				Ave		3889.80500						20.0			
PCB-1254 Peak 5	8212.2				Ave		8538.26600						20.0			
PCB-1254 Peak 6	6454.0				Ave		6809.74000						20.0			
PCB-1254 Peak 7	4548.3				Ave		4813.39100						20.0			
PCB-1254 Peak 8	4283.4				Ave		4642.83200						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.: 460-30837-1 Analy Batch No.: 84689

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 17:45 Calibration End Date: 08/30/2011 17:45 Calibration ID: 12071

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/14	vf463933.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	3526706					1000				
PCB-1254 Peak 2	Ave	5382658					1000				
PCB-1254 Peak 3	Ave	5471570					1000				
PCB-1254 Peak 4	Ave	3740934					1000				
PCB-1254 Peak 5	Ave	8212216					1000				
PCB-1254 Peak 6	Ave	6453962					1000				
PCB-1254 Peak 7	Ave	4548310					1000				
PCB-1254 Peak 8	Ave	4283375					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84689

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 17:45 Calibration End Date: 08/30/2011 17:45 Calibration ID: 12064

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/14	vr463933.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	4.703										4.633 - 4.773	4.703
PCB-1254 Peak 2	4.785										4.715 - 4.855	4.785
PCB-1254 Peak 3	5.147										5.077 - 5.217	5.147
PCB-1254 Peak 4	5.589										5.519 - 5.659	5.589
PCB-1254 Peak 5	6.089										6.019 - 6.159	6.089
PCB-1254 Peak 6	6.252										6.182 - 6.322	6.252
PCB-1254 Peak 7	6.541										6.471 - 6.611	6.541
PCB-1254 Peak 8	6.989										6.919 - 7.059	6.989

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84689

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 17:45 Calibration End Date: 08/30/2011 17:45 Calibration ID: 12064

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/14	vr463933.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	6979.2				Ave		6979.18900						20.0			
PCB-1254 Peak 2	5587.1				Ave		5587.09300						20.0			
PCB-1254 Peak 3	9645.2				Ave		9645.17400						20.0			
PCB-1254 Peak 4	6752.5				Ave		6752.50600						20.0			
PCB-1254 Peak 5	6327.0				Ave		6327.03200						20.0			
PCB-1254 Peak 6	10376				Ave		10376.2700						20.0			
PCB-1254 Peak 7	10545				Ave		10544.6050						20.0			
PCB-1254 Peak 8	12896				Ave		12895.9410						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.: 460-30837-1 Analy Batch No.: 84689

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 17:45 Calibration End Date: 08/30/2011 17:45 Calibration ID: 12064

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/14	vr463933.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	6979189					1000				
PCB-1254 Peak 2	Ave	5587093					1000				
PCB-1254 Peak 3	Ave	9645174					1000				
PCB-1254 Peak 4	Ave	6752506					1000				
PCB-1254 Peak 5	Ave	6327032					1000				
PCB-1254 Peak 6	Ave	10376270					1000				
PCB-1254 Peak 7	Ave	10544605					1000				
PCB-1254 Peak 8	Ave	12895941					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84689

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 18:01 Calibration End Date: 08/30/2011 18:01 Calibration ID: 12072

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/15	vf463934.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1262 Peak 1	7.794										7.724 - 7.864	7.794
PCB-1262 Peak 2	8.262										8.192 - 8.332	8.262
PCB-1262 Peak 3	8.650										8.580 - 8.720	8.650
PCB-1262 Peak 4	9.380										9.310 - 9.450	9.380
PCB-1262 Peak 5	9.502										9.432 - 9.572	9.502
PCB-1262 Peak 6	9.946										9.876 - 10.016	9.946
PCB-1262 Peak 7	10.641										10.571 - 10.711	10.641
PCB-1262 Peak 8	11.112										11.042 - 11.182	11.112

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84689

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 18:01 Calibration End Date: 08/30/2011 18:01 Calibration ID: 12072

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/15	vf463934.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	5108.2				Ave		5108.20290						20.0			
PCB-1262 Peak 2	6222.9				Ave		6222.89180						20.0			
PCB-1262 Peak 3	5845.8				Ave		5845.84502						20.0			
PCB-1262 Peak 4	8984.9				Ave		8984.92750						20.0			
PCB-1262 Peak 5	3821.3				Ave		3821.28820						20.0			
PCB-1262 Peak 6	6736.6				Ave		6736.63960						20.0			
PCB-1262 Peak 7	7504.0				Ave		7503.97395						20.0			
PCB-1262 Peak 8	4790.9				Ave		4790.85497						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.: 460-30837-1 Analy Batch No.: 84689

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 18:01 Calibration End Date: 08/30/2011 18:01 Calibration ID: 12072

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/15	vf463934.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1262 Peak 1	Ave	5108202					1000				
PCB-1262 Peak 2	Ave	6222891					1000				
PCB-1262 Peak 3	Ave	5845845					1000				
PCB-1262 Peak 4	Ave	8984927					1000				
PCB-1262 Peak 5	Ave	3821288					1000				
PCB-1262 Peak 6	Ave	6736639					1000				
PCB-1262 Peak 7	Ave	7503973					1000				
PCB-1262 Peak 8	Ave	4790854					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84689

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 18:01 Calibration End Date: 08/30/2011 18:01 Calibration ID: 12065

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/15	vr463934.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1262 Peak 1	5.865										5.795 - 5.935	5.865
PCB-1262 Peak 2	6.090										6.020 - 6.160	6.090
PCB-1262 Peak 3	6.736										6.666 - 6.806	6.736
PCB-1262 Peak 4	7.186										7.116 - 7.256	7.186
PCB-1262 Peak 5	7.623										7.553 - 7.693	7.623
PCB-1262 Peak 6	8.926										8.856 - 8.996	8.926
PCB-1262 Peak 7	9.141										9.071 - 9.211	9.141
PCB-1262 Peak 8	10.177										10.107 - 10.247	10.177

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84689

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 18:01 Calibration End Date: 08/30/2011 18:01 Calibration ID: 12065

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/15	vr463934.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	5266.6				Ave		5266.57700						20.0			
PCB-1262 Peak 2	7413.4				Ave		7413.35000						20.0			
PCB-1262 Peak 3	5046.0				Ave		5046.04600						20.0			
PCB-1262 Peak 4	13904				Ave		13903.7830						20.0			
PCB-1262 Peak 5	10855				Ave		10854.8730						20.0			
PCB-1262 Peak 6	6331.5				Ave		6331.53500						20.0			
PCB-1262 Peak 7	13164				Ave		13163.5600						20.0			
PCB-1262 Peak 8	8998.8				Ave		8998.75700						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.: 460-30837-1 Analy Batch No.: 84689

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 18:01 Calibration End Date: 08/30/2011 18:01 Calibration ID: 12065

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/15	vr463934.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1262 Peak 1	Ave	5266577					1000				
PCB-1262 Peak 2	Ave	7413350					1000				
PCB-1262 Peak 3	Ave	5046046					1000				
PCB-1262 Peak 4	Ave	13903783					1000				
PCB-1262 Peak 5	Ave	10854873					1000				
PCB-1262 Peak 6	Ave	6331535					1000				
PCB-1262 Peak 7	Ave	13163560					1000				
PCB-1262 Peak 8	Ave	8998757					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84689

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 18:17 Calibration End Date: 08/30/2011 18:17 Calibration ID: 12073

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/16	vf463935.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1268 Peak 1	9.379										9.316 - 9.456	9.379
PCB-1268 Peak 2	9.948										9.883 - 10.023	9.948
PCB-1268 Peak 3	10.638										10.571 - 10.711	10.638
PCB-1268 Peak 4	10.675										10.608 - 10.748	10.675
PCB-1268 Peak 5	10.883										10.816 - 10.956	10.883
PCB-1268 Peak 6	10.961										10.894 - 11.034	10.961
PCB-1268 Peak 7	11.111										11.044 - 11.184	11.111
PCB-1268 Peak 8	11.354										11.288 - 11.428	11.354

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84689

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 18:17 Calibration End Date: 08/30/2011 18:17 Calibration ID: 12073

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/16	vf463935.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	3719.3				Ave		3684.23900						20.0			
PCB-1268 Peak 2	4699.2				Ave		4719.07200						20.0			
PCB-1268 Peak 3	10928				Ave		11300.9380						20.0			
PCB-1268 Peak 4	16525				Ave		17427.3170						20.0			
PCB-1268 Peak 5	11007				Ave		11558.6490						20.0			
PCB-1268 Peak 6	3745.1				Ave		3959.24700						20.0			
PCB-1268 Peak 7	5135.5				Ave		5320.84200						20.0			
PCB-1268 Peak 8	28716				Ave		30165.3320						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.: 460-30837-1 Analy Batch No.: 84689

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 18:17 Calibration End Date: 08/30/2011 18:17 Calibration ID: 12073

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/16	vf463935.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1268 Peak 1	Ave	3719252					1000				
PCB-1268 Peak 2	Ave	4699214					1000				
PCB-1268 Peak 3	Ave	10927533					1000				
PCB-1268 Peak 4	Ave	16525220					1000				
PCB-1268 Peak 5	Ave	11007215					1000				
PCB-1268 Peak 6	Ave	3745108					1000				
PCB-1268 Peak 7	Ave	5135534					1000				
PCB-1268 Peak 8	Ave	28715852					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84689

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 18:17 Calibration End Date: 08/30/2011 18:17 Calibration ID: 12066

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/16	vr463935.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1268 Peak 1	7.184										7.114 - 7.254	7.184
PCB-1268 Peak 2	7.613										7.543 - 7.683	7.613
PCB-1268 Peak 3	9.024										8.954 - 9.094	9.024
PCB-1268 Peak 4	9.124										9.054 - 9.194	9.124
PCB-1268 Peak 5	9.573										9.503 - 9.643	9.573
PCB-1268 Peak 6	9.733										9.663 - 9.803	9.733
PCB-1268 Peak 7	10.175										10.105 - 10.245	10.175
PCB-1268 Peak 8	10.473										10.403 - 10.543	10.473

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 84689

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 18:17 Calibration End Date: 08/30/2011 18:17 Calibration ID: 12066

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/16	vr463935.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	6038.3				Ave		6038.28200						20.0			
PCB-1268 Peak 2	8013.7				Ave		8013.67600						20.0			
PCB-1268 Peak 3	28067				Ave		28067.1520						20.0			
PCB-1268 Peak 4	30507				Ave		30506.5020						20.0			
PCB-1268 Peak 5	23321				Ave		23321.1660						20.0			
PCB-1268 Peak 6	6987.7				Ave		6987.72300						20.0			
PCB-1268 Peak 7	9616.8				Ave		9616.77100						20.0			
PCB-1268 Peak 8	49839				Ave		49838.9600						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.: 460-30837-1 Analy Batch No.: 84689

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 18:17 Calibration End Date: 08/30/2011 18:17 Calibration ID: 12066

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/16	vr463935.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1268 Peak 1	Ave	6038282					1000				
PCB-1268 Peak 2	Ave	8013676					1000				
PCB-1268 Peak 3	Ave	28067152					1000				
PCB-1268 Peak 4	Ave	30506502					1000				
PCB-1268 Peak 5	Ave	23321166					1000				
PCB-1268 Peak 6	Ave	6987723					1000				
PCB-1268 Peak 7	Ave	9616771					1000				
PCB-1268 Peak 8	Ave	49838960					1000				

Curve Type Legend:

Ave = Average

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVRT 460-85904/2 Calibration Date: 09/13/2011 01:19

Instrument ID: PESTGC7 Calib Start Date: 08/29/2011 09:29

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/29/2011 10:51

Lab File ID: of177412.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	83.92	94.39		1120	1000	12.5	15.0
PCB-1016 Peak 2	Ave	206.5	188.7		914	1000	-8.6	15.0
PCB-1016 Peak 3	Ave	110.2	117.5		1070	1000	6.6	15.0
PCB-1016 Peak 4	Ave	321.8	240.6		748	1000	-25.2*	15.0
PCB-1016 Peak 5	Ave	189.7	188.0		991	1000	-0.9	15.0
PCB-1016 Peak 6	Ave	121.7	133.7		1100	1000	9.8	15.0
PCB-1016 Peak 7	Ave	105.9	111.4		1050	1000	5.2	15.0
PCB-1016 Peak 8	Ave	161.2	181.5		1130	1000	12.6	15.0
PCB-1260 Peak 1	Ave	288.4	298.1		1030	1000	3.4	15.0
PCB-1260 Peak 2	Ave	318.7	312.3		980	1000	-2.0	15.0
PCB-1260 Peak 3	Ave	386.8	359.5		930	1000	-7.0	15.0
PCB-1260 Peak 4	Ave	237.9	248.6		1050	1000	4.5	15.0
PCB-1260 Peak 5	Ave	185.2	210.8		1140	1000	13.8	15.0
PCB-1260 Peak 6	Ave	224.7	216.9		965	1000	-3.5	15.0
PCB-1260 Peak 7	Ave	254.3	243.4		957	1000	-4.3	15.0
PCB-1260 Peak 8	Ave	112.9	110.2		976	1000	-2.4	15.0
DCB Decachlorobiphenyl	Ave	3335	3333		99.9	100	-0.0	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVRT 460-85904/2 Calibration Date: 09/13/2011 01:19

Instrument ID: PESTGC7 Calib Start Date: 08/29/2011 09:29

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/29/2011 10:51

Lab File ID: of177412.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.91	2.83	2.97
PCB-1016 Peak 2	3.35	3.28	3.42
PCB-1016 Peak 3	3.62	3.54	3.68
PCB-1016 Peak 4	3.89	3.81	3.95
PCB-1016 Peak 5	4.04	3.97	4.11
PCB-1016 Peak 6	4.33	4.26	4.40
PCB-1016 Peak 7	4.61	4.54	4.68
PCB-1016 Peak 8	4.77	4.70	4.84
PCB-1260 Peak 1	6.25	6.17	6.31
PCB-1260 Peak 2	6.58	6.50	6.64
PCB-1260 Peak 3	7.18	7.10	7.24
PCB-1260 Peak 4	7.36	7.28	7.42
PCB-1260 Peak 5	7.46	7.38	7.52
PCB-1260 Peak 6	7.98	7.90	8.04
PCB-1260 Peak 7	9.26	9.18	9.32
PCB-1260 Peak 8	9.97	9.89	10.03
DCB Decachlorobiphenyl	10.48	10.38	10.58

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVRT 460-85904/2 Calibration Date: 09/13/2011 01:19

Instrument ID: PESTGC7 Calib Start Date: 08/29/2011 09:29

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/29/2011 10:51

Lab File ID: or177412.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	81.44	73.39		901	1000	-9.9	15.0
PCB-1016 Peak 2	Ave	149.9	139.5		931	1000	-6.9	15.0
PCB-1016 Peak 3	Ave	108.8	116.3		1070	1000	6.9	15.0
PCB-1016 Peak 4	Ave	297.6	222.5		748	1000	-25.2*	15.0
PCB-1016 Peak 5	Ave	116.3	105.5		907	1000	-9.3	15.0
PCB-1016 Peak 6	Ave	138.8	130.1		937	1000	-6.3	15.0
PCB-1016 Peak 7	Ave	122.4	127.3		1040	1000	4.0	15.0
PCB-1016 Peak 8	Ave	51.01	53.45		1050	1000	4.8	15.0
PCB-1260 Peak 1	Ave	185.4	197.0		1060	1000	6.2	15.0
PCB-1260 Peak 2	Ave	306.2	302.7		989	1000	-1.1	15.0
PCB-1260 Peak 3	Ave	269.0	255.7		950	1000	-5.0	15.0
PCB-1260 Peak 4	Ave	148.2	164.2		1110	1000	10.8	15.0
PCB-1260 Peak 5	Ave	133.1	141.1		1060	1000	6.1	15.0
PCB-1260 Peak 6	Ave	372.8	392.5		1050	1000	5.3	15.0
PCB-1260 Peak 7	Ave	152.5	175.0		1150	1000	14.7	15.0
PCB-1260 Peak 8	Ave	91.98	100.9		1100	1000	9.8	15.0
DCB Decachlorobiphenyl	Ave	3518	3870		110	100	10.0	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVRT 460-85904/2 Calibration Date: 09/13/2011 01:19

Instrument ID: PESTGC7 Calib Start Date: 08/29/2011 09:29

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/29/2011 10:51

Lab File ID: or177412.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.34	2.27	2.41
PCB-1016 Peak 2	2.66	2.59	2.73
PCB-1016 Peak 3	2.85	2.78	2.92
PCB-1016 Peak 4	3.12	3.05	3.19
PCB-1016 Peak 5	3.27	3.19	3.33
PCB-1016 Peak 6	3.46	3.39	3.53
PCB-1016 Peak 7	3.69	3.62	3.76
PCB-1016 Peak 8	3.80	3.73	3.87
PCB-1260 Peak 1	5.10	5.03	5.17
PCB-1260 Peak 2	5.45	5.38	5.52
PCB-1260 Peak 3	5.80	5.73	5.87
PCB-1260 Peak 4	5.93	5.86	6.00
PCB-1260 Peak 5	6.25	6.18	6.32
PCB-1260 Peak 6	6.73	6.66	6.80
PCB-1260 Peak 7	7.35	7.28	7.42
PCB-1260 Peak 8	8.58	8.51	8.65
DCB Decachlorobiphenyl	9.35	9.25	9.45

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-85904/15 Calibration Date: 09/13/2011 04:51

Instrument ID: PESTGC7 Calib Start Date: 08/29/2011 09:29

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/29/2011 10:51

Lab File ID: of177425.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	83.92	88.63		1060	1000	5.6	15.0
PCB-1016 Peak 2	Ave	206.5	185.7		899	1000	-10.1	15.0
PCB-1016 Peak 3	Ave	110.2	109.3		991	1000	-0.9	15.0
PCB-1016 Peak 4	Ave	321.8	238.1		740	1000	-26.0*	15.0
PCB-1016 Peak 5	Ave	189.7	186.8		985	1000	-1.5	15.0
PCB-1016 Peak 6	Ave	121.7	131.9		1080	1000	8.4	15.0
PCB-1016 Peak 7	Ave	105.9	106.1		1000	1000	0.2	15.0
PCB-1016 Peak 8	Ave	161.2	177.0		1100	1000	9.7	15.0
PCB-1260 Peak 1	Ave	288.4	293.3		1020	1000	1.7	15.0
PCB-1260 Peak 2	Ave	318.7	304.7		956	1000	-4.4	15.0
PCB-1260 Peak 3	Ave	386.8	344.9		892	1000	-10.8	15.0
PCB-1260 Peak 4	Ave	237.9	245.1		1030	1000	3.0	15.0
PCB-1260 Peak 5	Ave	185.2	208.9		1130	1000	12.8	15.0
PCB-1260 Peak 6	Ave	224.7	203.3		905	1000	-9.5	15.0
PCB-1260 Peak 7	Ave	254.3	222.7		876	1000	-12.4	15.0
PCB-1260 Peak 8	Ave	112.9	114.0		1010	1000	1.0	15.0
DCB Decachlorobiphenyl	Ave	3335	3419		103	100	2.5	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-85904/15 Calibration Date: 09/13/2011 04:51

Instrument ID: PESTGC7 Calib Start Date: 08/29/2011 09:29

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/29/2011 10:51

Lab File ID: of177425.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.90	2.83	2.97
PCB-1016 Peak 2	3.35	3.28	3.42
PCB-1016 Peak 3	3.62	3.54	3.68
PCB-1016 Peak 4	3.89	3.81	3.95
PCB-1016 Peak 5	4.04	3.97	4.11
PCB-1016 Peak 6	4.33	4.26	4.40
PCB-1016 Peak 7	4.61	4.54	4.68
PCB-1016 Peak 8	4.77	4.70	4.84
PCB-1260 Peak 1	6.24	6.17	6.31
PCB-1260 Peak 2	6.57	6.50	6.64
PCB-1260 Peak 3	7.18	7.10	7.24
PCB-1260 Peak 4	7.35	7.28	7.42
PCB-1260 Peak 5	7.46	7.38	7.52
PCB-1260 Peak 6	7.98	7.90	8.04
PCB-1260 Peak 7	9.26	9.18	9.32
PCB-1260 Peak 8	9.96	9.89	10.03
DCB Decachlorobiphenyl	10.48	10.38	10.58

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-85904/15 Calibration Date: 09/13/2011 04:51

Instrument ID: PESTGC7 Calib Start Date: 08/29/2011 09:29

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/29/2011 10:51

Lab File ID: or177425.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	81.44	74.97		921	1000	-7.9	15.0
PCB-1016 Peak 2	Ave	149.9	139.2		929	1000	-7.1	15.0
PCB-1016 Peak 3	Ave	108.8	117.1		1080	1000	7.6	15.0
PCB-1016 Peak 4	Ave	297.6	242.3		814	1000	-18.6*	15.0
PCB-1016 Peak 5	Ave	116.3	102.8		884	1000	-11.6	15.0
PCB-1016 Peak 6	Ave	138.8	119.4		860	1000	-14.0	15.0
PCB-1016 Peak 7	Ave	122.4	127.4		1040	1000	4.1	15.0
PCB-1016 Peak 8	Ave	51.01	53.55		1050	1000	5.0	15.0
PCB-1260 Peak 1	Ave	185.4	190.9		1030	1000	3.0	15.0
PCB-1260 Peak 2	Ave	306.2	320.7		1050	1000	4.7	15.0
PCB-1260 Peak 3	Ave	269.0	250.9		933	1000	-6.7	15.0
PCB-1260 Peak 4	Ave	148.2	166.2		1120	1000	12.2	15.0
PCB-1260 Peak 5	Ave	133.1	124.3		934	1000	-6.6	15.0
PCB-1260 Peak 6	Ave	372.8	377.4		1010	1000	1.2	15.0
PCB-1260 Peak 7	Ave	152.5	171.7		1130	1000	12.5	15.0
PCB-1260 Peak 8	Ave	91.98	104.1		1130	1000	13.1	15.0
DCB Decachlorobiphenyl	Ave	3518	3987		113	100	13.4	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-85904/15 Calibration Date: 09/13/2011 04:51

Instrument ID: PESTGC7 Calib Start Date: 08/29/2011 09:29

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/29/2011 10:51

Lab File ID: or177425.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.34	2.27	2.41
PCB-1016 Peak 2	2.66	2.59	2.73
PCB-1016 Peak 3	2.85	2.78	2.92
PCB-1016 Peak 4	3.12	3.05	3.19
PCB-1016 Peak 5	3.26	3.19	3.33
PCB-1016 Peak 6	3.46	3.39	3.53
PCB-1016 Peak 7	3.69	3.62	3.76
PCB-1016 Peak 8	3.80	3.73	3.87
PCB-1260 Peak 1	5.10	5.03	5.17
PCB-1260 Peak 2	5.45	5.38	5.52
PCB-1260 Peak 3	5.80	5.73	5.87
PCB-1260 Peak 4	5.93	5.86	6.00
PCB-1260 Peak 5	6.25	6.18	6.32
PCB-1260 Peak 6	6.73	6.66	6.80
PCB-1260 Peak 7	7.35	7.28	7.42
PCB-1260 Peak 8	8.58	8.51	8.65
DCB Decachlorobiphenyl	9.35	9.25	9.45

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVRT 460-86753/2 Calibration Date: 09/16/2011 12:42

Instrument ID: PESTGC7 Calib Start Date: 08/29/2011 09:29

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/29/2011 10:51

Lab File ID: of177655.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	83.92	82.14		979	1000	-2.1	15.0
PCB-1016 Peak 2	Ave	206.5	204.1		988	1000	-1.2	15.0
PCB-1016 Peak 3	Ave	110.2	147.1		1330	1000	33.4*	15.0
PCB-1016 Peak 4	Ave	321.8	299.7		931	1000	-6.9	15.0
PCB-1016 Peak 5	Ave	189.7	198.4		1050	1000	4.6	15.0
PCB-1016 Peak 6	Ave	121.7	137.5		1130	1000	13.0	15.0
PCB-1016 Peak 7	Ave	105.9	137.5		1300	1000	29.9*	15.0
PCB-1016 Peak 8	Ave	161.2	179.0		1110	1000	11.0	15.0
PCB-1260 Peak 1	Ave	288.4	305.1		1060	1000	5.8	15.0
PCB-1260 Peak 2	Ave	318.7	330.9		1040	1000	3.8	15.0
PCB-1260 Peak 3	Ave	386.8	396.2		1020	1000	2.5	15.0
PCB-1260 Peak 4	Ave	237.9	255.8		1080	1000	7.5	15.0
PCB-1260 Peak 5	Ave	185.2	195.4		1050	1000	5.5	15.0
PCB-1260 Peak 6	Ave	224.7	230.8		1030	1000	2.7	15.0
PCB-1260 Peak 7	Ave	254.3	255.8		1010	1000	0.6	15.0
PCB-1260 Peak 8	Ave	112.9	116.5		1030	1000	3.2	15.0
DCB Decachlorobiphenyl	Ave	3335	3401		102	100	2.0	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVRT 460-86753/2 Calibration Date: 09/16/2011 12:42

Instrument ID: PESTGC7 Calib Start Date: 08/29/2011 09:29

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/29/2011 10:51

Lab File ID: of177655.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.90	2.83	2.97
PCB-1016 Peak 2	3.35	3.27	3.41
PCB-1016 Peak 3	3.62	3.54	3.68
PCB-1016 Peak 4	3.88	3.80	3.94
PCB-1016 Peak 5	4.04	3.96	4.10
PCB-1016 Peak 6	4.18	4.25	4.39
PCB-1016 Peak 7	4.18	4.53	4.67
PCB-1016 Peak 8	4.77	4.69	4.83
PCB-1260 Peak 1	6.24	6.17	6.31
PCB-1260 Peak 2	6.57	6.50	6.64
PCB-1260 Peak 3	7.18	7.10	7.24
PCB-1260 Peak 4	7.35	7.28	7.42
PCB-1260 Peak 5	7.46	7.38	7.52
PCB-1260 Peak 6	7.97	7.90	8.04
PCB-1260 Peak 7	9.25	9.18	9.32
PCB-1260 Peak 8	9.96	9.89	10.03
DCB Decachlorobiphenyl	10.48	10.38	10.58

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVRT 460-86753/2 Calibration Date: 09/16/2011 12:42

Instrument ID: PESTGC7 Calib Start Date: 08/29/2011 09:29

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/29/2011 10:51

Lab File ID: or177655.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	81.44	75.75		930	1000	-7.0	15.0
PCB-1016 Peak 2	Ave	149.9	140.3		936	1000	-6.4	15.0
PCB-1016 Peak 3	Ave	108.8	117.6		1080	1000	8.0	15.0
PCB-1016 Peak 4	Ave	297.6	255.0		857	1000	-14.3	15.0
PCB-1016 Peak 5	Ave	116.3	99.47		855	1000	-14.5	15.0
PCB-1016 Peak 6	Ave	138.8	124.1		894	1000	-10.6	15.0
PCB-1016 Peak 7	Ave	122.4	125.5		1030	1000	2.5	15.0
PCB-1016 Peak 8	Ave	51.01	58.90		1150	1000	15.5*	15.0
PCB-1260 Peak 1	Ave	185.4	202.2		1090	1000	9.0	15.0
PCB-1260 Peak 2	Ave	306.2	316.0		1030	1000	3.2	15.0
PCB-1260 Peak 3	Ave	269.0	261.9		974	1000	-2.6	15.0
PCB-1260 Peak 4	Ave	148.2	169.4		1140	1000	14.3	15.0
PCB-1260 Peak 5	Ave	133.1	123.1		925	1000	-7.5	15.0
PCB-1260 Peak 6	Ave	372.8	389.1		1040	1000	4.4	15.0
PCB-1260 Peak 7	Ave	152.5	165.7		1090	1000	8.6	15.0
PCB-1260 Peak 8	Ave	91.98	92.43		1000	1000	0.5	15.0
DCB Decachlorobiphenyl	Ave	3518	3594		102	100	2.2	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVRT 460-86753/2 Calibration Date: 09/16/2011 12:42

Instrument ID: PESTGC7 Calib Start Date: 08/29/2011 09:29

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/29/2011 10:51

Lab File ID: or177655.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.34	2.27	2.41
PCB-1016 Peak 2	2.66	2.59	2.73
PCB-1016 Peak 3	2.85	2.78	2.92
PCB-1016 Peak 4	3.12	3.04	3.18
PCB-1016 Peak 5	3.26	3.19	3.33
PCB-1016 Peak 6	3.46	3.39	3.53
PCB-1016 Peak 7	3.69	3.62	3.76
PCB-1016 Peak 8	3.80	3.73	3.87
PCB-1260 Peak 1	5.10	5.03	5.17
PCB-1260 Peak 2	5.45	5.38	5.52
PCB-1260 Peak 3	5.81	5.73	5.87
PCB-1260 Peak 4	5.93	5.86	6.00
PCB-1260 Peak 5	6.26	6.18	6.32
PCB-1260 Peak 6	6.73	6.66	6.80
PCB-1260 Peak 7	7.35	7.28	7.42
PCB-1260 Peak 8	8.59	8.51	8.65
DCB Decachlorobiphenyl	9.35	9.25	9.45

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86753/23 Calibration Date: 09/16/2011 18:34

Instrument ID: PESTGC7 Calib Start Date: 08/29/2011 09:29

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/29/2011 10:51

Lab File ID: of177676.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	83.92	81.50		971	1000	-2.9	15.0
PCB-1016 Peak 2	Ave	206.5	203.7		986	1000	-1.4	15.0
PCB-1016 Peak 3	Ave	110.2	120.5		1090	1000	9.3	15.0
PCB-1016 Peak 4	Ave	321.8	317.6		987	1000	-1.3	15.0
PCB-1016 Peak 5	Ave	189.7	201.1		1060	1000	6.0	15.0
PCB-1016 Peak 6	Ave	121.7	122.9		1010	1000	1.0	15.0
PCB-1016 Peak 7	Ave	105.9	108.5		1020	1000	2.4	15.0
PCB-1016 Peak 8	Ave	161.2	176.2		1090	1000	9.3	15.0
PCB-1260 Peak 1	Ave	288.4	303.8		1050	1000	5.3	15.0
PCB-1260 Peak 2	Ave	318.7	335.9		1050	1000	5.4	15.0
PCB-1260 Peak 3	Ave	386.8	415.2		1070	1000	7.4	15.0
PCB-1260 Peak 4	Ave	237.9	256.1		1080	1000	7.7	15.0
PCB-1260 Peak 5	Ave	185.2	197.6		1070	1000	6.7	15.0
PCB-1260 Peak 6	Ave	224.7	247.0		1100	1000	9.9	15.0
PCB-1260 Peak 7	Ave	254.3	278.4		1090	1000	9.5	15.0
PCB-1260 Peak 8	Ave	112.9	113.4		1000	1000	0.5	15.0
DCB Decachlorobiphenyl	Ave	3335	3211		96.3	100	-3.7	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86753/23 Calibration Date: 09/16/2011 18:34

Instrument ID: PESTGC7 Calib Start Date: 08/29/2011 09:29

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/29/2011 10:51

Lab File ID: of177676.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.90	2.83	2.97
PCB-1016 Peak 2	3.35	3.27	3.41
PCB-1016 Peak 3	3.62	3.54	3.68
PCB-1016 Peak 4	3.88	3.80	3.94
PCB-1016 Peak 5	4.04	3.96	4.10
PCB-1016 Peak 6	4.33	4.25	4.39
PCB-1016 Peak 7	4.61	4.53	4.67
PCB-1016 Peak 8	4.77	4.69	4.83
PCB-1260 Peak 1	6.24	6.17	6.31
PCB-1260 Peak 2	6.57	6.50	6.64
PCB-1260 Peak 3	7.17	7.10	7.24
PCB-1260 Peak 4	7.35	7.28	7.42
PCB-1260 Peak 5	7.46	7.38	7.52
PCB-1260 Peak 6	7.97	7.90	8.04
PCB-1260 Peak 7	9.25	9.18	9.32
PCB-1260 Peak 8	9.96	9.89	10.03
DCB Decachlorobiphenyl	10.48	10.38	10.58

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86753/23 Calibration Date: 09/16/2011 18:34

Instrument ID: PESTGC7 Calib Start Date: 08/29/2011 09:29

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/29/2011 10:51

Lab File ID: or177676.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	81.44	80.35		987	1000	-1.3	15.0
PCB-1016 Peak 2	Ave	149.9	154.7		1030	1000	3.2	15.0
PCB-1016 Peak 3	Ave	108.8	121.5		1120	1000	11.7	15.0
PCB-1016 Peak 4	Ave	297.6	273.3		919	1000	-8.1	15.0
PCB-1016 Peak 5	Ave	116.3	130.8		1120	1000	12.4	15.0
PCB-1016 Peak 6	Ave	138.8	144.9		1040	1000	4.4	15.0
PCB-1016 Peak 7	Ave	122.4	128.0		1050	1000	4.6	15.0
PCB-1016 Peak 8	Ave	51.01	56.80		1110	1000	11.4	15.0
PCB-1260 Peak 1	Ave	185.4	196.6		1060	1000	6.1	15.0
PCB-1260 Peak 2	Ave	306.2	330.1		1080	1000	7.8	15.0
PCB-1260 Peak 3	Ave	269.0	275.2		1020	1000	2.3	15.0
PCB-1260 Peak 4	Ave	148.2	152.6		1030	1000	3.0	15.0
PCB-1260 Peak 5	Ave	133.1	130.2		979	1000	-2.1	15.0
PCB-1260 Peak 6	Ave	372.8	400.4		1070	1000	7.4	15.0
PCB-1260 Peak 7	Ave	152.5	163.1		1070	1000	6.9	15.0
PCB-1260 Peak 8	Ave	91.98	97.86		1060	1000	6.4	15.0
DCB Decachlorobiphenyl	Ave	3518	3504		99.6	100	-0.4	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86753/23 Calibration Date: 09/16/2011 18:34

Instrument ID: PESTGC7 Calib Start Date: 08/29/2011 09:29

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/29/2011 10:51

Lab File ID: or177676.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.34	2.27	2.41
PCB-1016 Peak 2	2.66	2.59	2.73
PCB-1016 Peak 3	2.85	2.78	2.92
PCB-1016 Peak 4	3.12	3.04	3.18
PCB-1016 Peak 5	3.26	3.19	3.33
PCB-1016 Peak 6	3.46	3.39	3.53
PCB-1016 Peak 7	3.69	3.62	3.76
PCB-1016 Peak 8	3.80	3.73	3.87
PCB-1260 Peak 1	5.10	5.03	5.17
PCB-1260 Peak 2	5.45	5.38	5.52
PCB-1260 Peak 3	5.81	5.73	5.87
PCB-1260 Peak 4	5.93	5.86	6.00
PCB-1260 Peak 5	6.26	6.18	6.32
PCB-1260 Peak 6	6.73	6.66	6.80
PCB-1260 Peak 7	7.35	7.28	7.42
PCB-1260 Peak 8	8.59	8.51	8.65
DCB Decachlorobiphenyl	9.35	9.25	9.45

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVRT 460-86921/2 Calibration Date: 09/21/2011 13:22

Instrument ID: PESTGC7 Calib Start Date: 08/29/2011 09:29

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/29/2011 10:51

Lab File ID: of177858.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	83.92	92.04		1100	1000	9.7	15.0
PCB-1016 Peak 2	Ave	206.5	208.5		1010	1000	1.0	15.0
PCB-1016 Peak 3	Ave	110.2	122.4		1110	1000	11.0	15.0
PCB-1016 Peak 4	Ave	321.8	290.5		903	1000	-9.7	15.0
PCB-1016 Peak 5	Ave	189.7	202.7		1070	1000	6.9	15.0
PCB-1016 Peak 6	Ave	121.7	128.1		1050	1000	5.3	15.0
PCB-1016 Peak 7	Ave	105.9	116.5		1100	1000	10.0	15.0
PCB-1016 Peak 8	Ave	161.2	175.7		1090	1000	9.0	15.0
PCB-1260 Peak 1	Ave	288.4	303.1		1050	1000	5.1	15.0
PCB-1260 Peak 2	Ave	318.7	328.3		1030	1000	3.0	15.0
PCB-1260 Peak 3	Ave	386.8	389.3		1010	1000	0.6	15.0
PCB-1260 Peak 4	Ave	237.9	256.5		1080	1000	7.8	15.0
PCB-1260 Peak 5	Ave	185.2	197.6		1070	1000	6.7	15.0
PCB-1260 Peak 6	Ave	224.7	231.2		1030	1000	2.9	15.0
PCB-1260 Peak 7	Ave	254.3	267.1		1050	1000	5.0	15.0
PCB-1260 Peak 8	Ave	112.9	114.3		1010	1000	1.2	15.0
DCB Decachlorobiphenyl	Ave	3335	3155		94.6	100	-5.4	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVRT 460-86921/2 Calibration Date: 09/21/2011 13:22

Instrument ID: PESTGC7 Calib Start Date: 08/29/2011 09:29

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/29/2011 10:51

Lab File ID: of177858.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.91	2.83	2.97
PCB-1016 Peak 2	3.35	3.28	3.42
PCB-1016 Peak 3	3.62	3.55	3.69
PCB-1016 Peak 4	3.89	3.81	3.95
PCB-1016 Peak 5	4.04	3.97	4.11
PCB-1016 Peak 6	4.33	4.26	4.40
PCB-1016 Peak 7	4.61	4.54	4.68
PCB-1016 Peak 8	4.77	4.70	4.84
PCB-1260 Peak 1	6.25	6.17	6.31
PCB-1260 Peak 2	6.58	6.50	6.64
PCB-1260 Peak 3	7.18	7.11	7.25
PCB-1260 Peak 4	7.36	7.28	7.42
PCB-1260 Peak 5	7.46	7.39	7.53
PCB-1260 Peak 6	7.98	7.90	8.04
PCB-1260 Peak 7	9.26	9.18	9.32
PCB-1260 Peak 8	9.96	9.89	10.03
DCB Decachlorobiphenyl	10.48	10.38	10.58

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVRT 460-86921/2 Calibration Date: 09/21/2011 13:22

Instrument ID: PESTGC7 Calib Start Date: 08/29/2011 09:29

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/29/2011 10:51

Lab File ID: or177858.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	81.44	71.50		878	1000	-12.2	15.0
PCB-1016 Peak 2	Ave	149.9	158.3		1060	1000	5.6	15.0
PCB-1016 Peak 3	Ave	108.8	121.4		1120	1000	11.6	15.0
PCB-1016 Peak 4	Ave	297.6	247.4		831	1000	-16.9*	15.0
PCB-1016 Peak 5	Ave	116.3	119.7		1030	1000	2.9	15.0
PCB-1016 Peak 6	Ave	138.8	139.9		1010	1000	0.8	15.0
PCB-1016 Peak 7	Ave	122.4	126.8		1040	1000	3.6	15.0
PCB-1016 Peak 8	Ave	51.01	53.32		1050	1000	4.5	15.0
PCB-1260 Peak 1	Ave	185.4	259.2		1400	1000	39.8*	15.0
PCB-1260 Peak 2	Ave	306.2	318.9		1040	1000	4.1	15.0
PCB-1260 Peak 3	Ave	269.0	257.4		957	1000	-4.3	15.0
PCB-1260 Peak 4	Ave	148.2	166.8		1130	1000	12.6	15.0
PCB-1260 Peak 5	Ave	133.1	144.1		1080	1000	8.3	15.0
PCB-1260 Peak 6	Ave	372.8	403.4		1080	1000	8.2	15.0
PCB-1260 Peak 7	Ave	152.5	163.6		1070	1000	7.3	15.0
PCB-1260 Peak 8	Ave	91.98	96.91		1050	1000	5.4	15.0
DCB Decachlorobiphenyl	Ave	3518	3703		105	100	5.3	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVRT 460-86921/2 Calibration Date: 09/21/2011 13:22

Instrument ID: PESTGC7 Calib Start Date: 08/29/2011 09:29

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/29/2011 10:51

Lab File ID: or177858.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.35	2.27	2.41
PCB-1016 Peak 2	2.66	2.59	2.73
PCB-1016 Peak 3	2.85	2.78	2.92
PCB-1016 Peak 4	3.13	3.05	3.19
PCB-1016 Peak 5	3.27	3.19	3.33
PCB-1016 Peak 6	3.47	3.39	3.53
PCB-1016 Peak 7	3.70	3.62	3.76
PCB-1016 Peak 8	3.81	3.73	3.87
PCB-1260 Peak 1	5.11	5.03	5.17
PCB-1260 Peak 2	5.46	5.38	5.52
PCB-1260 Peak 3	5.82	5.74	5.88
PCB-1260 Peak 4	5.94	5.86	6.00
PCB-1260 Peak 5	6.27	6.19	6.33
PCB-1260 Peak 6	6.75	6.67	6.81
PCB-1260 Peak 7	7.36	7.28	7.42
PCB-1260 Peak 8	8.61	8.52	8.66
DCB Decachlorobiphenyl	9.36	9.25	9.45

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86921/11 Calibration Date: 09/21/2011 15:59

Instrument ID: PESTGC7 Calib Start Date: 08/29/2011 09:29

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/29/2011 10:51

Lab File ID: of177867.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	83.92	89.15		1060	1000	6.2	15.0
PCB-1016 Peak 2	Ave	206.5	208.3		1010	1000	0.9	15.0
PCB-1016 Peak 3	Ave	110.2	114.1		1030	1000	3.5	15.0
PCB-1016 Peak 4	Ave	321.8	288.9		898	1000	-10.2	15.0
PCB-1016 Peak 5	Ave	189.7	198.4		1050	1000	4.6	15.0
PCB-1016 Peak 6	Ave	121.7	125.3		1030	1000	3.0	15.0
PCB-1016 Peak 7	Ave	105.9	118.4		1120	1000	11.8	15.0
PCB-1016 Peak 8	Ave	161.2	175.8		1090	1000	9.0	15.0
PCB-1260 Peak 1	Ave	288.4	306.1		1060	1000	6.1	15.0
PCB-1260 Peak 2	Ave	318.7	331.0		1040	1000	3.9	15.0
PCB-1260 Peak 3	Ave	386.8	392.7		1020	1000	1.5	15.0
PCB-1260 Peak 4	Ave	237.9	260.7		1100	1000	9.6	15.0
PCB-1260 Peak 5	Ave	185.2	199.0		1070	1000	7.4	15.0
PCB-1260 Peak 6	Ave	224.7	230.9		1030	1000	2.7	15.0
PCB-1260 Peak 7	Ave	254.3	255.7		1010	1000	0.5	15.0
PCB-1260 Peak 8	Ave	112.9	118.6		1050	1000	5.1	15.0
DCB Decachlorobiphenyl	Ave	3335	3273		98.1	100	-1.9	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86921/11 Calibration Date: 09/21/2011 15:59

Instrument ID: PESTGC7 Calib Start Date: 08/29/2011 09:29

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/29/2011 10:51

Lab File ID: of177867.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.91	2.83	2.97
PCB-1016 Peak 2	3.35	3.28	3.42
PCB-1016 Peak 3	3.62	3.55	3.69
PCB-1016 Peak 4	3.89	3.81	3.95
PCB-1016 Peak 5	4.04	3.97	4.11
PCB-1016 Peak 6	4.33	4.26	4.40
PCB-1016 Peak 7	4.61	4.54	4.68
PCB-1016 Peak 8	4.77	4.70	4.84
PCB-1260 Peak 1	6.25	6.17	6.31
PCB-1260 Peak 2	6.58	6.50	6.64
PCB-1260 Peak 3	7.19	7.11	7.25
PCB-1260 Peak 4	7.36	7.28	7.42
PCB-1260 Peak 5	7.46	7.39	7.53
PCB-1260 Peak 6	7.98	7.90	8.04
PCB-1260 Peak 7	9.26	9.18	9.32
PCB-1260 Peak 8	9.97	9.89	10.03
DCB Decachlorobiphenyl	10.48	10.38	10.58

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86921/11 Calibration Date: 09/21/2011 15:59

Instrument ID: PESTGC7 Calib Start Date: 08/29/2011 09:29

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/29/2011 10:51

Lab File ID: or177867.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	81.44	69.02		848	1000	-15.2*	15.0
PCB-1016 Peak 2	Ave	149.9	138.2		922	1000	-7.8	15.0
PCB-1016 Peak 3	Ave	108.8	111.6		1030	1000	2.6	15.0
PCB-1016 Peak 4	Ave	297.6	240.8		809	1000	-19.1*	15.0
PCB-1016 Peak 5	Ave	116.3	120.0		1030	1000	3.2	15.0
PCB-1016 Peak 6	Ave	138.8	125.0		901	1000	-9.9	15.0
PCB-1016 Peak 7	Ave	122.4	125.3		1020	1000	2.3	15.0
PCB-1016 Peak 8	Ave	51.01	52.38		1030	1000	2.7	15.0
PCB-1260 Peak 1	Ave	185.4	202.6		1090	1000	9.3	15.0
PCB-1260 Peak 2	Ave	306.2	329.4		1080	1000	7.6	15.0
PCB-1260 Peak 3	Ave	269.0	254.2		945	1000	-5.5	15.0
PCB-1260 Peak 4	Ave	148.2	166.1		1120	1000	12.1	15.0
PCB-1260 Peak 5	Ave	133.1	133.0		999	1000	-0.0	15.0
PCB-1260 Peak 6	Ave	372.8	398.3		1070	1000	6.8	15.0
PCB-1260 Peak 7	Ave	152.5	163.9		1070	1000	7.5	15.0
PCB-1260 Peak 8	Ave	91.98	100.4		1090	1000	9.2	15.0
DCB Decachlorobiphenyl	Ave	3518	3788		108	100	7.7	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86921/11 Calibration Date: 09/21/2011 15:59

Instrument ID: PESTGC7 Calib Start Date: 08/29/2011 09:29

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/29/2011 10:51

Lab File ID: or177867.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.35	2.27	2.41
PCB-1016 Peak 2	2.66	2.59	2.73
PCB-1016 Peak 3	2.85	2.78	2.92
PCB-1016 Peak 4	3.13	3.05	3.19
PCB-1016 Peak 5	3.27	3.19	3.33
PCB-1016 Peak 6	3.47	3.39	3.53
PCB-1016 Peak 7	3.70	3.62	3.76
PCB-1016 Peak 8	3.81	3.73	3.87
PCB-1260 Peak 1	5.11	5.03	5.17
PCB-1260 Peak 2	5.47	5.38	5.52
PCB-1260 Peak 3	5.82	5.74	5.88
PCB-1260 Peak 4	5.94	5.86	6.00
PCB-1260 Peak 5	6.27	6.19	6.33
PCB-1260 Peak 6	6.75	6.67	6.81
PCB-1260 Peak 7	7.36	7.28	7.42
PCB-1260 Peak 8	8.61	8.52	8.66
DCB Decachlorobiphenyl	9.36	9.25	9.45

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86732/2 Calibration Date: 09/15/2011 10:05

Instrument ID: PESTGC9 Calib Start Date: 08/30/2011 15:06

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/30/2011 16:26

Lab File ID: vf464513.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	2126	2561		1200	1000	20.5*	15.0
PCB-1016 Peak 2	Ave	4258	4936		1160	1000	15.9*	15.0
PCB-1016 Peak 3	Ave	1893	2177		1150	1000	15.0	15.0
PCB-1016 Peak 4	Ave	8896	9461		1060	1000	6.4	15.0
PCB-1016 Peak 5	Ave	4087	4278		1050	1000	4.7	15.0
PCB-1016 Peak 6	Ave	2333	2466		1060	1000	5.7	15.0
PCB-1016 Peak 7	Ave	2951	2868		972	1000	-2.8	15.0
PCB-1016 Peak 8	Ave	2636	2981		1130	1000	13.1	15.0
PCB-1260 Peak 1	Ave	3023	3487		1150	1000	15.3*	15.0
PCB-1260 Peak 2	Ave	6401	7029		1100	1000	9.8	15.0
PCB-1260 Peak 3	Ave	7684	8545		1110	1000	11.2	15.0
PCB-1260 Peak 4	Ave	5236	6204		1180	1000	18.5*	15.0
PCB-1260 Peak 5	Ave	2755	3330		1210	1000	20.9*	15.0
PCB-1260 Peak 6	Ave	4655	5665		1220	1000	21.7*	15.0
PCB-1260 Peak 7	Ave	11057	11523		1040	1000	4.2	15.0
PCB-1260 Peak 8	Ave	2713	3006		1110	1000	10.8	15.0
DCB Decachlorobiphenyl	Ave	82608	82397		99.7	100	-0.3	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86732/2 Calibration Date: 09/15/2011 10:05

Instrument ID: PESTGC9 Calib Start Date: 08/30/2011 15:06

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/30/2011 16:26

Lab File ID: vf464513.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.97	2.90	3.04
PCB-1016 Peak 2	3.66	3.59	3.73
PCB-1016 Peak 3	4.10	4.03	4.17
PCB-1016 Peak 4	4.50	4.43	4.57
PCB-1016 Peak 5	4.74	4.68	4.82
PCB-1016 Peak 6	5.18	5.11	5.25
PCB-1016 Peak 7	5.57	5.50	5.64
PCB-1016 Peak 8	5.77	5.71	5.85
PCB-1260 Peak 1	7.48	7.41	7.55
PCB-1260 Peak 2	7.79	7.72	7.86
PCB-1260 Peak 3	8.25	8.19	8.33
PCB-1260 Peak 4	9.37	9.31	9.45
PCB-1260 Peak 5	9.49	9.43	9.57
PCB-1260 Peak 6	9.94	9.87	10.01
PCB-1260 Peak 7	10.30	10.23	10.37
PCB-1260 Peak 8	11.12	11.04	11.18
DCB Decachlorobiphenyl	11.57	11.45	11.65

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86732/2 Calibration Date: 09/15/2011 10:05

Instrument ID: PESTGC9 Calib Start Date: 08/30/2011 15:06

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/30/2011 16:26

Lab File ID: vr464513.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	3632	3802		1050	1000	4.7	15.0
PCB-1016 Peak 2	Ave	6345	6885		1090	1000	8.5	15.0
PCB-1016 Peak 3	Ave	4056	4682		1150	1000	15.4*	15.0
PCB-1016 Peak 4	Ave	14226	14871		1050	1000	4.5	15.0
PCB-1016 Peak 5	Ave	5396	6038		1120	1000	11.9	15.0
PCB-1016 Peak 6	Ave	3452	4060		1180	1000	17.6*	15.0
PCB-1016 Peak 7	Ave	5033	5957		1180	1000	18.4*	15.0
PCB-1016 Peak 8	Ave	2492	3132		1260	1000	25.7*	15.0
PCB-1260 Peak 1	Ave	8250	9146		1110	1000	10.9	15.0
PCB-1260 Peak 2	Ave	15798	17518		1110	1000	10.9	15.0
PCB-1260 Peak 3	Ave	14246	16038		1130	1000	12.6	15.0
PCB-1260 Peak 4	Ave	7918	8872		1120	1000	12.1	15.0
PCB-1260 Peak 5	Ave	7247	8070		1110	1000	11.4	15.0
PCB-1260 Peak 6	Ave	8055	9397		1170	1000	16.7*	15.0
PCB-1260 Peak 7	Ave	4778	5362		1120	1000	12.2	15.0
PCB-1260 Peak 8	Ave	5444	6348		1170	1000	16.6*	15.0
DCB Decachlorobiphenyl	Ave	122951	133323		108	100	8.4	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86732/2 Calibration Date: 09/15/2011 10:05

Instrument ID: PESTGC9 Calib Start Date: 08/30/2011 15:06

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/30/2011 16:26

Lab File ID: vr464513.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.10	2.04	2.18
PCB-1016 Peak 2	2.54	2.47	2.61
PCB-1016 Peak 3	2.79	2.72	2.86
PCB-1016 Peak 4	3.15	3.08	3.22
PCB-1016 Peak 5	3.35	3.28	3.42
PCB-1016 Peak 6	3.45	3.38	3.52
PCB-1016 Peak 7	4.06	3.99	4.13
PCB-1016 Peak 8	4.21	4.14	4.28
PCB-1260 Peak 1	6.09	6.02	6.16
PCB-1260 Peak 2	6.54	6.47	6.61
PCB-1260 Peak 3	6.98	6.91	7.05
PCB-1260 Peak 4	7.18	7.11	7.25
PCB-1260 Peak 5	7.62	7.55	7.69
PCB-1260 Peak 6	8.91	8.85	8.99
PCB-1260 Peak 7	9.02	8.94	9.08
PCB-1260 Peak 8	9.14	9.06	9.20
DCB Decachlorobiphenyl	10.63	10.53	10.73

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86732/24 Calibration Date: 09/15/2011 15:52

Instrument ID: PESTGC9 Calib Start Date: 08/30/2011 15:06

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/30/2011 16:26

Lab File ID: vf464535.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	2126	2391		1120	1000	12.5	15.0
PCB-1016 Peak 2	Ave	4258	5016		1180	1000	17.8*	15.0
PCB-1016 Peak 3	Ave	1893	2159		1140	1000	14.0	15.0
PCB-1016 Peak 4	Ave	8896	9692		1090	1000	9.0	15.0
PCB-1016 Peak 5	Ave	4087	4479		1100	1000	9.6	15.0
PCB-1016 Peak 6	Ave	2333	2656		1140	1000	13.9	15.0
PCB-1016 Peak 7	Ave	2951	3023		1020	1000	2.4	15.0
PCB-1016 Peak 8	Ave	2636	2891		1100	1000	9.7	15.0
PCB-1260 Peak 1	Ave	3023	3644		1210	1000	20.5*	15.0
PCB-1260 Peak 2	Ave	6401	7346		1150	1000	14.8	15.0
PCB-1260 Peak 3	Ave	7684	8698		1130	1000	13.2	15.0
PCB-1260 Peak 4	Ave	5236	6335		1210	1000	21.0*	15.0
PCB-1260 Peak 5	Ave	2755	3425		1240	1000	24.3*	15.0
PCB-1260 Peak 6	Ave	4655	5848		1260	1000	25.6*	15.0
PCB-1260 Peak 7	Ave	11057	11947		1080	1000	8.0	15.0
PCB-1260 Peak 8	Ave	2713	2950		1090	1000	8.7	15.0
DCB Decachlorobiphenyl	Ave	82608	84382		102	100	2.1	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86732/24 Calibration Date: 09/15/2011 15:52

Instrument ID: PESTGC9 Calib Start Date: 08/30/2011 15:06

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/30/2011 16:26

Lab File ID: vf464535.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.97	2.90	3.04
PCB-1016 Peak 2	3.66	3.59	3.73
PCB-1016 Peak 3	4.10	4.03	4.17
PCB-1016 Peak 4	4.50	4.43	4.57
PCB-1016 Peak 5	4.74	4.68	4.82
PCB-1016 Peak 6	5.18	5.11	5.25
PCB-1016 Peak 7	5.56	5.50	5.64
PCB-1016 Peak 8	5.77	5.71	5.85
PCB-1260 Peak 1	7.47	7.41	7.55
PCB-1260 Peak 2	7.79	7.72	7.86
PCB-1260 Peak 3	8.25	8.19	8.33
PCB-1260 Peak 4	9.37	9.31	9.45
PCB-1260 Peak 5	9.49	9.43	9.57
PCB-1260 Peak 6	9.94	9.87	10.01
PCB-1260 Peak 7	10.30	10.23	10.37
PCB-1260 Peak 8	11.11	11.04	11.18
DCB Decachlorobiphenyl	11.54	11.45	11.65

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86732/24 Calibration Date: 09/15/2011 15:52

Instrument ID: PESTGC9 Calib Start Date: 08/30/2011 15:06

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/30/2011 16:26

Lab File ID: vr464535.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	3632	3857		1060	1000	6.2	15.0
PCB-1016 Peak 2	Ave	6345	7016		1110	1000	10.6	15.0
PCB-1016 Peak 3	Ave	4056	4671		1150	1000	15.1*	15.0
PCB-1016 Peak 4	Ave	14226	14985		1050	1000	5.3	15.0
PCB-1016 Peak 5	Ave	5396	6076		1130	1000	12.6	15.0
PCB-1016 Peak 6	Ave	3452	3973		1150	1000	15.1*	15.0
PCB-1016 Peak 7	Ave	5033	5791		1150	1000	15.1*	15.0
PCB-1016 Peak 8	Ave	2492	2654		1060	1000	6.5	15.0
PCB-1260 Peak 1	Ave	8250	9648		1170	1000	17.0*	15.0
PCB-1260 Peak 2	Ave	15798	17826		1130	1000	12.8	15.0
PCB-1260 Peak 3	Ave	14246	15982		1120	1000	12.2	15.0
PCB-1260 Peak 4	Ave	7918	8695		1100	1000	9.8	15.0
PCB-1260 Peak 5	Ave	7247	7675		1060	1000	5.9	15.0
PCB-1260 Peak 6	Ave	8055	9008		1120	1000	11.8	15.0
PCB-1260 Peak 7	Ave	4778	5833		1220	1000	22.1*	15.0
PCB-1260 Peak 8	Ave	5444	6799		1250	1000	24.9*	15.0
DCB Decachlorobiphenyl	Ave	122951	138803		113	100	12.9	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86732/24 Calibration Date: 09/15/2011 15:52

Instrument ID: PESTGC9 Calib Start Date: 08/30/2011 15:06

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/30/2011 16:26

Lab File ID: vr464535.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.11	2.04	2.18
PCB-1016 Peak 2	2.54	2.47	2.61
PCB-1016 Peak 3	2.79	2.72	2.86
PCB-1016 Peak 4	3.15	3.08	3.22
PCB-1016 Peak 5	3.36	3.28	3.42
PCB-1016 Peak 6	3.45	3.38	3.52
PCB-1016 Peak 7	4.06	3.99	4.13
PCB-1016 Peak 8	4.21	4.14	4.28
PCB-1260 Peak 1	6.09	6.02	6.16
PCB-1260 Peak 2	6.54	6.47	6.61
PCB-1260 Peak 3	6.98	6.91	7.05
PCB-1260 Peak 4	7.18	7.11	7.25
PCB-1260 Peak 5	7.62	7.55	7.69
PCB-1260 Peak 6	8.91	8.85	8.99
PCB-1260 Peak 7	9.01	8.94	9.08
PCB-1260 Peak 8	9.13	9.06	9.20
DCB Decachlorobiphenyl	10.63	10.53	10.73

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVRT 460-86735/1 Calibration Date: 09/15/2011 16:08

Instrument ID: PESTGC9 Calib Start Date: 08/30/2011 15:06

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/30/2011 16:26

Lab File ID: vf464536.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	2126	2330		1100	1000	9.6	15.0
PCB-1016 Peak 2	Ave	4258	5086		1190	1000	19.5*	15.0
PCB-1016 Peak 3	Ave	1893	2195		1160	1000	15.9*	15.0
PCB-1016 Peak 4	Ave	8896	9688		1090	1000	8.9	15.0
PCB-1016 Peak 5	Ave	4087	4536		1110	1000	11.0	15.0
PCB-1016 Peak 6	Ave	2333	2782		1190	1000	19.2*	15.0
PCB-1016 Peak 7	Ave	2951	3257		1100	1000	10.4	15.0
PCB-1016 Peak 8	Ave	2636	3294		1250	1000	25.0*	15.0
PCB-1260 Peak 1	Ave	3023	3638		1200	1000	20.4*	15.0
PCB-1260 Peak 2	Ave	6401	7335		1150	1000	14.6	15.0
PCB-1260 Peak 3	Ave	7684	8746		1140	1000	13.8	15.0
PCB-1260 Peak 4	Ave	5236	6356		1210	1000	21.4*	15.0
PCB-1260 Peak 5	Ave	2755	3431		1250	1000	24.5*	15.0
PCB-1260 Peak 6	Ave	4655	5851		1260	1000	25.7*	15.0
PCB-1260 Peak 7	Ave	11057	11994		1080	1000	8.5	15.0
PCB-1260 Peak 8	Ave	2713	2961		1090	1000	9.1	15.0
DCB Decachlorobiphenyl	Ave	82608	84660		102	100	2.5	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVRT 460-86735/1 Calibration Date: 09/15/2011 16:08

Instrument ID: PESTGC9 Calib Start Date: 08/30/2011 15:06

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/30/2011 16:26

Lab File ID: vf464536.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.97	2.90	3.04
PCB-1016 Peak 2	3.66	3.59	3.73
PCB-1016 Peak 3	4.10	4.03	4.17
PCB-1016 Peak 4	4.50	4.43	4.57
PCB-1016 Peak 5	4.74	4.68	4.82
PCB-1016 Peak 6	5.18	5.11	5.25
PCB-1016 Peak 7	5.56	5.50	5.64
PCB-1016 Peak 8	5.78	5.71	5.85
PCB-1260 Peak 1	7.48	7.41	7.55
PCB-1260 Peak 2	7.79	7.72	7.86
PCB-1260 Peak 3	8.26	8.19	8.33
PCB-1260 Peak 4	9.37	9.31	9.45
PCB-1260 Peak 5	9.49	9.43	9.57
PCB-1260 Peak 6	9.94	9.87	10.01
PCB-1260 Peak 7	10.30	10.23	10.37
PCB-1260 Peak 8	11.11	11.04	11.18
DCB Decachlorobiphenyl	11.54	11.45	11.65

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVRT 460-86735/1 Calibration Date: 09/15/2011 16:08

Instrument ID: PESTGC9 Calib Start Date: 08/30/2011 15:06

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/30/2011 16:26

Lab File ID: vr464536.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	3632	3801		1050	1000	4.7	15.0
PCB-1016 Peak 2	Ave	6345	6986		1100	1000	10.1	15.0
PCB-1016 Peak 3	Ave	4056	5061		1250	1000	24.8*	15.0
PCB-1016 Peak 4	Ave	14226	14889		1050	1000	4.7	15.0
PCB-1016 Peak 5	Ave	5396	5996		1110	1000	11.1	15.0
PCB-1016 Peak 6	Ave	3452	3899		1130	1000	12.9	15.0
PCB-1016 Peak 7	Ave	5033	5726		1140	1000	13.8	15.0
PCB-1016 Peak 8	Ave	2492	2537		1020	1000	1.8	15.0
PCB-1260 Peak 1	Ave	8250	9126		1110	1000	10.6	15.0
PCB-1260 Peak 2	Ave	15798	17265		1090	1000	9.3	15.0
PCB-1260 Peak 3	Ave	14246	14512		1020	1000	1.9	15.0
PCB-1260 Peak 4	Ave	7918	7744		978	1000	-2.2	15.0
PCB-1260 Peak 5	Ave	7247	7590		1050	1000	4.7	15.0
PCB-1260 Peak 6	Ave	8055	9011		1120	1000	11.9	15.0
PCB-1260 Peak 7	Ave	4778	5820		1220	1000	21.8*	15.0
PCB-1260 Peak 8	Ave	5444	6827		1250	1000	25.4*	15.0
DCB Decachlorobiphenyl	Ave	122951	138901		113	100	13.0	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVRT 460-86735/1 Calibration Date: 09/15/2011 16:08

Instrument ID: PESTGC9 Calib Start Date: 08/30/2011 15:06

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/30/2011 16:26

Lab File ID: vr464536.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.10	2.04	2.18
PCB-1016 Peak 2	2.54	2.47	2.61
PCB-1016 Peak 3	2.79	2.72	2.86
PCB-1016 Peak 4	3.15	3.08	3.22
PCB-1016 Peak 5	3.35	3.28	3.42
PCB-1016 Peak 6	3.45	3.38	3.52
PCB-1016 Peak 7	4.06	3.99	4.13
PCB-1016 Peak 8	4.21	4.14	4.28
PCB-1260 Peak 1	6.09	6.02	6.16
PCB-1260 Peak 2	6.54	6.47	6.61
PCB-1260 Peak 3	6.98	6.91	7.05
PCB-1260 Peak 4	7.18	7.11	7.25
PCB-1260 Peak 5	7.62	7.55	7.69
PCB-1260 Peak 6	8.92	8.85	8.99
PCB-1260 Peak 7	9.02	8.94	9.08
PCB-1260 Peak 8	9.13	9.06	9.20
DCB Decachlorobiphenyl	10.63	10.53	10.73

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86735/8 Calibration Date: 09/15/2011 17:58

Instrument ID: PESTGC9 Calib Start Date: 08/30/2011 15:06

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/30/2011 16:26

Lab File ID: vf464543.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	2126	2302		1080	1000	8.3	15.0
PCB-1016 Peak 2	Ave	4258	4914		1150	1000	15.4*	15.0
PCB-1016 Peak 3	Ave	1893	2166		1140	1000	14.4	15.0
PCB-1016 Peak 4	Ave	8896	9841		1110	1000	10.6	15.0
PCB-1016 Peak 5	Ave	4087	4674		1140	1000	14.4	15.0
PCB-1016 Peak 6	Ave	2333	2594		1110	1000	11.2	15.0
PCB-1016 Peak 7	Ave	2951	3334		1130	1000	13.0	15.0
PCB-1016 Peak 8	Ave	2636	3562		1350	1000	35.1*	15.0
PCB-1260 Peak 1	Ave	3023	3634		1200	1000	20.2*	15.0
PCB-1260 Peak 2	Ave	6401	7186		1120	1000	12.3	15.0
PCB-1260 Peak 3	Ave	7684	8786		1140	1000	14.3	15.0
PCB-1260 Peak 4	Ave	5236	6302		1200	1000	20.3*	15.0
PCB-1260 Peak 5	Ave	2755	3384		1230	1000	22.8*	15.0
PCB-1260 Peak 6	Ave	4655	5874		1260	1000	26.2*	15.0
PCB-1260 Peak 7	Ave	11057	12087		1090	1000	9.3	15.0
PCB-1260 Peak 8	Ave	2713	3006		1110	1000	10.8	15.0
DCB Decachlorobiphenyl	Ave	82608	86518		105	100	4.7	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86735/8 Calibration Date: 09/15/2011 17:58

Instrument ID: PESTGC9 Calib Start Date: 08/30/2011 15:06

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/30/2011 16:26

Lab File ID: vf464543.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.97	2.90	3.04
PCB-1016 Peak 2	3.66	3.59	3.73
PCB-1016 Peak 3	4.10	4.03	4.17
PCB-1016 Peak 4	4.50	4.43	4.57
PCB-1016 Peak 5	4.74	4.68	4.82
PCB-1016 Peak 6	5.18	5.11	5.25
PCB-1016 Peak 7	5.57	5.50	5.64
PCB-1016 Peak 8	5.78	5.71	5.85
PCB-1260 Peak 1	7.48	7.41	7.55
PCB-1260 Peak 2	7.79	7.72	7.86
PCB-1260 Peak 3	8.26	8.19	8.33
PCB-1260 Peak 4	9.37	9.31	9.45
PCB-1260 Peak 5	9.49	9.43	9.57
PCB-1260 Peak 6	9.94	9.87	10.01
PCB-1260 Peak 7	10.30	10.23	10.37
PCB-1260 Peak 8	11.11	11.04	11.18
DCB Decachlorobiphenyl	11.55	11.45	11.65

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86735/8 Calibration Date: 09/15/2011 17:58

Instrument ID: PESTGC9 Calib Start Date: 08/30/2011 15:06

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/30/2011 16:26

Lab File ID: vr464543.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	3632	3822		1050	1000	5.2	15.0
PCB-1016 Peak 2	Ave	6345	6659		1050	1000	4.9	15.0
PCB-1016 Peak 3	Ave	4056	4478		1100	1000	10.4	15.0
PCB-1016 Peak 4	Ave	14226	14538		1020	1000	2.2	15.0
PCB-1016 Peak 5	Ave	5396	5877		1090	1000	8.9	15.0
PCB-1016 Peak 6	Ave	3452	3903		1130	1000	13.1	15.0
PCB-1016 Peak 7	Ave	5033	5574		1110	1000	10.8	15.0
PCB-1016 Peak 8	Ave	2492	2211		887	1000	-11.3	15.0
PCB-1260 Peak 1	Ave	8250	9620		1170	1000	16.6*	15.0
PCB-1260 Peak 2	Ave	15798	17722		1120	1000	12.2	15.0
PCB-1260 Peak 3	Ave	14246	16055		1130	1000	12.7	15.0
PCB-1260 Peak 4	Ave	7918	9064		1140	1000	14.5	15.0
PCB-1260 Peak 5	Ave	7247	7783		1070	1000	7.4	15.0
PCB-1260 Peak 6	Ave	8055	8807		1090	1000	9.3	15.0
PCB-1260 Peak 7	Ave	4778	5930		1240	1000	24.1*	15.0
PCB-1260 Peak 8	Ave	5444	6903		1270	1000	26.8*	15.0
DCB Decachlorobiphenyl	Ave	122951	138991		113	100	13.0	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86735/8 Calibration Date: 09/15/2011 17:58

Instrument ID: PESTGC9 Calib Start Date: 08/30/2011 15:06

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/30/2011 16:26

Lab File ID: vr464543.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.10	2.04	2.18
PCB-1016 Peak 2	2.54	2.47	2.61
PCB-1016 Peak 3	2.79	2.72	2.86
PCB-1016 Peak 4	3.15	3.08	3.22
PCB-1016 Peak 5	3.35	3.28	3.42
PCB-1016 Peak 6	3.45	3.38	3.52
PCB-1016 Peak 7	4.06	3.99	4.13
PCB-1016 Peak 8	4.21	4.14	4.28
PCB-1260 Peak 1	6.09	6.02	6.16
PCB-1260 Peak 2	6.54	6.47	6.61
PCB-1260 Peak 3	6.99	6.91	7.05
PCB-1260 Peak 4	7.18	7.11	7.25
PCB-1260 Peak 5	7.62	7.55	7.69
PCB-1260 Peak 6	8.92	8.85	8.99
PCB-1260 Peak 7	9.02	8.94	9.08
PCB-1260 Peak 8	9.14	9.06	9.20
DCB Decachlorobiphenyl	10.63	10.53	10.73

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVRT 460-86731/4 Calibration Date: 09/20/2011 02:30

Instrument ID: PESTGC9 Calib Start Date: 08/30/2011 15:06

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/30/2011 16:26

Lab File ID: vf464684.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	2126	2323		1090	1000	9.2	15.0
PCB-1016 Peak 2	Ave	4258	5035		1180	1000	18.2*	15.0
PCB-1016 Peak 3	Ave	1893	2213		1170	1000	16.9*	15.0
PCB-1016 Peak 4	Ave	8896	9413		1060	1000	5.8	15.0
PCB-1016 Peak 5	Ave	4087	4380		1070	1000	7.2	15.0
PCB-1016 Peak 6	Ave	2333	2597		1110	1000	11.3	15.0
PCB-1016 Peak 7	Ave	2951	2921		990	1000	-1.0	15.0
PCB-1016 Peak 8	Ave	2636	2933		1110	1000	11.3	15.0
PCB-1260 Peak 1	Ave	3023	3535		1170	1000	16.9*	15.0
PCB-1260 Peak 2	Ave	6401	7148		1120	1000	11.7	15.0
PCB-1260 Peak 3	Ave	7684	8379		1090	1000	9.0	15.0
PCB-1260 Peak 4	Ave	5236	6002		1150	1000	14.6	15.0
PCB-1260 Peak 5	Ave	2755	3186		1160	1000	15.6*	15.0
PCB-1260 Peak 6	Ave	4655	5622		1210	1000	20.8*	15.0
PCB-1260 Peak 7	Ave	11057	11371		1030	1000	2.8	15.0
PCB-1260 Peak 8	Ave	2713	2662		981	1000	-1.9	15.0
DCB Decachlorobiphenyl	Ave	82608	81213		98.3	100	-1.7	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVRT 460-86731/4 Calibration Date: 09/20/2011 02:30

Instrument ID: PESTGC9 Calib Start Date: 08/30/2011 15:06

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/30/2011 16:26

Lab File ID: vf464684.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.98	2.90	3.04
PCB-1016 Peak 2	3.66	3.59	3.73
PCB-1016 Peak 3	4.10	4.03	4.17
PCB-1016 Peak 4	4.50	4.43	4.57
PCB-1016 Peak 5	4.75	4.68	4.82
PCB-1016 Peak 6	5.18	5.11	5.25
PCB-1016 Peak 7	5.57	5.50	5.64
PCB-1016 Peak 8	5.78	5.71	5.85
PCB-1260 Peak 1	7.48	7.41	7.55
PCB-1260 Peak 2	7.79	7.72	7.86
PCB-1260 Peak 3	8.26	8.19	8.33
PCB-1260 Peak 4	9.38	9.31	9.45
PCB-1260 Peak 5	9.50	9.43	9.57
PCB-1260 Peak 6	9.94	9.87	10.01
PCB-1260 Peak 7	10.30	10.24	10.38
PCB-1260 Peak 8	11.11	11.04	11.18
DCB Decachlorobiphenyl	11.55	11.43	11.63

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVRT 460-86731/4 Calibration Date: 09/20/2011 02:30

Instrument ID: PESTGC9 Calib Start Date: 08/30/2011 15:06

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/30/2011 16:26

Lab File ID: vr464684.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	3632	3882		1070	1000	6.9	15.0
PCB-1016 Peak 2	Ave	6345	7129		1120	1000	12.4	15.0
PCB-1016 Peak 3	Ave	4056	5237		1290	1000	29.1*	15.0
PCB-1016 Peak 4	Ave	14226	14928		1050	1000	4.9	15.0
PCB-1016 Peak 5	Ave	5396	6009		1110	1000	11.4	15.0
PCB-1016 Peak 6	Ave	3452	5117		1480	1000	48.2*	15.0
PCB-1016 Peak 7	Ave	5033	5806		1150	1000	15.4*	15.0
PCB-1016 Peak 8	Ave	2492	4851		1950	1000	94.7*	15.0
PCB-1260 Peak 1	Ave	8250	9192		1110	1000	11.4	15.0
PCB-1260 Peak 2	Ave	15798	17206		1090	1000	8.9	15.0
PCB-1260 Peak 3	Ave	14246	15209		1070	1000	6.8	15.0
PCB-1260 Peak 4	Ave	7918	8587		1080	1000	8.5	15.0
PCB-1260 Peak 5	Ave	7247	7229		998	1000	-0.2	15.0
PCB-1260 Peak 6	Ave	8055	7582		941	1000	-5.9	15.0
PCB-1260 Peak 7	Ave	4778	4977		1040	1000	4.2	15.0
PCB-1260 Peak 8	Ave	5444	5291		972	1000	-2.8	15.0
DCB Decachlorobiphenyl	Ave	122951	133998		109	100	9.0	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVRT 460-86731/4 Calibration Date: 09/20/2011 02:30

Instrument ID: PESTGC9 Calib Start Date: 08/30/2011 15:06

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/30/2011 16:26

Lab File ID: vr464684.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.11	2.04	2.18
PCB-1016 Peak 2	2.55	2.47	2.61
PCB-1016 Peak 3	2.80	2.72	2.86
PCB-1016 Peak 4	3.15	3.08	3.22
PCB-1016 Peak 5	3.36	3.29	3.43
PCB-1016 Peak 6	3.45	3.38	3.52
PCB-1016 Peak 7	4.06	3.99	4.13
PCB-1016 Peak 8	4.21	4.14	4.28
PCB-1260 Peak 1	6.09	6.02	6.16
PCB-1260 Peak 2	6.54	6.47	6.61
PCB-1260 Peak 3	6.98	6.91	7.05
PCB-1260 Peak 4	7.18	7.11	7.25
PCB-1260 Peak 5	7.62	7.54	7.68
PCB-1260 Peak 6	8.92	8.84	8.98
PCB-1260 Peak 7	9.01	8.94	9.08
PCB-1260 Peak 8	9.13	9.06	9.20
DCB Decachlorobiphenyl	10.63	10.53	10.73

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86731/13 Calibration Date: 09/20/2011 04:59

Instrument ID: PESTGC9 Calib Start Date: 08/30/2011 15:06

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/30/2011 16:26

Lab File ID: vf464693.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	2126	2330		1100	1000	9.6	15.0
PCB-1016 Peak 2	Ave	4258	5152		1210	1000	21.0*	15.0
PCB-1016 Peak 3	Ave	1893	983.1		519	1000	-48.1*	15.0
PCB-1016 Peak 4	Ave	8896	9776		1100	1000	9.9	15.0
PCB-1016 Peak 5	Ave	4087	4647		1140	1000	13.7	15.0
PCB-1016 Peak 6	Ave	2333	2770		1190	1000	18.7*	15.0
PCB-1016 Peak 7	Ave	2951	3257		1100	1000	10.4	15.0
PCB-1016 Peak 8	Ave	2636	3229		1230	1000	22.5*	15.0
PCB-1260 Peak 1	Ave	3023	3615		1200	1000	19.6*	15.0
PCB-1260 Peak 2	Ave	6401	7304		1140	1000	14.1	15.0
PCB-1260 Peak 3	Ave	7684	8571		1120	1000	11.5	15.0
PCB-1260 Peak 4	Ave	5236	6134		1170	1000	17.1*	15.0
PCB-1260 Peak 5	Ave	2755	3262		1180	1000	18.4*	15.0
PCB-1260 Peak 6	Ave	4655	5762		1240	1000	23.8*	15.0
PCB-1260 Peak 7	Ave	11057	11593		1050	1000	4.8	15.0
PCB-1260 Peak 8	Ave	2713	2773		1020	1000	2.2	15.0
DCB Decachlorobiphenyl	Ave	82608	82624		100	100	0.0	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86731/13 Calibration Date: 09/20/2011 04:59

Instrument ID: PESTGC9 Calib Start Date: 08/30/2011 15:06

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/30/2011 16:26

Lab File ID: vf464693.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.97	2.90	3.04
PCB-1016 Peak 2	3.66	3.59	3.73
PCB-1016 Peak 3	4.06	3.99	4.13
PCB-1016 Peak 4	4.50	4.43	4.57
PCB-1016 Peak 5	4.75	4.68	4.82
PCB-1016 Peak 6	5.18	5.11	5.25
PCB-1016 Peak 7	5.57	5.50	5.64
PCB-1016 Peak 8	5.78	5.71	5.85
PCB-1260 Peak 1	7.47	7.40	7.54
PCB-1260 Peak 2	7.79	7.72	7.86
PCB-1260 Peak 3	8.25	8.18	8.32
PCB-1260 Peak 4	9.37	9.30	9.44
PCB-1260 Peak 5	9.49	9.42	9.56
PCB-1260 Peak 6	9.94	9.87	10.01
PCB-1260 Peak 7	10.30	10.23	10.37
PCB-1260 Peak 8	11.11	11.04	11.18
DCB Decachlorobiphenyl	11.56	11.46	11.66

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86731/13 Calibration Date: 09/20/2011 04:59

Instrument ID: PESTGC9 Calib Start Date: 08/30/2011 15:06

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/30/2011 16:26

Lab File ID: vr464693.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	3632	3931		1080	1000	8.2	15.0
PCB-1016 Peak 2	Ave	6345	7183		1130	1000	13.2	15.0
PCB-1016 Peak 3	Ave	4056	5365		1320	1000	32.3*	15.0
PCB-1016 Peak 4	Ave	14226	15220		1070	1000	7.0	15.0
PCB-1016 Peak 5	Ave	5396	6145		1140	1000	13.9	15.0
PCB-1016 Peak 6	Ave	3452	3493		1010	1000	1.2	15.0
PCB-1016 Peak 7	Ave	5033	6180		1230	1000	22.8*	15.0
PCB-1016 Peak 8	Ave	2492	5305		2130	1000	112.9*	15.0
PCB-1260 Peak 1	Ave	8250	9892		1200	1000	19.9*	15.0
PCB-1260 Peak 2	Ave	15798	18209		1150	1000	15.3*	15.0
PCB-1260 Peak 3	Ave	14246	16462		1160	1000	15.6*	15.0
PCB-1260 Peak 4	Ave	7918	8922		1130	1000	12.7	15.0
PCB-1260 Peak 5	Ave	7247	8057		1110	1000	11.2	15.0
PCB-1260 Peak 6	Ave	8055	8648		1070	1000	7.4	15.0
PCB-1260 Peak 7	Ave	4778	5545		1160	1000	16.1*	15.0
PCB-1260 Peak 8	Ave	5444	6436		1180	1000	18.2*	15.0
DCB Decachlorobiphenyl	Ave	122951	138361		113	100	12.5	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86731/13 Calibration Date: 09/20/2011 04:59

Instrument ID: PESTGC9 Calib Start Date: 08/30/2011 15:06

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/30/2011 16:26

Lab File ID: vr464693.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.11	2.04	2.18
PCB-1016 Peak 2	2.54	2.47	2.61
PCB-1016 Peak 3	2.79	2.72	2.86
PCB-1016 Peak 4	3.15	3.08	3.22
PCB-1016 Peak 5	3.36	3.29	3.43
PCB-1016 Peak 6	3.45	3.38	3.52
PCB-1016 Peak 7	4.06	3.99	4.13
PCB-1016 Peak 8	4.21	4.14	4.28
PCB-1260 Peak 1	6.09	6.02	6.16
PCB-1260 Peak 2	6.54	6.47	6.61
PCB-1260 Peak 3	6.98	6.91	7.05
PCB-1260 Peak 4	7.18	7.11	7.25
PCB-1260 Peak 5	7.61	7.54	7.68
PCB-1260 Peak 6	8.91	8.84	8.98
PCB-1260 Peak 7	9.01	8.94	9.08
PCB-1260 Peak 8	9.13	9.06	9.20
DCB Decachlorobiphenyl	10.63	10.53	10.73

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVRT 460-86737/2 Calibration Date: 09/20/2011 17:15

Instrument ID: PESTGC9 Calib Start Date: 08/30/2011 15:06

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/30/2011 16:26

Lab File ID: vf464725.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	2126	2695		1270	1000	26.8*	15.0
PCB-1016 Peak 2	Ave	4258	5079		1190	1000	19.3*	15.0
PCB-1016 Peak 3	Ave	1893	3278		1730	1000	73.2*	15.0
PCB-1016 Peak 4	Ave	8896	9510		1070	1000	6.9	15.0
PCB-1016 Peak 5	Ave	4087	4342		1060	1000	6.2	15.0
PCB-1016 Peak 6	Ave	2333	2620		1120	1000	12.3	15.0
PCB-1016 Peak 7	Ave	2951	2930		993	1000	-0.7	15.0
PCB-1016 Peak 8	Ave	2636	3002		1140	1000	13.9	15.0
PCB-1260 Peak 1	Ave	3023	3443		1140	1000	13.9	15.0
PCB-1260 Peak 2	Ave	6401	7134		1110	1000	11.5	15.0
PCB-1260 Peak 3	Ave	7684	8446		1100	1000	9.9	15.0
PCB-1260 Peak 4	Ave	5236	6013		1150	1000	14.8	15.0
PCB-1260 Peak 5	Ave	2755	3169		1150	1000	15.0	15.0
PCB-1260 Peak 6	Ave	4655	5648		1210	1000	21.3*	15.0
PCB-1260 Peak 7	Ave	11057	11093		1000	1000	0.3	15.0
PCB-1260 Peak 8	Ave	2713	2513		926	1000	-7.4	15.0
DCB Decachlorobiphenyl	Ave	82608	75175		91.0	100	-9.0	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVRT 460-86737/2 Calibration Date: 09/20/2011 17:15

Instrument ID: PESTGC9 Calib Start Date: 08/30/2011 15:06

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/30/2011 16:26

Lab File ID: vf464725.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.98	2.90	3.04
PCB-1016 Peak 2	3.66	3.59	3.73
PCB-1016 Peak 3	4.10	4.03	4.17
PCB-1016 Peak 4	4.50	4.43	4.57
PCB-1016 Peak 5	4.75	4.68	4.82
PCB-1016 Peak 6	5.18	5.11	5.25
PCB-1016 Peak 7	5.57	5.50	5.64
PCB-1016 Peak 8	5.78	5.71	5.85
PCB-1260 Peak 1	7.48	7.41	7.55
PCB-1260 Peak 2	7.79	7.72	7.86
PCB-1260 Peak 3	8.26	8.19	8.33
PCB-1260 Peak 4	9.38	9.31	9.45
PCB-1260 Peak 5	9.50	9.43	9.57
PCB-1260 Peak 6	9.94	9.87	10.01
PCB-1260 Peak 7	10.30	10.24	10.38
PCB-1260 Peak 8	11.11	11.04	11.18
DCB Decachlorobiphenyl	11.55	11.43	11.63

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVRT 460-86737/2 Calibration Date: 09/20/2011 17:15

Instrument ID: PESTGC9 Calib Start Date: 08/30/2011 15:06

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/30/2011 16:26

Lab File ID: vr464725.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 6	Ave	3452	0.0000		0.500	1000	-100.0*	15.0
PCB-1016 Peak 1	Ave	3632	6222		1710	1000	71.3*	15.0
PCB-1016 Peak 2	Ave	6345	7139		1130	1000	12.5	15.0
PCB-1016 Peak 3	Ave	4056	4767		1180	1000	17.5*	15.0
PCB-1016 Peak 4	Ave	14226	14550		1020	1000	2.3	15.0
PCB-1016 Peak 5	Ave	5396	5681		1050	1000	5.3	15.0
PCB-1016 Peak 7	Ave	5033	5763		1150	1000	14.5	15.0
PCB-1016 Peak 8	Ave	2492	2167		870	1000	-13.0	15.0
PCB-1260 Peak 1	Ave	8250	9671		1170	1000	17.2*	15.0
PCB-1260 Peak 2	Ave	15798	18033		1140	1000	14.2	15.0
PCB-1260 Peak 3	Ave	14246	16257		1140	1000	14.1	15.0
PCB-1260 Peak 4	Ave	7918	7767		981	1000	-1.9	15.0
PCB-1260 Peak 5	Ave	7247	7976		1100	1000	10.1	15.0
PCB-1260 Peak 6	Ave	8055	9344		1160	1000	16.0*	15.0
PCB-1260 Peak 7	Ave	4778	5215		1090	1000	9.2	15.0
PCB-1260 Peak 8	Ave	5444	6095		1120	1000	12.0	15.0
DCB Decachlorobiphenyl	Ave	122951	119476		97.2	100	-2.8	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCVRT 460-86737/2 Calibration Date: 09/20/2011 17:15

Instrument ID: PESTGC9 Calib Start Date: 08/30/2011 15:06

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/30/2011 16:26

Lab File ID: vr464725.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 6	0.00	0.93	1.07
PCB-1016 Peak 1	2.11	2.04	2.18
PCB-1016 Peak 2	2.55	2.47	2.61
PCB-1016 Peak 3	2.80	2.72	2.86
PCB-1016 Peak 4	3.15	3.08	3.22
PCB-1016 Peak 5	3.36	3.28	3.42
PCB-1016 Peak 7	4.06	3.99	4.13
PCB-1016 Peak 8	4.21	4.14	4.28
PCB-1260 Peak 1	6.09	6.02	6.16
PCB-1260 Peak 2	6.54	6.47	6.61
PCB-1260 Peak 3	6.98	6.91	7.05
PCB-1260 Peak 4	7.18	7.11	7.25
PCB-1260 Peak 5	7.62	7.55	7.69
PCB-1260 Peak 6	8.91	8.84	8.98
PCB-1260 Peak 7	9.01	8.94	9.08
PCB-1260 Peak 8	9.13	9.06	9.20
DCB Decachlorobiphenyl	10.63	10.53	10.73

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86737/12 Calibration Date: 09/21/2011 01:40

Instrument ID: PESTGC9 Calib Start Date: 08/30/2011 15:06

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/30/2011 16:26

Lab File ID: vf464735.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	2126	2667		1250	1000	25.5*	15.0
PCB-1016 Peak 2	Ave	4258	5153		1210	1000	21.0*	15.0
PCB-1016 Peak 3	Ave	1893	2683		1420	1000	41.7*	15.0
PCB-1016 Peak 4	Ave	8896	9907		1110	1000	11.4	15.0
PCB-1016 Peak 5	Ave	4087	4626		1130	1000	13.2	15.0
PCB-1016 Peak 6	Ave	2333	2535		1090	1000	8.7	15.0
PCB-1016 Peak 7	Ave	2951	2977		1010	1000	0.9	15.0
PCB-1016 Peak 8	Ave	2636	3410		1290	1000	29.4*	15.0
PCB-1260 Peak 1	Ave	3023	3643		1210	1000	20.5*	15.0
PCB-1260 Peak 2	Ave	6401	7311		1140	1000	14.2	15.0
PCB-1260 Peak 3	Ave	7684	8693		1130	1000	13.1	15.0
PCB-1260 Peak 4	Ave	5236	6079		1160	1000	16.1*	15.0
PCB-1260 Peak 5	Ave	2755	3213		1170	1000	16.6*	15.0
PCB-1260 Peak 6	Ave	4655	5963		1280	1000	28.1*	15.0
PCB-1260 Peak 7	Ave	11057	12029		1090	1000	8.8	15.0
PCB-1260 Peak 8	Ave	2713	2717		1000	1000	0.2	15.0
DCB Decachlorobiphenyl	Ave	82608	80854		97.9	100	-2.1	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86737/12 Calibration Date: 09/21/2011 01:40

Instrument ID: PESTGC9 Calib Start Date: 08/30/2011 15:06

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/30/2011 16:26

Lab File ID: vf464735.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.97	2.90	3.04
PCB-1016 Peak 2	3.66	3.59	3.73
PCB-1016 Peak 3	4.10	4.03	4.17
PCB-1016 Peak 4	4.50	4.43	4.57
PCB-1016 Peak 5	4.75	4.68	4.82
PCB-1016 Peak 6	5.18	5.11	5.25
PCB-1016 Peak 7	5.57	5.50	5.64
PCB-1016 Peak 8	5.78	5.71	5.85
PCB-1260 Peak 1	7.48	7.41	7.55
PCB-1260 Peak 2	7.79	7.72	7.86
PCB-1260 Peak 3	8.26	8.19	8.33
PCB-1260 Peak 4	9.38	9.31	9.45
PCB-1260 Peak 5	9.50	9.43	9.57
PCB-1260 Peak 6	9.94	9.87	10.01
PCB-1260 Peak 7	10.30	10.24	10.38
PCB-1260 Peak 8	11.10	11.04	11.18
DCB Decachlorobiphenyl	11.52	11.43	11.63

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86737/12 Calibration Date: 09/21/2011 01:40

Instrument ID: PESTGC9 Calib Start Date: 08/30/2011 15:06

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/30/2011 16:26

Lab File ID: vr464735.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 6	Ave	3452	0.0000		0.500	1000	-100.0*	15.0
PCB-1016 Peak 1	Ave	3632	4285		1180	1000	18.0*	15.0
PCB-1016 Peak 2	Ave	6345	7179		1130	1000	13.1	15.0
PCB-1016 Peak 3	Ave	4056	4811		1190	1000	18.6*	15.0
PCB-1016 Peak 4	Ave	14226	15364		1080	1000	8.0	15.0
PCB-1016 Peak 5	Ave	5396	6139		1140	1000	13.8	15.0
PCB-1016 Peak 7	Ave	5033	5690		1130	1000	13.1	15.0
PCB-1016 Peak 8	Ave	2492	2585		1040	1000	3.7	15.0
PCB-1260 Peak 1	Ave	8250	10175		1230	1000	23.3*	15.0
PCB-1260 Peak 2	Ave	15798	18723		1190	1000	18.5*	15.0
PCB-1260 Peak 3	Ave	14246	17116		1200	1000	20.1*	15.0
PCB-1260 Peak 4	Ave	7918	8291		1050	1000	4.7	15.0
PCB-1260 Peak 5	Ave	7247	8512		1170	1000	17.5*	15.0
PCB-1260 Peak 6	Ave	8055	9444		1170	1000	17.3*	15.0
PCB-1260 Peak 7	Ave	4778	5420		1130	1000	13.4	15.0
PCB-1260 Peak 8	Ave	5444	6204		1140	1000	14.0	15.0
DCB Decachlorobiphenyl	Ave	122951	138732		113	100	12.8	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86737/12 Calibration Date: 09/21/2011 01:40

Instrument ID: PESTGC9 Calib Start Date: 08/30/2011 15:06

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/30/2011 16:26

Lab File ID: vr464735.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 6	1.00	0.93	1.07
PCB-1016 Peak 1	2.11	2.04	2.18
PCB-1016 Peak 2	2.54	2.47	2.61
PCB-1016 Peak 3	2.79	2.72	2.86
PCB-1016 Peak 4	3.15	3.08	3.22
PCB-1016 Peak 5	3.35	3.28	3.42
PCB-1016 Peak 7	4.06	3.99	4.13
PCB-1016 Peak 8	4.21	4.14	4.28
PCB-1260 Peak 1	6.09	6.02	6.16
PCB-1260 Peak 2	6.54	6.47	6.61
PCB-1260 Peak 3	6.98	6.91	7.05
PCB-1260 Peak 4	7.18	7.11	7.25
PCB-1260 Peak 5	7.62	7.55	7.69
PCB-1260 Peak 6	8.91	8.84	8.98
PCB-1260 Peak 7	9.01	8.94	9.08
PCB-1260 Peak 8	9.13	9.06	9.20
DCB Decachlorobiphenyl	10.63	10.53	10.73

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-85730/1-A

Matrix: Water Lab File ID: of177413.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3510C Date Extracted: 09/12/2011 08:23

Sample wt/vol: 1000(mL) Date Analyzed: 09/13/2011 01:36

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.: 85904 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	100		37-150

Data File: of177413.d
Report Date: 13-Sep-2011 11:40

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep11/09-12-11/12sep11a.b/of177413.d
Lab Smp Id: MB 460-85730/1-A
Inj Date : 13-SEP-2011 01:36
Operator : 615 Inst ID: PESTGC7.i
Smp Info : MB 460-85730/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Sep11/09-12-11/12sep11a.b/08Of8082.m
Meth Date : 13-Sep-2011 11:39 sita Quant Type: ESTD
Cal Date : 29-AUG-2011 12:45 Cal File: of176825.d
Als bottle: 84 QC Sample: BLANK
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

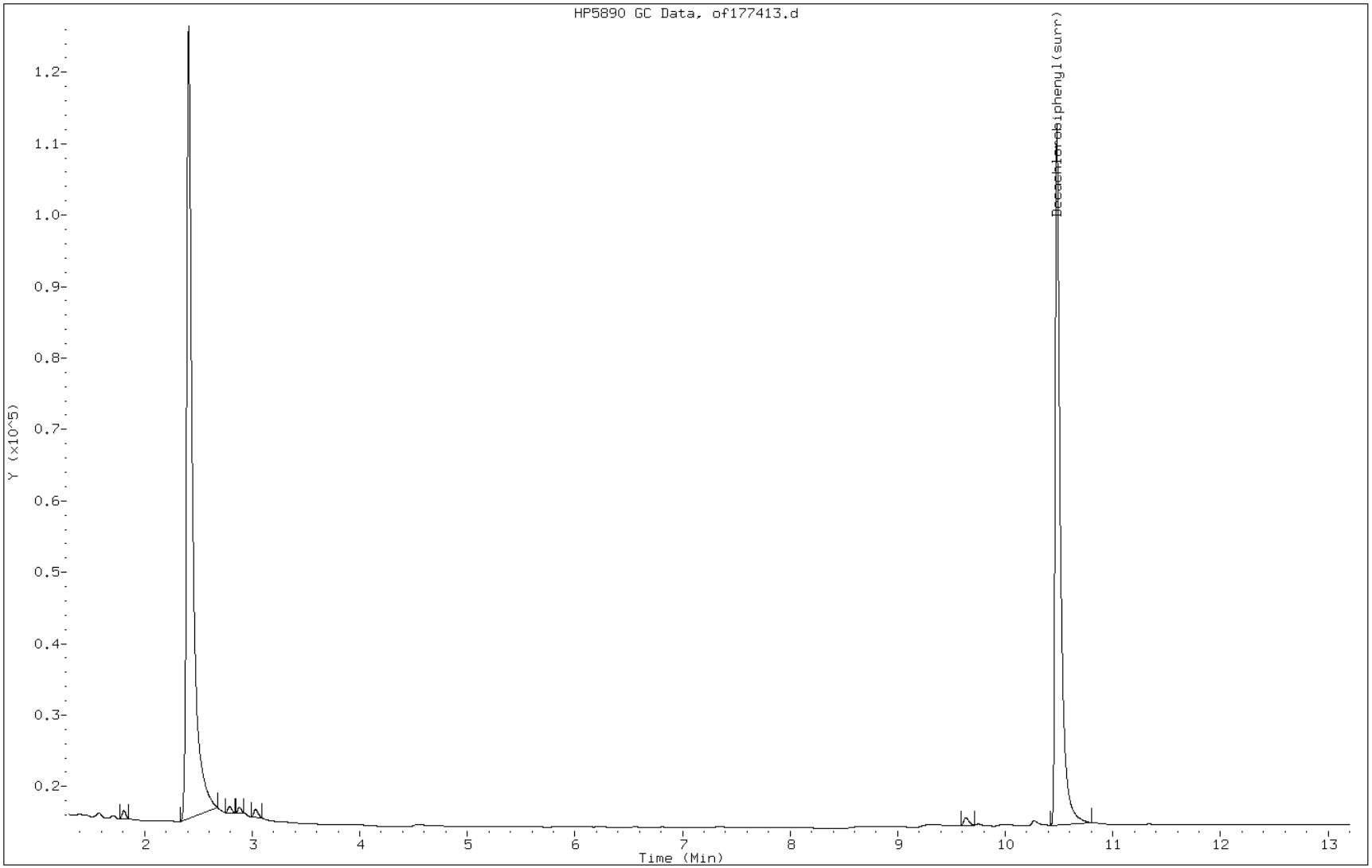
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.480	10.475	0.005	332674	99.7522	0.50	80.00- 120.00	100.00

Data File: of177413.d

Date: 13-SEP-2011 01:36

Client ID: Instrument: PESTGC7.i

Sample Info: MB 460-85730/1-A Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-85730/1-A

Matrix: Water Lab File ID: or177413.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3510C Date Extracted: 09/12/2011 08:23

Sample wt/vol: 1000(mL) Date Analyzed: 09/13/2011 01:36

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.: 85904 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.50	U	0.50	0.13
11104-28-2	Aroclor 1221	0.50	U	0.50	0.28
11141-16-5	Aroclor 1232	0.50	U	0.50	0.12
53469-21-9	Aroclor 1242	0.50	U	0.50	0.12
12672-29-6	Aroclor 1248	0.50	U	0.50	0.24
11097-69-1	Aroclor 1254	0.50	U	0.50	0.17
11096-82-5	Aroclor 1260	0.50	U	0.50	0.15
37324-23-5	Aroclor 1262	0.50	U	0.50	0.12
11100-14-4	Aroclor 1268	0.50	U	0.50	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	110		37-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep11/09-12-11/12sep11a.b/or177413.d
Lab Smp Id: MB 460-85730/1-A
Inj Date : 13-SEP-2011 01:36
Operator : 615 Inst ID: PESTGC7.i
Smp Info : MB 460-85730/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep11/09-12-11/12sep11a.b/08Or8082.m
Meth Date : 12-Sep-2011 14:52 sita Quant Type: ESTD
Cal Date : 29-AUG-2011 12:45 Cal File: or176825.d
Als bottle: 84 QC Sample: BLANK
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		
9.348	9.347	0.001	386597	109.901	0.55	80.00- 120.00	100.00

Data File: or177413.d

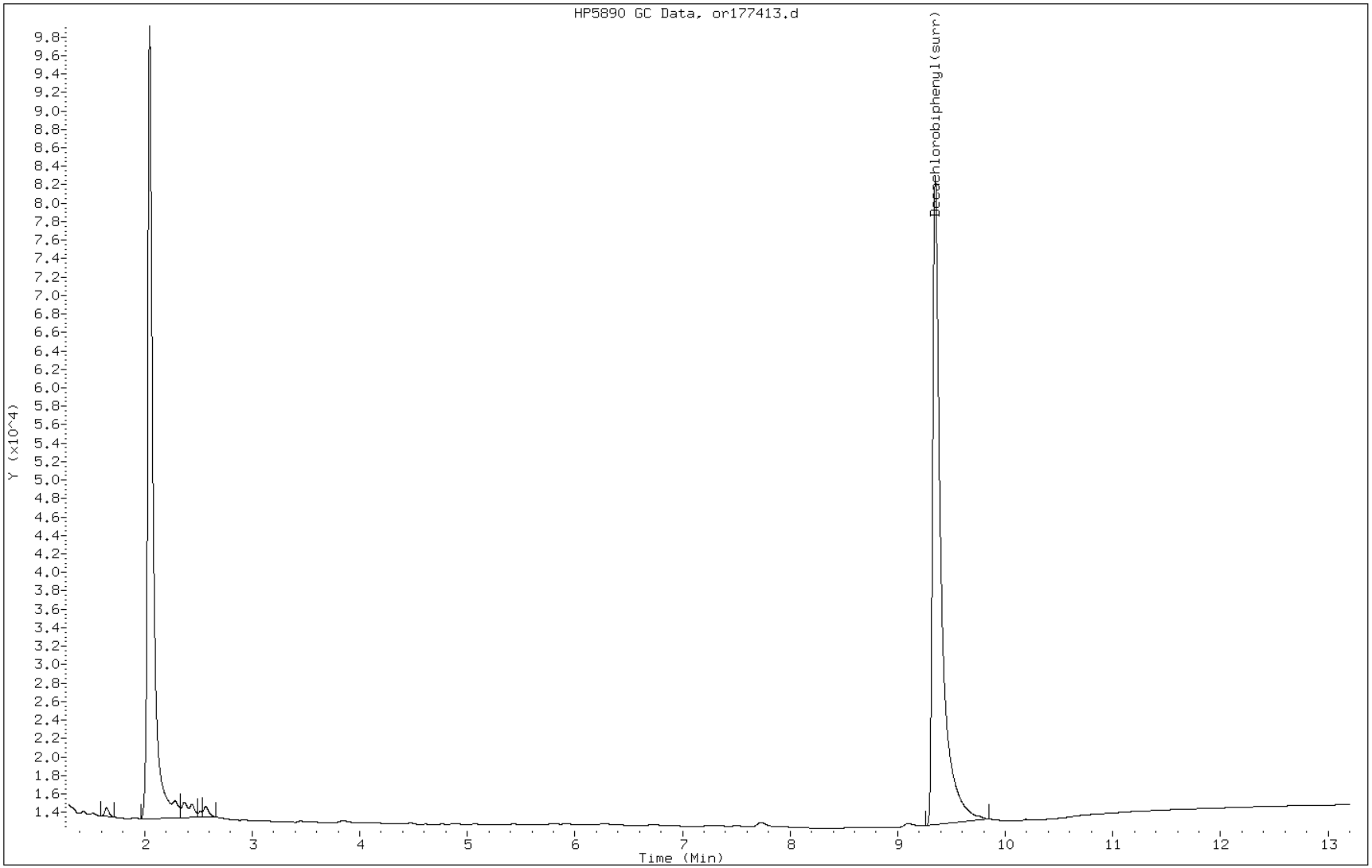
Date: 13-SEP-2011 01:36

Client ID:

Instrument: PESTGC7.i

Sample Info: MB 460-85730/1-A

Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-85952/1-A

Matrix: Solid Lab File ID: vf464514.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3541 Date Extracted: 09/14/2011 04:57

Sample wt/vol: 15.00(g) Date Analyzed: 09/15/2011 10:21

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.: 86732 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	146		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Sep11/09-15-11/15sep11c.b/vf464514.d
Lab Smp Id: MB 460-85952/1-A
Inj Date : 15-SEP-2011 10:21
Operator : 615 Inst ID: PESTGC9.i
Smp Info : MB 460-85952/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Sep11/09-15-11/15sep11c.b/08Vf8082.m
Meth Date : 14-Sep-2011 15:38 sita Quant Type: ESTD
Cal Date : 19-AUG-2011 15:08 Cal File: vf463562.d
Als bottle: 24
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

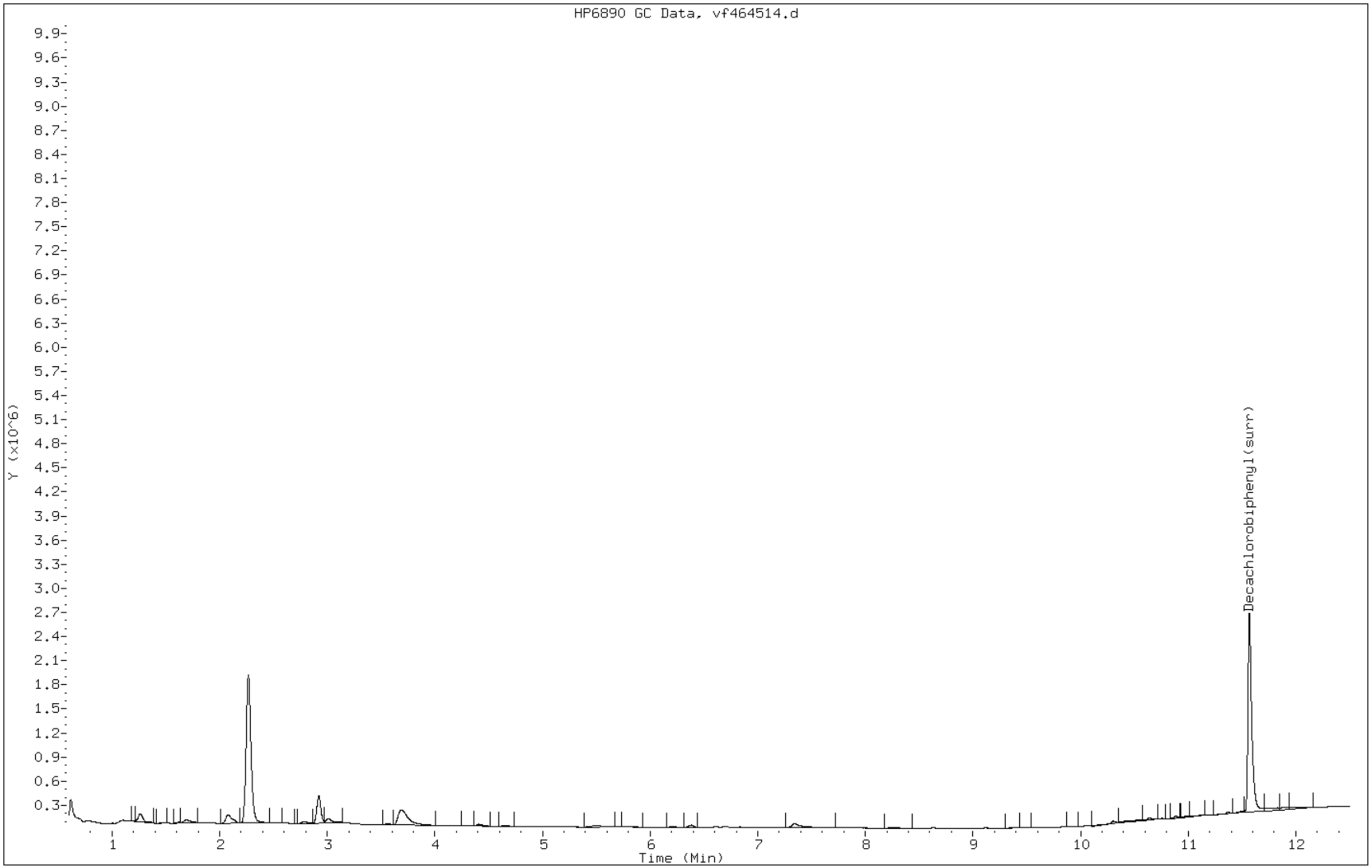
				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.568	11.552	0.016	6024958	72.9344	49	80.00- 120.00	100.00

Data File: vf464514.d

Date: 15-SEP-2011 10:21

Client ID: Instrument: PESTGC9.i

Sample Info: MB 460-85952/1-A Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-85952/1-A

Matrix: Solid Lab File ID: vr464514.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3541 Date Extracted: 09/14/2011 04:57

Sample wt/vol: 15.00(g) Date Analyzed: 09/15/2011 10:21

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.: 86732 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	67	U	67	13
11104-28-2	Aroclor 1221	67	U	67	20
11141-16-5	Aroclor 1232	67	U	67	38
53469-21-9	Aroclor 1242	67	U	67	13
12672-29-6	Aroclor 1248	67	U	67	18
11097-69-1	Aroclor 1254	67	U	67	23
11096-82-5	Aroclor 1260	67	U	67	7.5
37324-23-5	Aroclor 1262	67	U	67	12
11100-14-4	Aroclor 1268	67	U	67	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	149		30-150

Data File: vr464514.d
Report Date: 21-Sep-2011 10:29

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Sep11/09-15-11/15sep11c.b/vr464514.d
Lab Smp Id: MB 460-85952/1-A
Inj Date : 15-SEP-2011 10:21
Operator : 615 Inst ID: PESTGC9.i
Smp Info : MB 460-85952/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Sep11/09-15-11/15sep11c.b/08Vr8082.m
Meth Date : 17-Sep-2011 00:35 diazc Quant Type: ESTD
Cal Date : 30-AUG-2011 18:17 Cal File: vr463935.d
Als bottle: 24
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	
10.636	10.634	0.002	9142239	74.3568	50	80.00- 120.00	100.00(M)

QC Flag Legend

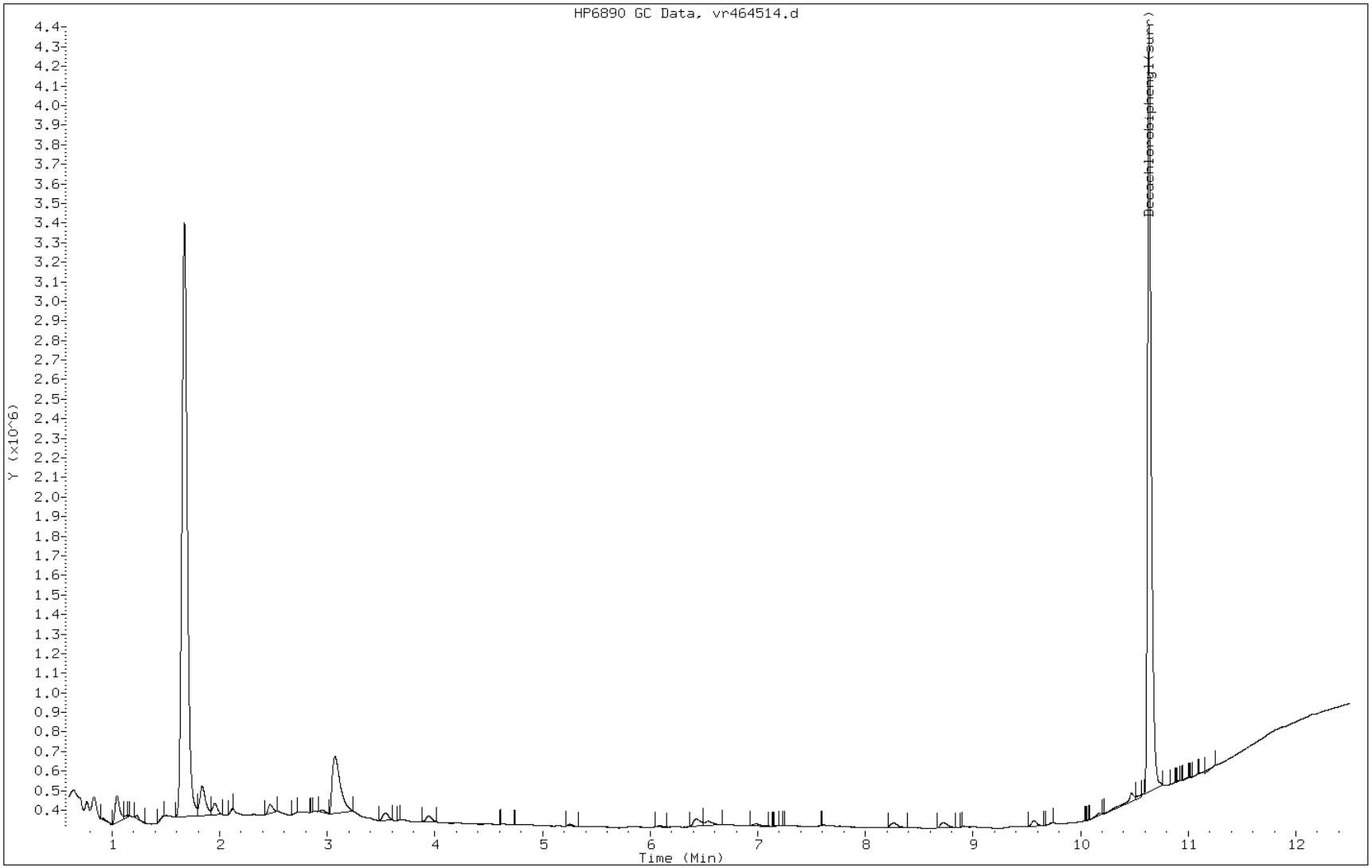
M - Compound response manually integrated.

Data File: vr464514.d

Date: 15-SEP-2011 10:21

Client ID: Instrument: PESTGC9.i

Sample Info: MB 460-85952/1-A Operator: 615



Manual Integration Report

Data File: vr464514.d
Inj. Date and Time: 15-SEP-2011 10:21
Instrument ID: PESTGC9.i
Client ID:
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 09/21/2011

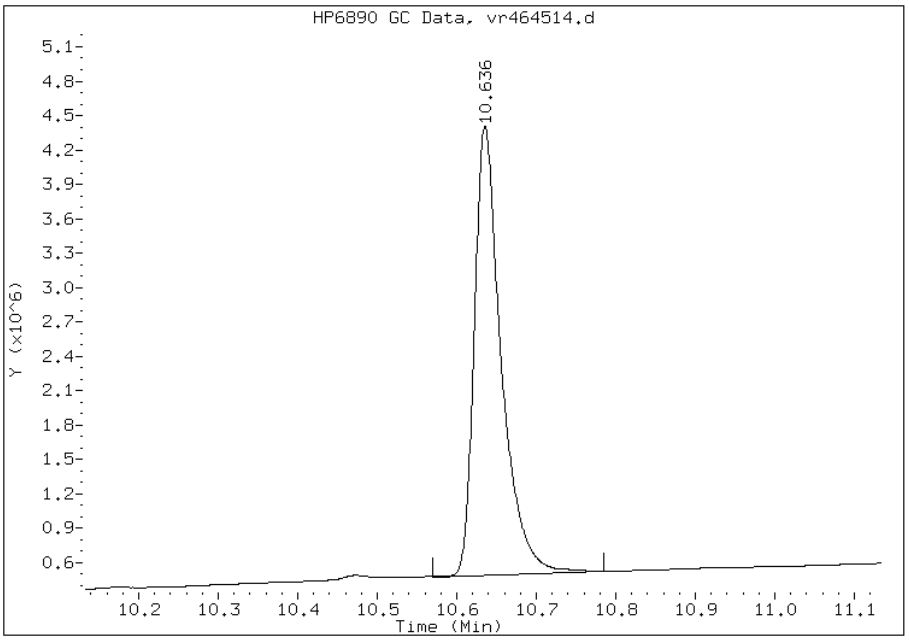
Processing Integration Results

RT: 10.64

Response: 9289724

Amount: 75.56

Conc: 50.37



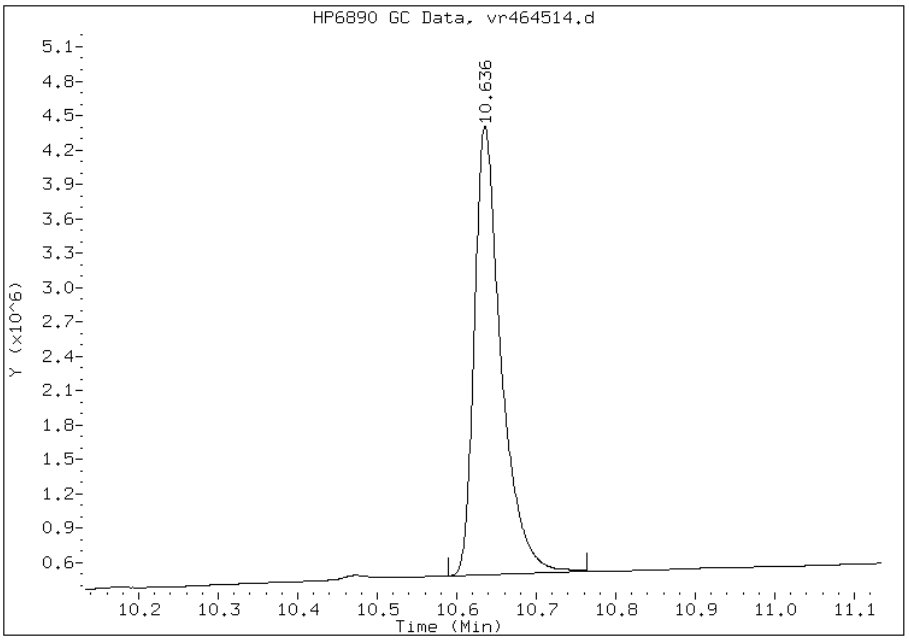
Manual Integration Results

RT: 10.64

Response: 9142239

Amount: 74.36

Conc: 49.57



Manually Integrated By: catalina
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-85953/1-A

Matrix: Solid Lab File ID: of177663.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3541 Date Extracted: 09/14/2011 05:06

Sample wt/vol: 15.00(g) Date Analyzed: 09/16/2011 14:59

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.: 86753 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	107		30-150

Data File: of177663.d
Report Date: 20-Sep-2011 16:13

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep11/09-15-11/15sep11f.b/of177663.d
Lab Smp Id: MB 460-85953/1-A
Inj Date : 16-SEP-2011 14:59
Operator : 615 Inst ID: PESTGC7.i
Smp Info : MB 460-85953/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Sep11/09-15-11/15sep11f.b/08Of8082.m
Meth Date : 20-Sep-2011 16:12 sita Quant Type: ESTD
Cal Date : 29-AUG-2011 12:45 Cal File: of176825.d
Als bottle: 97 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

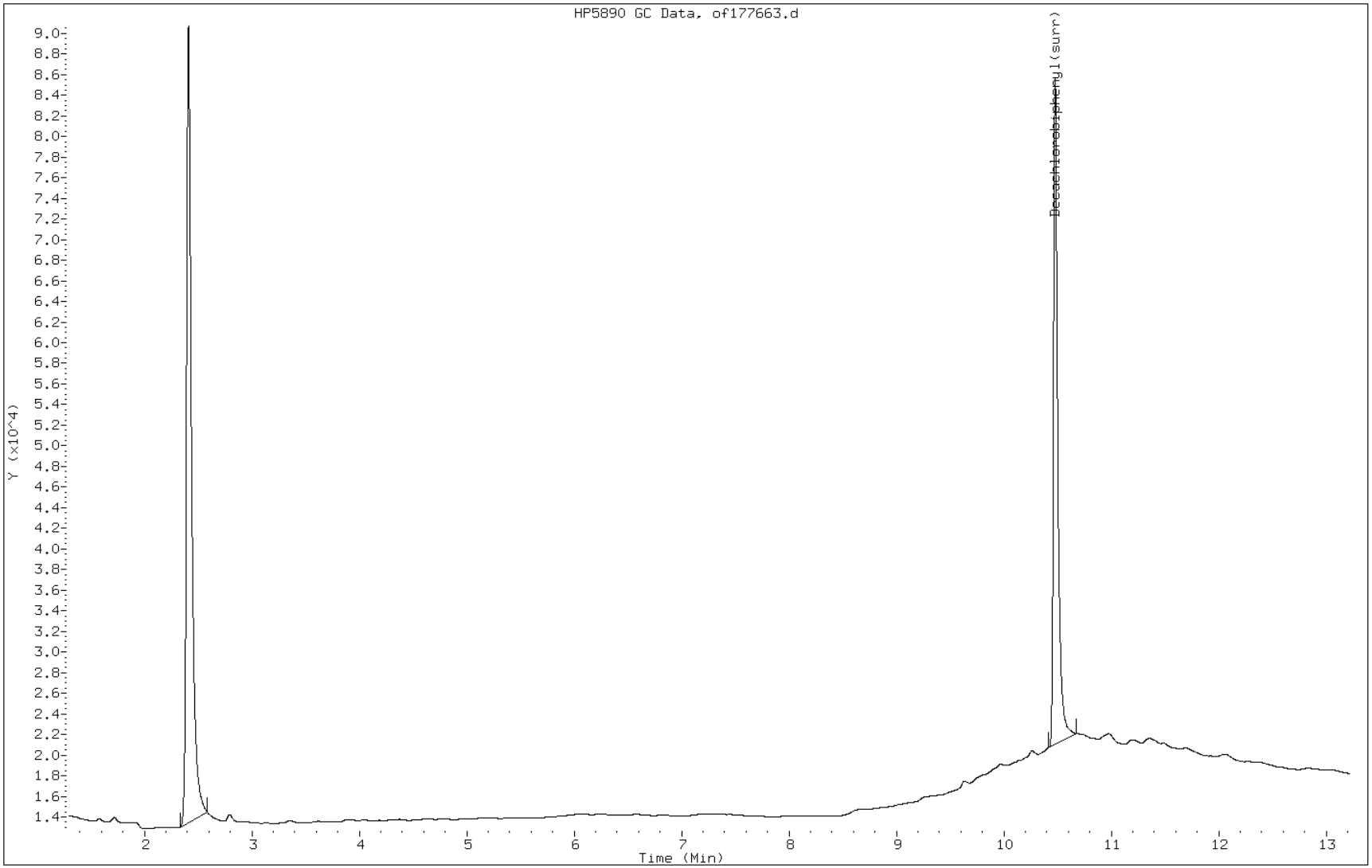
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.477	10.477	0.000	179219	53.7388	36	80.00- 120.00	100.00

Data File: of177663.d

Date: 16-SEP-2011 14:59

Client ID: Instrument: PESTGC7.i

Sample Info: MB 460-85953/1-A Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-85953/1-A

Matrix: Solid Lab File ID: or177663.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3541 Date Extracted: 09/14/2011 05:06

Sample wt/vol: 15.00(g) Date Analyzed: 09/16/2011 14:59

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.: 86753 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	67	U	67	13
11104-28-2	Aroclor 1221	67	U	67	20
11141-16-5	Aroclor 1232	67	U	67	38
53469-21-9	Aroclor 1242	67	U	67	13
12672-29-6	Aroclor 1248	67	U	67	18
11097-69-1	Aroclor 1254	67	U	67	23
11096-82-5	Aroclor 1260	67	U	67	7.5
37324-23-5	Aroclor 1262	67	U	67	12
11100-14-4	Aroclor 1268	67	U	67	12

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/Sep11/09-15-11/15sep11f.b/or177663.d
Lab Smp Id: MB 460-85953/1-A
Inj Date : 16-SEP-2011 14:59
Operator : 615 Inst ID: PESTGC7.i
Smp Info : MB 460-85953/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep11/09-15-11/15sep11f.b/08Or8082.m
Meth Date : 20-Sep-2011 16:06 sita Quant Type: ESTD
Cal Date : 29-AUG-2011 12:45 Cal File: or176825.d
Als bottle: 97 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

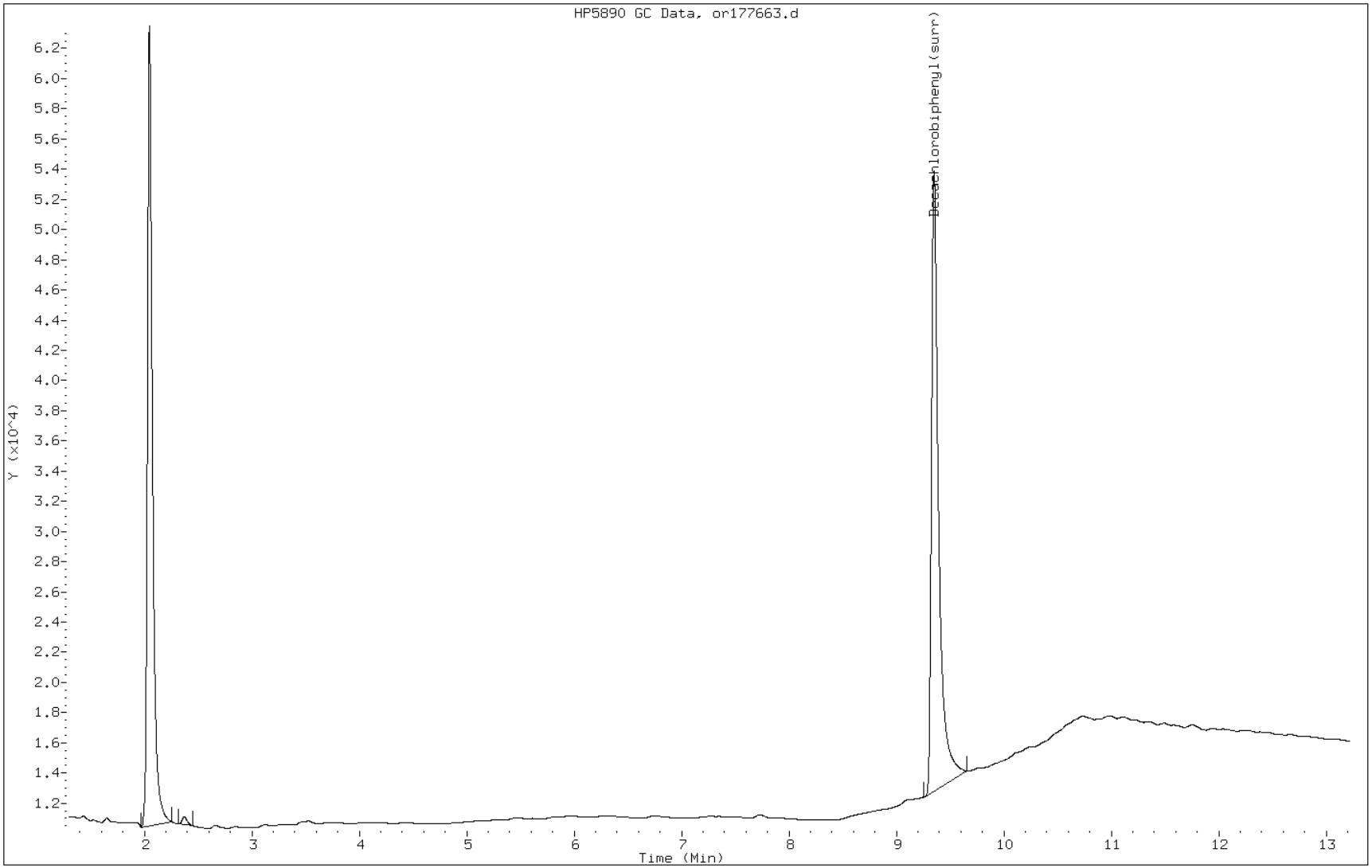
				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.350	9.350	0.000	191759	54.5131	36	80.00- 120.00	100.00

Data File: or177663.d

Date: 16-SEP-2011 14:59

Client ID: Instrument: PESTGC7.i

Sample Info: MB 460-85953/1-A Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-85730/2-A

Matrix: Water Lab File ID: of177414.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3510C Date Extracted: 09/12/2011 08:23

Sample wt/vol: 1000(mL) Date Analyzed: 09/13/2011 01:52

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.: 85904 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	4.49		0.50	0.13
11104-28-2	*Aroclor 1221*	*0.50*	*U*	*0.50*	*0.28*
11141-16-5	*Aroclor 1232*	*0.50*	*U*	*0.50*	*0.12*
53469-21-9	*Aroclor 1242*	*0.50*	*U*	*0.50*	*0.12*
12672-29-6	*Aroclor 1248*	*0.50*	*U*	*0.50*	*0.24*
11097-69-1	*Aroclor 1254*	*0.50*	*U*	*0.50*	*0.17*
11096-82-5	*Aroclor 1260*	*4.04*		*0.50*	*0.15*
37324-23-5	*Aroclor 1262*	*0.50*	*U*	*0.50*	*0.12*
11100-14-4	*Aroclor 1268*	*0.50*	*U*	*0.50*	*0.12*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	85		37-150

Data File: of177414.d
Report Date: 13-Sep-2011 11:40

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep11/09-12-11/12sep11a.b/of177414.d
Lab Smp Id: LCS 460-85730/2-A
Inj Date : 13-SEP-2011 01:52
Operator : 615 Inst ID: PESTGC7.i
Smp Info : LCS 460-85730/2-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Sep11/09-12-11/12sep11a.b/08Of8082.m
Meth Date : 13-Sep-2011 11:39 sita Quant Type: ESTD
Cal Date : 29-AUG-2011 12:45 Cal File: of176825.d
Als bottle: 85 QC Sample: BS
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		
2.902	2.900	0.002	69626	829.688	4.1	80.00- 120.00	100.00(M)
3.348	3.345	0.003	168218	814.661	4.1	205.87- 308.81	241.60
3.617	3.613	0.004	122395	1110.38	5.6	145.00- 217.50	175.79
3.887	3.878	0.009	204800	636.403	3.2	306.49- 459.74	294.14
4.040	4.037	0.003	167955	885.399	4.4	209.81- 314.72	241.22
4.330	4.325	0.005	116284	955.632	4.8	187.44- 281.16	167.01
4.612	4.605	0.007	98779	932.731	4.7	210.89- 316.33	141.87
4.772	4.765	0.007	164052	1017.38	5.1	183.27- 274.91	235.62
Average of Peak Concentrations =					4.5		
27 Aroclor-1260					CAS #: 11096-82-5		
6.245	6.238	0.007	247846	859.244	4.3	80.00- 120.00	100.00(M)
6.575	6.565	0.010	252302	791.771	4.0	90.06- 135.09	101.80

Data File: of177414.d
Report Date: 13-Sep-2011 11:40

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
7.182	7.168	0.014	283097	731.975	3.6	113.20- 169.80	114.22
7.357	7.347	0.010	205156	862.536	4.3	69.21- 103.81	82.78
7.457	7.452	0.005	177322	957.358	4.8	49.63- 74.44	71.55
7.978	7.967	0.011	171150	761.550	3.8	66.96- 100.45	69.05
9.260	9.247	0.013	186748	734.397	3.7	72.56- 108.84	75.35
9.965	9.955	0.010	86366	765.088	3.8	32.20- 48.31	34.85
		Average of Peak Concentrations =			4.0		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.480	10.475	0.005	282766	84.7873	0.42	80.00- 120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: of177414.d

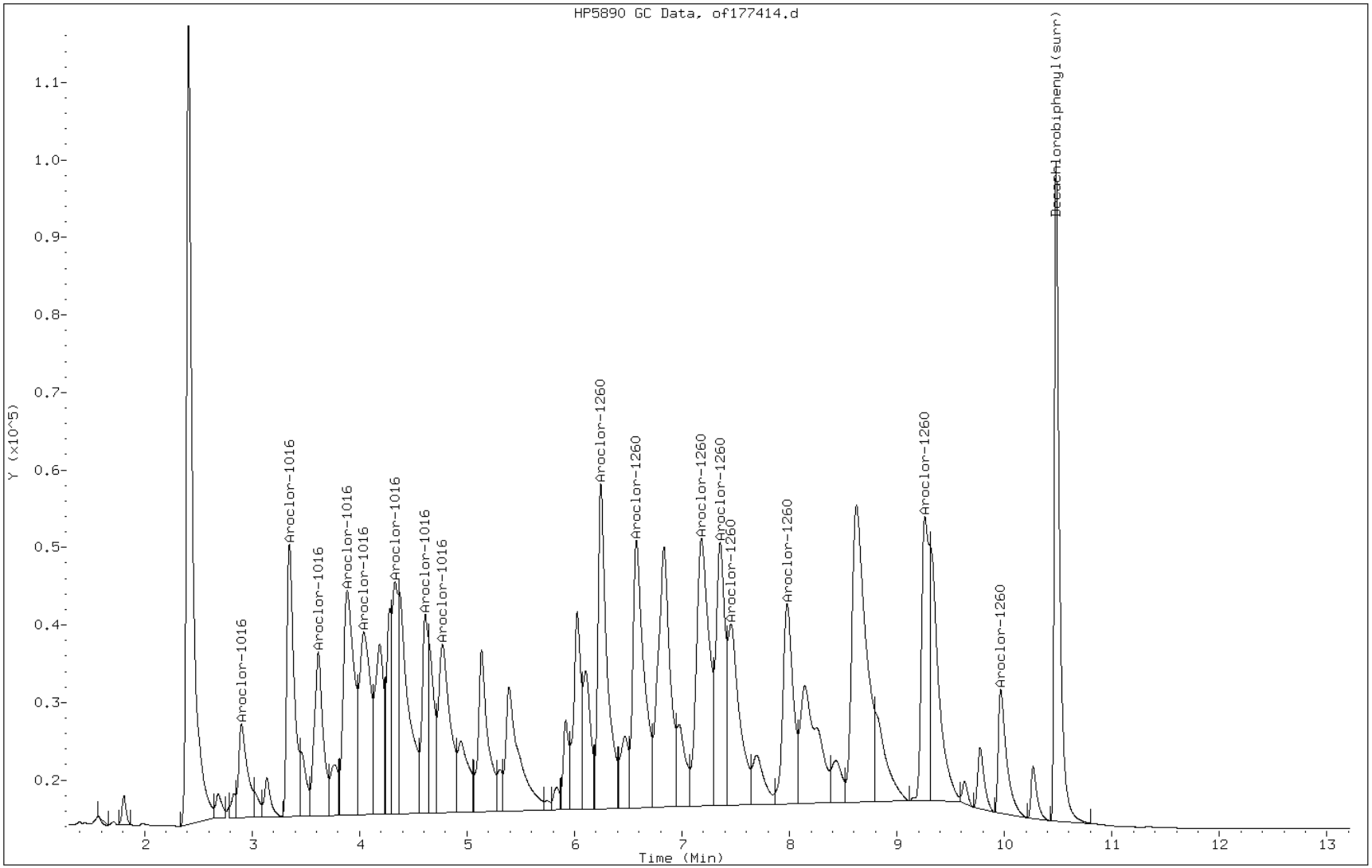
Date: 13-SEP-2011 01:52

Client ID:

Instrument: PESTGC7.i

Sample Info: LCS 460-85730/2-A

Operator: 615



Manual Integration Report

Data File: of177414.d
Inj. Date and Time: 13-SEP-2011 01:52
Instrument ID: PESTGC7.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 09/13/2011

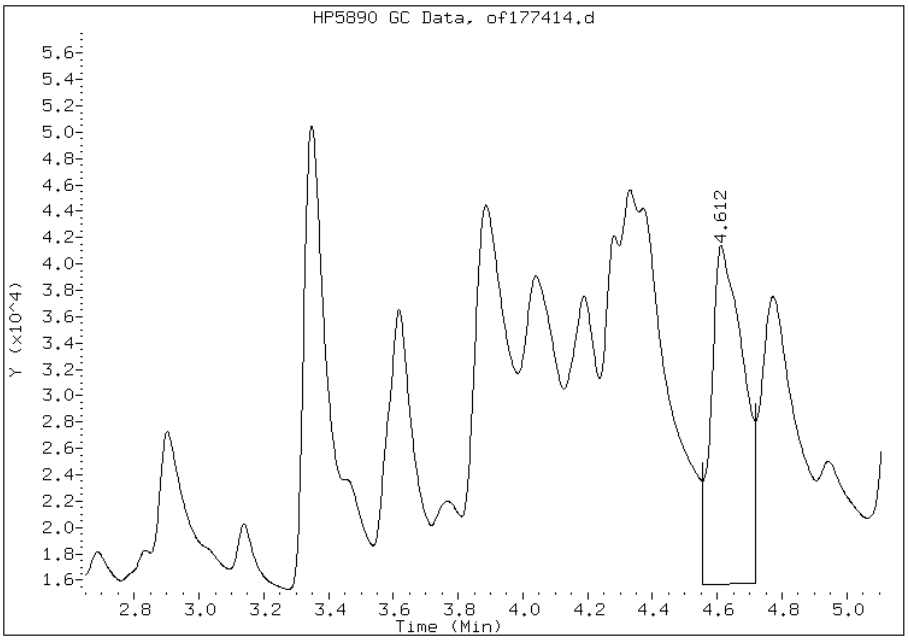
Processing Integration Results

RT: 4.61

Response: 177325

Amount: 990.50

Conc: 0.00



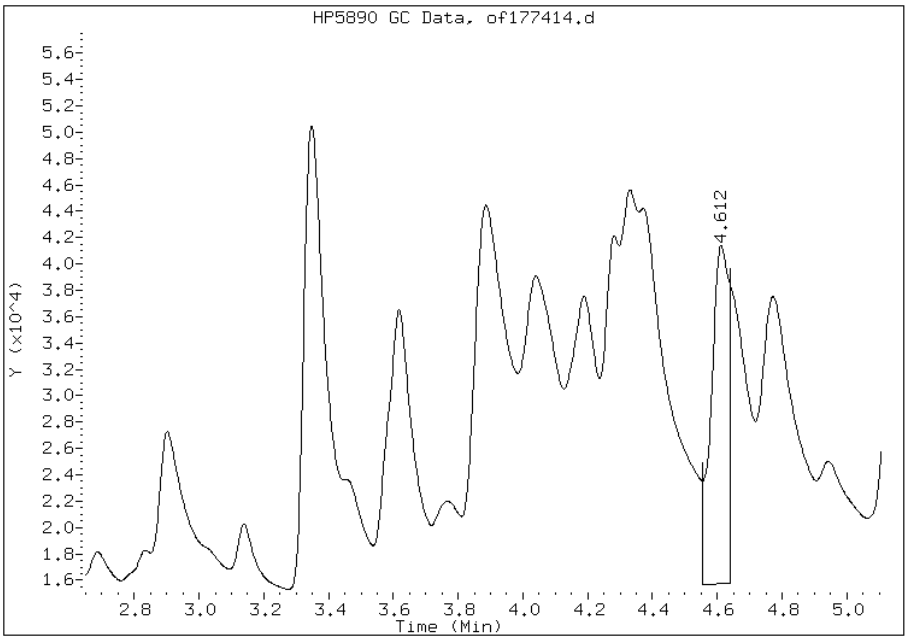
Manual Integration Results

RT: 4.61

Response: 98779

Amount: 897.78

Conc: 4.50



Manually Integrated By: sita
Manual Integration Reason:

Manual Integration Report

Data File: of177414.d
Inj. Date and Time: 13-SEP-2011 01:52
Instrument ID: PESTGC7.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/13/2011

Processing Integration Results

Not Detected

Expected RT: 6.24

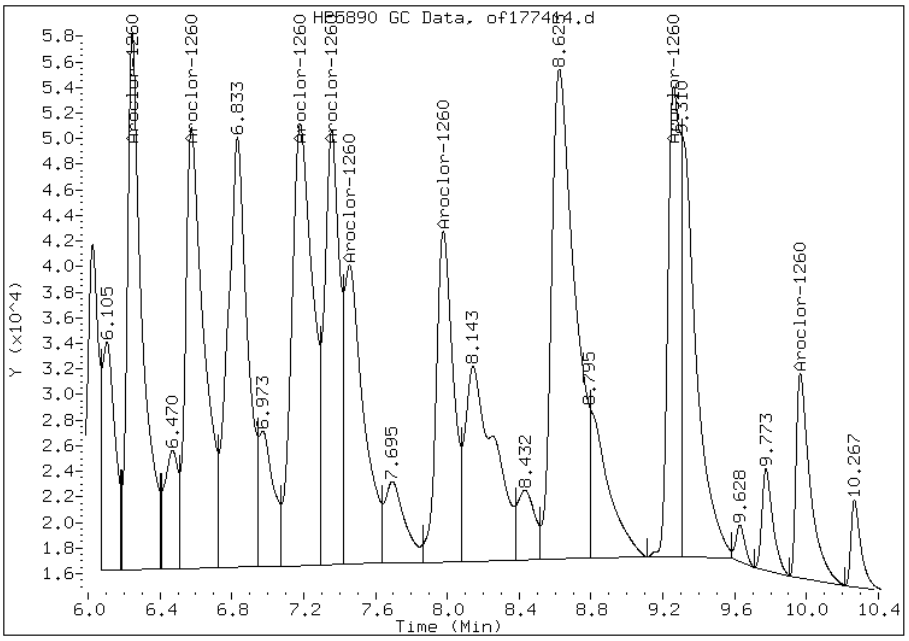
Manual Integration Results

RT: 6.25

Response: 247846

Amount: 807.99

Conc: 4.00



Manually Integrated By: sita
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-85730/2-A

Matrix: Water Lab File ID: or177414.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3510C Date Extracted: 09/12/2011 08:23

Sample wt/vol: 1000(mL) Date Analyzed: 09/13/2011 01:52

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.: 85904 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*4.07*		*0.50*	*0.13*
11104-28-2	Aroclor 1221	0.50	U	0.50	0.28
11141-16-5	Aroclor 1232	0.50	U	0.50	0.12
53469-21-9	Aroclor 1242	0.50	U	0.50	0.12
12672-29-6	Aroclor 1248	0.50	U	0.50	0.24
11097-69-1	Aroclor 1254	0.50	U	0.50	0.17
11096-82-5	Aroclor 1260	4.79		0.50	0.15
37324-23-5	Aroclor 1262	0.50	U	0.50	0.12
11100-14-4	Aroclor 1268	0.50	U	0.50	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	94		37-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep11/09-12-11/12sep11a.b/or177414.d
Lab Smp Id: LCS 460-85730/2-A
Inj Date : 13-SEP-2011 01:52
Operator : 615 Inst ID: PESTGC7.i
Smp Info : LCS 460-85730/2-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep11/09-12-11/12sep11a.b/08Or8082.m
Meth Date : 12-Sep-2011 14:52 sita Quant Type: ESTD
Cal Date : 29-AUG-2011 12:45 Cal File: or176825.d
Als bottle: 85 QC Sample: BS
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		
2.342	2.340	0.002	59043	725.021	3.6	80.00- 120.00	100.00(M)
2.658	2.657	0.001	111862	746.119	3.7	150.17- 225.26	189.46
2.850	2.847	0.003	92180	847.197	4.2	128.91- 193.37	156.12
3.118	3.117	0.001	195031	655.398	3.3	253.76- 380.64	330.32
3.265	3.262	0.003	98350	845.760	4.2	140.63- 210.94	166.57
3.463	3.462	0.001	113693	819.134	4.1	129.23- 193.85	192.56
3.693	3.690	0.003	111349	909.643	4.5	140.88- 211.32	188.59
3.803	3.795	0.008	49273	965.912	4.8	55.53- 83.30	83.45
		Average of Peak Concentrations =			4.1		
27 Aroclor-1260					CAS #: 11096-82-5		
5.098	5.095	0.003	168932	911.064	4.6	80.00- 120.00	100.00(M)
5.452	5.448	0.004	253788	828.864	4.1	117.18- 175.76	150.23

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
5.808	5.803	0.005	213498	793.617	4.0	96.54- 144.80	126.38
5.928	5.925	0.003	153202	1033.74	5.2	52.15- 78.23	90.69
6.255	6.252	0.003	132603	996.379	5.0	53.85- 80.78	78.49
6.732	6.727	0.005	367686	986.237	4.9	150.02- 225.02	217.65
7.348	7.345	0.003	190041	1245.93	6.2	64.81- 97.21	112.50
8.582	8.577	0.005	80465	874.819	4.4	38.03- 57.04	47.63
		Average of Peak Concentrations =			4.8		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.350	9.347	0.003	331379	94.2041	0.47	80.00- 120.00	100.00

QC Flag Legend

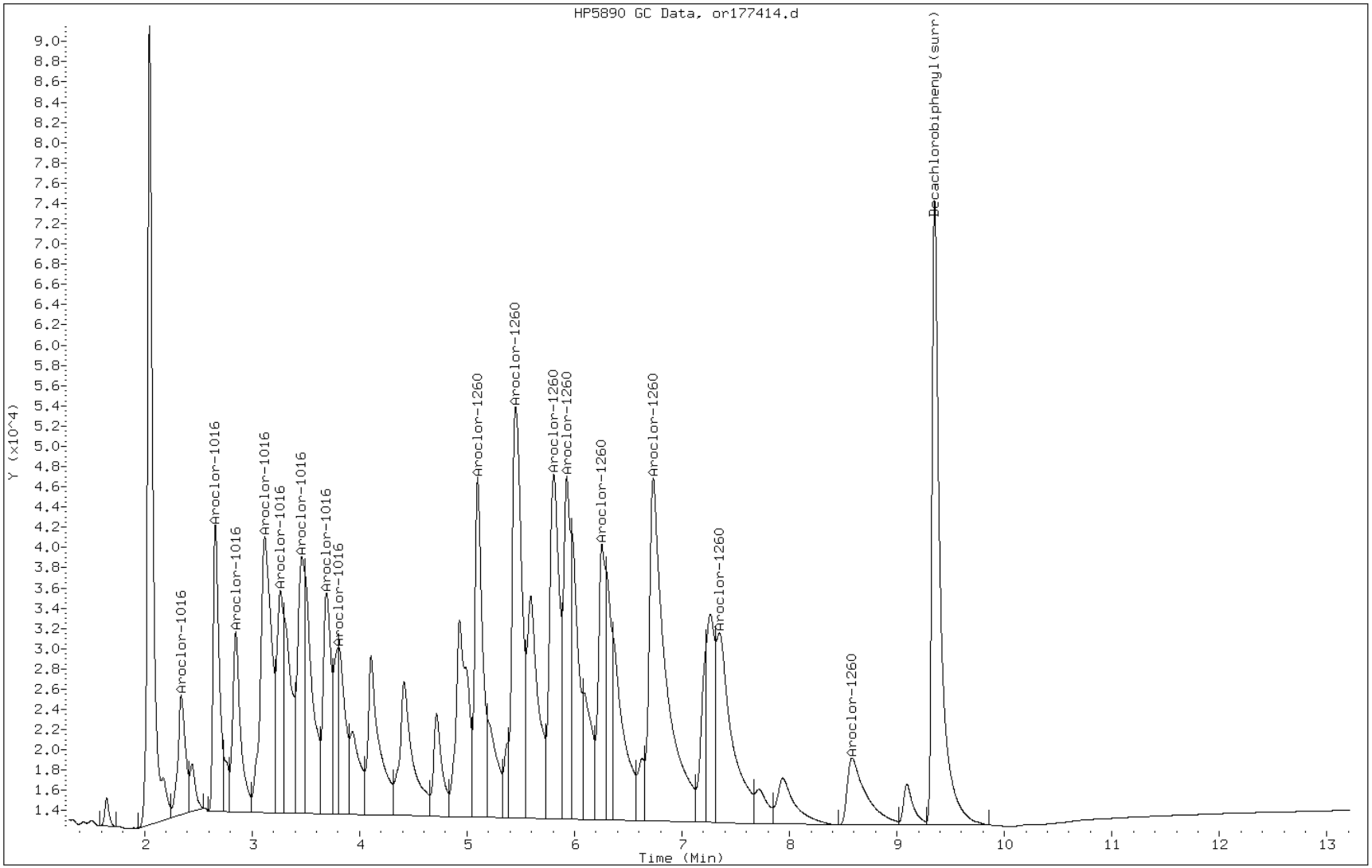
M - Compound response manually integrated.

Data File: or177414.d

Date: 13-SEP-2011 01:52

Client ID: Instrument: PESTGC7.i

Sample Info: LCS 460-85730/2-A Operator: 615



Manual Integration Report

Data File: or177414.d
Inj. Date and Time: 13-SEP-2011 01:52
Instrument ID: PESTGC7.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 09/13/2011

Processing Integration Results

Not Detected

Expected RT: 2.34

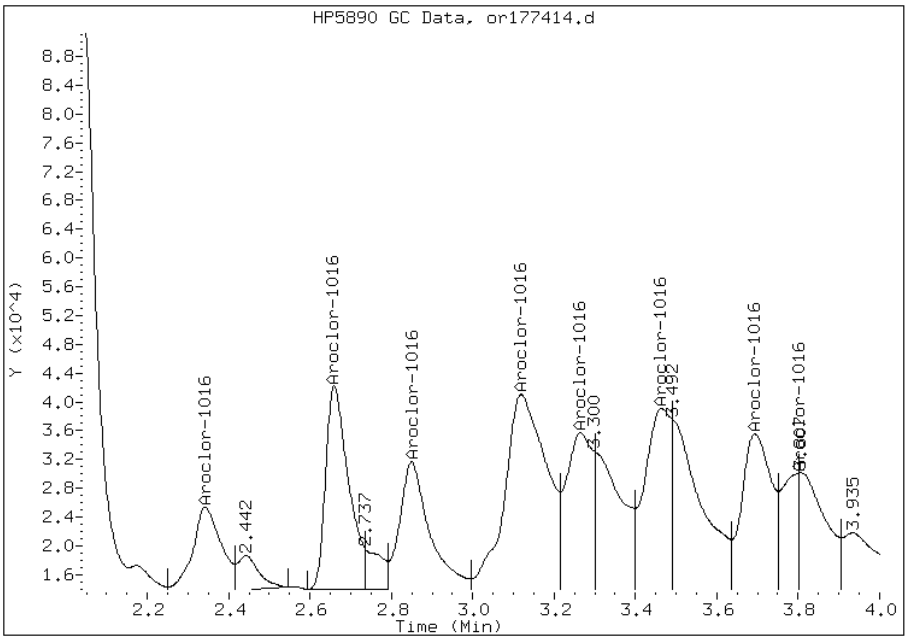
Manual Integration Results

RT: 2.34

Response: 59043

Amount: 814.27

Conc: 4.10



Manually Integrated By: sita
Manual Integration Reason:

Manual Integration Report

Data File: or177414.d
Inj. Date and Time: 13-SEP-2011 01:52
Instrument ID: PESTGC7.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/13/2011

Processing Integration Results

Not Detected

Expected RT: 5.09

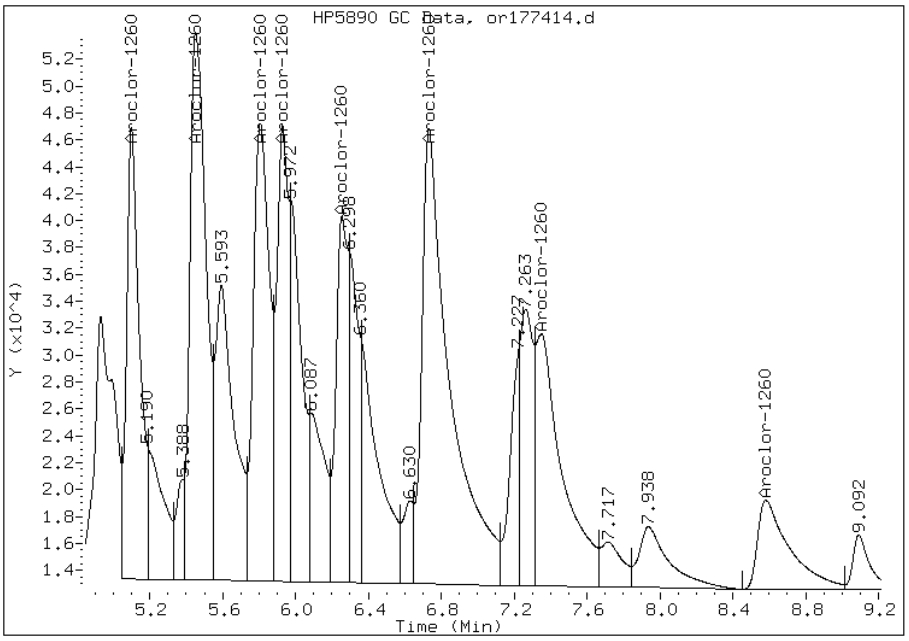
Manual Integration Results

RT: 5.10

Response: 168932

Amount: 958.83

Conc: 4.80



Manually Integrated By: sita
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-85952/2-A

Matrix: Solid Lab File ID: vf464515.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3541 Date Extracted: 09/14/2011 04:57

Sample wt/vol: 15.00(g) Date Analyzed: 09/15/2011 10:37

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.: 86732 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	458		67	13
11104-28-2	*Aroclor 1221*	*67*	*U*	*67*	*20*
11141-16-5	*Aroclor 1232*	*67*	*U*	*67*	*38*
53469-21-9	*Aroclor 1242*	*67*	*U*	*67*	*13*
12672-29-6	*Aroclor 1248*	*67*	*U*	*67*	*18*
11097-69-1	*Aroclor 1254*	*67*	*U*	*67*	*23*
11096-82-5	*Aroclor 1260*	*414*		*67*	*7.5*
37324-23-5	*Aroclor 1262*	*67*	*U*	*67*	*12*
11100-14-4	*Aroclor 1268*	*67*	*U*	*67*	*12*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	140		30-150

Data File: vf464515.d
Report Date: 18-Sep-2011 16:59

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Sep11/09-15-11/15sep11c.b/vf464515.d
Lab Smp Id: LCS 460-85952/2-
Inj Date : 15-SEP-2011 10:37
Operator : 615 Inst ID: PESTGC9.i
Smp Info : LCS 460-85952/2-
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Sep11/09-15-11/15sep11c.b/08Vf8082.m
Meth Date : 14-Sep-2011 15:38 sita Quant Type: ESTD
Cal Date : 19-AUG-2011 15:08 Cal File: vf463562.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

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		
2.969	2.972	-0.003	1536050	722.498	480	80.00- 120.00	100.00(M)
3.654	3.658	-0.004	3019122	709.067	470	157.43- 236.14	196.55
4.096	4.100	-0.004	1298051	685.683	460	107.50- 161.25	84.51
4.498	4.503	-0.005	6019435	676.673	450	305.42- 458.13	391.88
4.743	4.747	-0.004	2729929	667.916	440	145.08- 217.62	177.72
5.178	5.182	-0.004	1564205	670.446	450	86.48- 129.71	101.83
5.565	5.569	-0.004	1905171	645.530	430	148.35- 222.52	124.03
5.774	5.779	-0.005	1883227	714.480	480	109.17- 163.75	122.60
		Average of Peak Concentrations =			460		
27 Aroclor-1260					CAS #: 11096-82-5		
7.476	7.480	-0.004	2026161	670.223	450	80.00- 120.00	100.00

Data File: vf464515.d
Report Date: 18-Sep-2011 16:59

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
7.789	7.793	-0.004	4146686	647.859	430	160.78- 241.17	204.66
8.255	8.260	-0.005	4991478	649.553	430	190.41- 285.61	246.35
9.373	9.378	-0.005	3166980	604.800	400	138.90- 208.35	156.30
9.494	9.499	-0.005	1611890	584.999	390	74.01- 111.02	79.55
9.939	9.943	-0.004	2933962	630.335	420	127.39- 191.08	144.80
10.302	10.305	-0.003	6355833	574.812	380	259.36- 389.04	313.69
11.122	11.113	0.009	1629626	600.698	400	63.55- 95.33	80.43
Average of Peak Concentrations =					410		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.570	11.552	0.018	5786098	70.0430	47	80.00- 120.00	100.00

QC Flag Legend

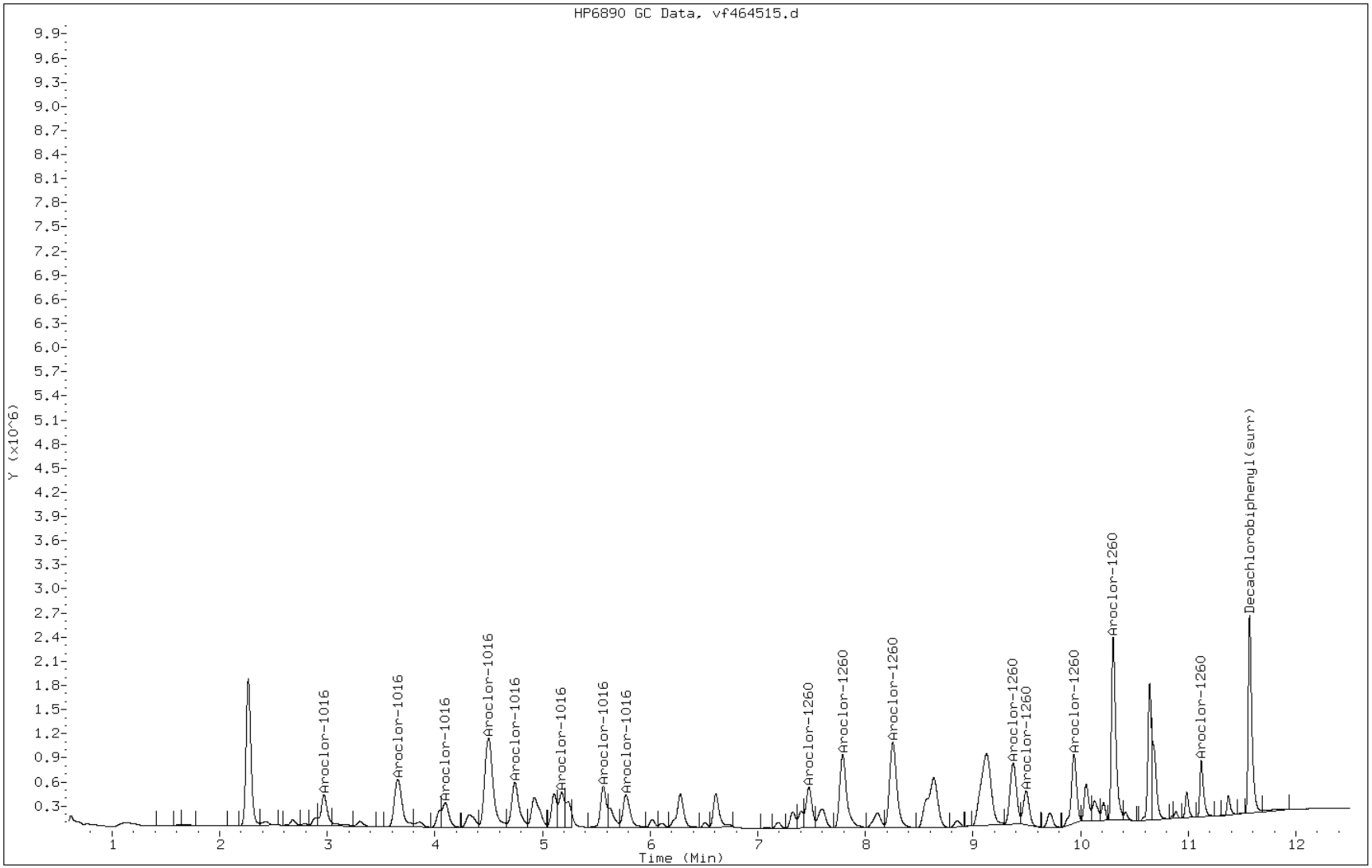
M - Compound response manually integrated.

Data File: vf464515.d

Date: 15-SEP-2011 10:37

Client ID: Instrument: PESTGC9.i

Sample Info: LCS 460-85952/2- Operator: 615



Manual Integration Report

Data File: vf464515.d
Inj. Date and Time: 15-SEP-2011 10:37
Instrument ID: PESTGC9.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 09/20/2011

Processing Integration Results

Not Detected

Expected RT: 2.97

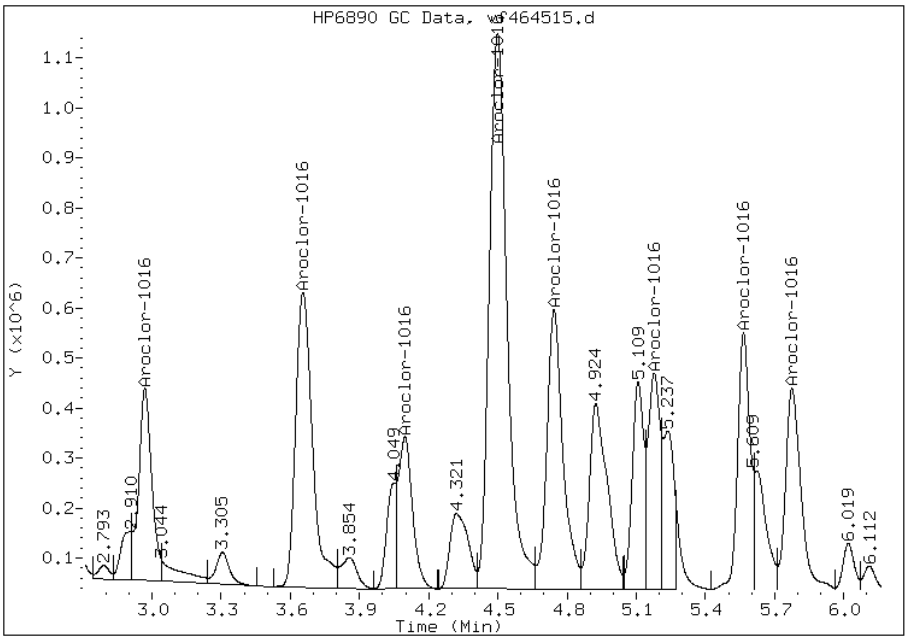
Manual Integration Results

RT: 2.97

Response: 1536050

Amount: 686.54

Conc: 460.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-85952/2-A

Matrix: Solid Lab File ID: vr464515.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3541 Date Extracted: 09/14/2011 04:57

Sample wt/vol: 15.00(g) Date Analyzed: 09/15/2011 10:37

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.: 86732 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*456*		*67*	*13*
11104-28-2	Aroclor 1221	67	U	67	20
11141-16-5	Aroclor 1232	67	U	67	38
53469-21-9	Aroclor 1242	67	U	67	13
12672-29-6	Aroclor 1248	67	U	67	18
11097-69-1	Aroclor 1254	67	U	67	23
11096-82-5	Aroclor 1260	425		67	7.5
37324-23-5	Aroclor 1262	67	U	67	12
11100-14-4	Aroclor 1268	67	U	67	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	150		30-150

Data File: vr464515.d
Report Date: 20-Sep-2011 23:36

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Sep11/09-15-11/15sep11c.b/vr464515.d
Lab Smp Id: LCS 460-85952/2-
Inj Date : 15-SEP-2011 10:37
Operator : 615 Inst ID: PESTGC9.i
Smp Info : LCS 460-85952/2-
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Sep11/09-15-11/15sep11c.b/08Vr8082.m
Meth Date : 17-Sep-2011 00:35 diazc Quant Type: ESTD
Cal Date : 30-AUG-2011 18:17 Cal File: vr463935.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

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		
2.104	2.105	-0.001	2275864	626.676	420	80.00- 120.00	100.00(M)
2.543	2.543	0.000	4197336	661.479	440	148.55- 222.82	184.43
2.792	2.792	0.000	2925851	721.285	480	99.20- 148.81	128.56
3.149	3.151	-0.002	9227565	648.630	430	313.75- 470.63	405.45
3.353	3.354	-0.001	3658524	677.968	450	129.20- 193.80	160.75
3.447	3.449	-0.002	2414361	699.412	470	82.15- 123.22	106.09
4.060	4.061	-0.001	3513711	698.148	460	128.20- 192.30	154.39
4.208	4.210	-0.002	1838266	737.604	490	59.74- 89.61	80.77
		Average of Peak Concentrations =			460		
27 Aroclor-1260					CAS #: 11096-82-5		
6.089	6.087	0.002	5384622	652.712	440	80.00- 120.00	100.00(H)

Data File: vr464515.d
Report Date: 20-Sep-2011 23:36

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.541	6.540	0.001	10052630	636.327	420	147.37- 221.06	186.69
6.984	6.984	0.000	8921415	626.236	420	134.18- 201.27	165.68
7.182	7.180	0.002	5093032	643.251	430	77.03- 115.55	94.58
7.619	7.618	0.001	4412202	608.833	400	65.85- 98.78	81.94
8.916	8.918	-0.002	4955022	615.164	410	69.60- 104.40	92.02
9.016	9.014	0.002	3159072	661.176	440	49.68- 74.52	58.67
9.133	9.134	-0.001	3570280	655.806	440	57.92- 86.89	66.31
Average of Peak Concentrations =					420		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.636	10.634	0.002	9234807	75.1097	50	80.00- 120.00	100.00(R)

QC Flag Legend

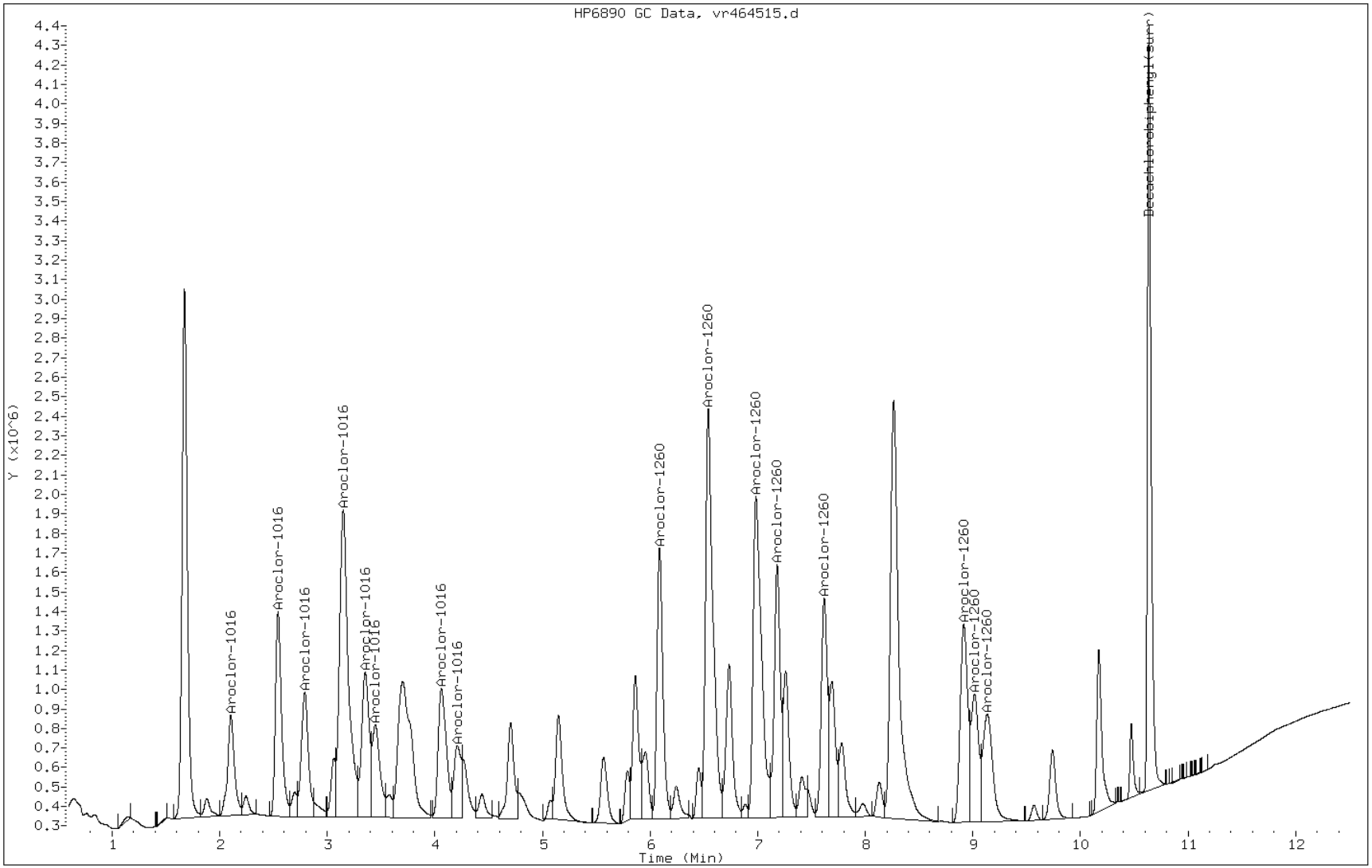
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: vr464515.d

Date: 15-SEP-2011 10:37

Client ID: Instrument: PESTGC9.i

Sample Info: LCS 460-85952/2- Operator: 615



Manual Integration Report

Data File: vr464515.d
Inj. Date and Time: 15-SEP-2011 10:37
Instrument ID: PESTGC9.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 09/20/2011

Processing Integration Results

Not Detected

Expected RT: 2.11

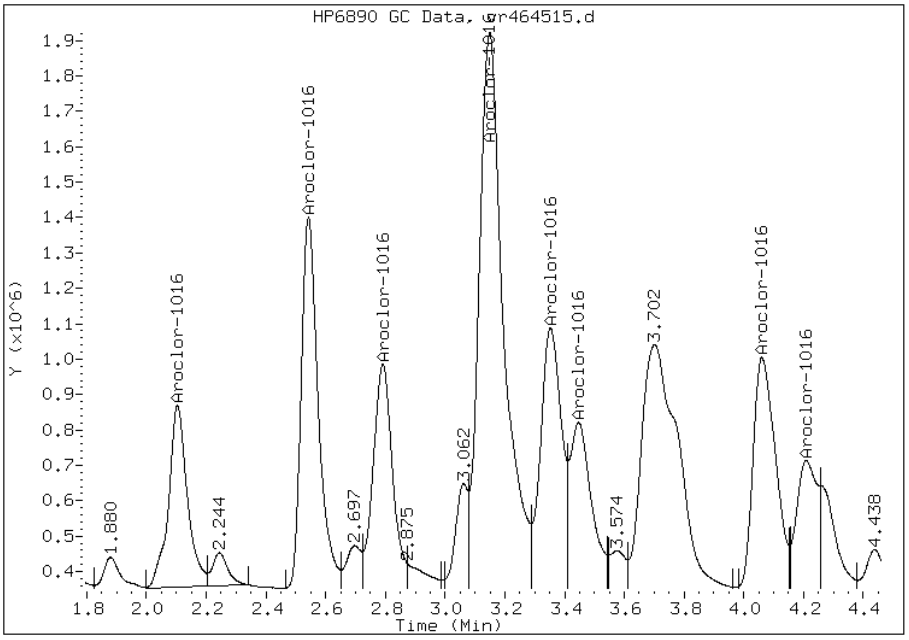
Manual Integration Results

RT: 2.10

Response: 2275864

Amount: 683.90

Conc: 460.00



Manually Integrated By: diazc
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-85953/2-A

Matrix: Solid Lab File ID: of177664.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3541 Date Extracted: 09/14/2011 05:06

Sample wt/vol: 15.00(g) Date Analyzed: 09/16/2011 15:16

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.: 86753 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	379		67	13
11104-28-2	*Aroclor 1221*	*67*	*U*	*67*	*20*
11141-16-5	*Aroclor 1232*	*67*	*U*	*67*	*38*
53469-21-9	*Aroclor 1242*	*67*	*U*	*67*	*13*
12672-29-6	*Aroclor 1248*	*67*	*U*	*67*	*18*
11097-69-1	*Aroclor 1254*	*67*	*U*	*67*	*23*
11096-82-5	*Aroclor 1260*	*337*		*67*	*7.5*
37324-23-5	*Aroclor 1262*	*67*	*U*	*67*	*12*
11100-14-4	*Aroclor 1268*	*67*	*U*	*67*	*12*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	111		30-150

Data File: of177664.d
Report Date: 21-Sep-2011 10:07

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep11/09-15-11/15sep11f.b/of177664.d
Lab Smp Id: LCS 460-85953/2-A
Inj Date : 16-SEP-2011 15:16
Operator : 615 Inst ID: PESTGC7.i
Smp Info : LCS 460-85953/2-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Sep11/09-15-11/15sep11f.b/08Of8082.m
Meth Date : 20-Sep-2011 16:12 sita Quant Type: ESTD
Cal Date : 29-AUG-2011 12:45 Cal File: of176825.d
Als bottle: 98 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		
2.903	2.895	0.008	45046	536.784	360	80.00- 120.00	100.00(M)
3.347	3.338	0.009	112407	544.374	360	196.94- 295.41	249.54
3.615	3.608	0.007	63514	576.204	380	139.54- 209.32	141.00
3.882	3.873	0.009	159113	494.433	330	301.76- 452.64	353.22
4.038	4.032	0.006	109194	575.632	380	194.46- 291.70	242.41
4.328	4.322	0.006	76836	631.445	420	136.26- 204.38	170.57
4.608	4.602	0.006	63052	595.375	400	103.64- 155.45	139.97
4.768	4.760	0.008	95648	593.171	400	170.85- 256.28	212.33
Average of Peak Concentrations =					380		
27 Aroclor-1260					CAS #: 11096-82-5		
6.243	6.237	0.006	153753	533.038	360	80.00- 120.00	100.00(M)

Data File: of177664.d
Report Date: 21-Sep-2011 10:07

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.572	6.565	0.007	165626	519.766	350	88.14- 132.21	107.72
7.178	7.170	0.008	191561	495.300	330	107.19- 160.78	124.59
7.353	7.347	0.006	126095	530.140	350	68.00- 102.00	82.01
7.457	7.452	0.005	96329	520.078	350	50.19- 75.28	62.65
7.973	7.967	0.006	112111	498.850	330	61.42- 92.14	72.92
9.253	9.250	0.003	124974	491.468	330	70.81- 106.21	81.28
9.960	9.958	0.002	52080	461.359	310	31.49- 47.24	33.87
		Average of Peak Concentrations =			340		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.477	10.477	0.000	185273	55.5541	37	80.00- 120.00	100.00

QC Flag Legend

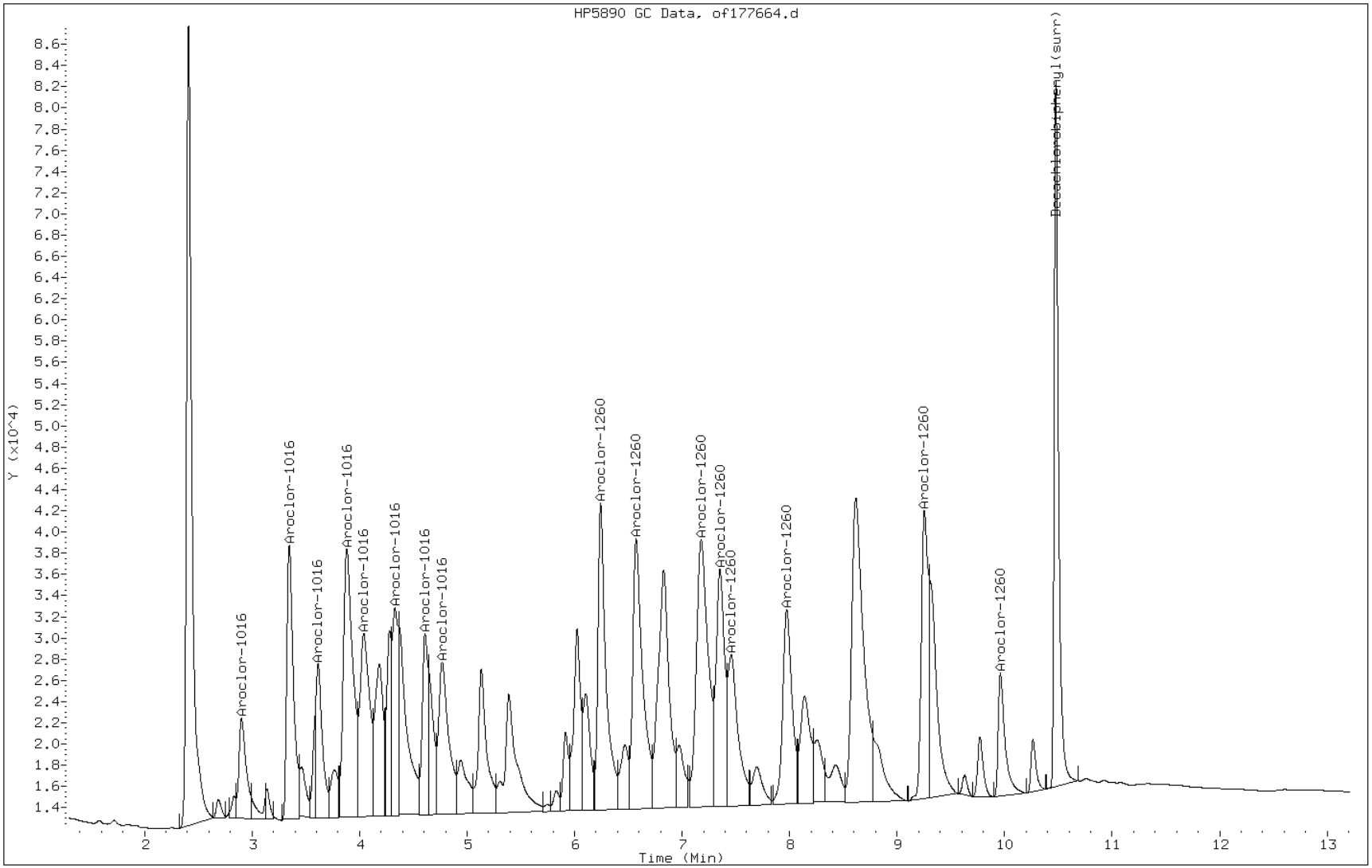
M - Compound response manually integrated.

Data File: of177664.d

Date: 16-SEP-2011 15:16

Client ID: Instrument: PESTGC7.i

Sample Info: LCS 460-85953/2-A Operator: 615



Manual Integration Report

Data File: of177664.d
Inj. Date and Time: 16-SEP-2011 15:16
Instrument ID: PESTGC7.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 09/21/2011

Processing Integration Results

Not Detected

Expected RT: 2.90

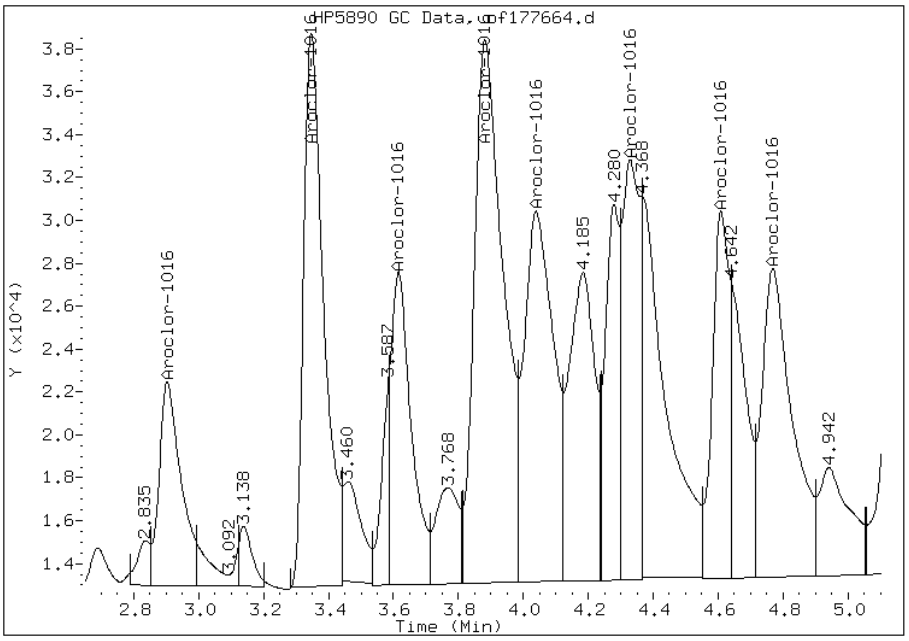
Manual Integration Results

RT: 2.90

Response: 45046

Amount: 568.43

Conc: 380.00



Manually Integrated By: sita
Manual Integration Reason:

Manual Integration Report

Data File: of177664.d
Inj. Date and Time: 16-SEP-2011 15:16
Instrument ID: PESTGC7.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/21/2011

Processing Integration Results

Not Detected

Expected RT: 6.24

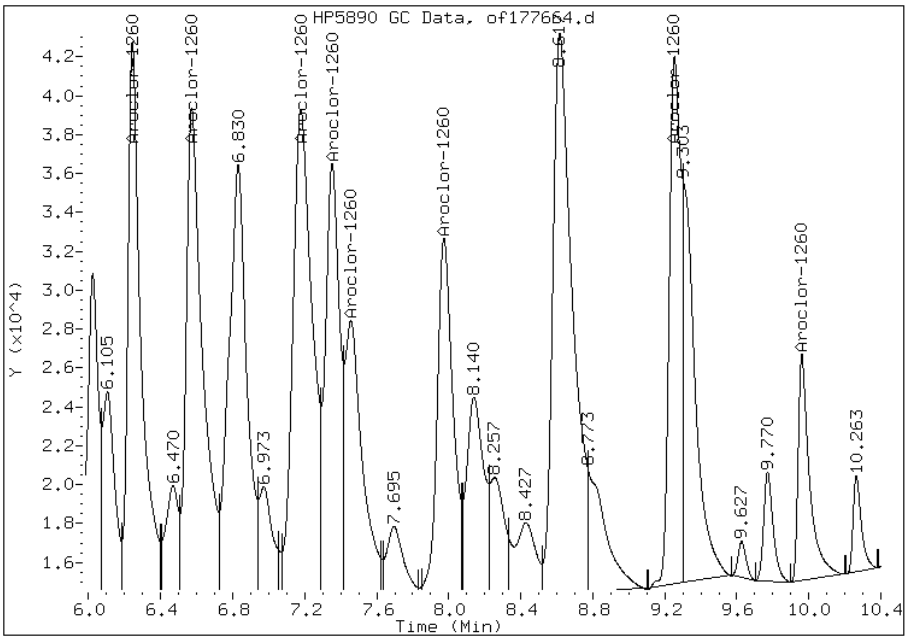
Manual Integration Results

RT: 6.24

Response: 153753

Amount: 506.25

Conc: 340.00



Manually Integrated By: sita
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-85953/2-A

Matrix: Solid | Lab File ID: or177664.d

Analysis Method: 8082 | Date Collected:

Extraction Method: 3541 | Date Extracted: 09/14/2011 05:06

Sample wt/vol: 15.00(g) | Date Analyzed: 09/16/2011 15:16

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.: 86753 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*340*		*67*	*13*
11104-28-2	Aroclor 1221	67	U	67	20
11141-16-5	Aroclor 1232	67	U	67	38
53469-21-9	Aroclor 1242	67	U	67	13
12672-29-6	Aroclor 1248	67	U	67	18
11097-69-1	Aroclor 1254	67	U	67	23
11096-82-5	Aroclor 1260	358		67	7.5
37324-23-5	Aroclor 1262	67	U	67	12
11100-14-4	Aroclor 1268	67	U	67	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	116		30-150

Data File: or177664.d
Report Date: 21-Sep-2011 10:15

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep11/09-15-11/15sep11f.b/or177664.d
Lab Smp Id: LCS 460-85953/2-A
Inj Date : 16-SEP-2011 15:16
Operator : 615 Inst ID: PESTGC7.i
Smp Info : LCS 460-85953/2-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep11/09-15-11/15sep11f.b/08Or8082.m
Meth Date : 21-Sep-2011 10:15 ferdie Quant Type: ESTD
Cal Date : 29-AUG-2011 12:45 Cal File: or176825.d
Als bottle: 98 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		
2.342	2.338	0.004	40129	492.766	330	80.00- 120.00	100.00(M)
2.658	2.655	0.003	78216	521.700	350	157.56- 236.33	194.91
2.848	2.845	0.003	60999	560.622	370	122.71- 184.07	152.01
3.118	3.113	0.005	131374	441.480	290	277.39- 416.08	327.38
3.262	3.257	0.005	56656	487.213	320	125.99- 188.98	141.18
3.463	3.460	0.003	68423	492.973	330	266.22- 399.33	170.51
3.693	3.688	0.005	67196	548.944	360	132.96- 199.44	167.45
3.798	3.800	-0.002	27345	536.052	360	64.48- 96.72	68.14
Average of Peak Concentrations =					340		
27 Aroclor-1260					CAS #: 11096-82-5		
5.098	5.095	0.003	99632	537.323	360	80.00- 120.00	100.00(M)

Data File: or177664.d
Report Date: 21-Sep-2011 10:15

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
5.455	5.447	0.008	160033	522.663	350	106.60- 159.90	160.62
5.810	5.802	0.008	129151	480.082	320	84.92- 127.39	129.63
5.930	5.925	0.005	89354	602.920	400	54.90- 82.35	89.68
6.258	6.252	0.006	63974	480.701	320	38.30- 57.45	64.21
6.738	6.730	0.008	202742	543.811	360	124.45- 186.68	203.49
7.353	7.348	0.005	102966	675.055	450	51.64- 77.46	103.35
8.590	8.583	0.007	41640	452.712	300	29.96- 44.94	41.79
		Average of Peak Concentrations =			360		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.352	9.350	0.002	204182	58.0447	39	80.00- 120.00	100.00(H)

QC Flag Legend

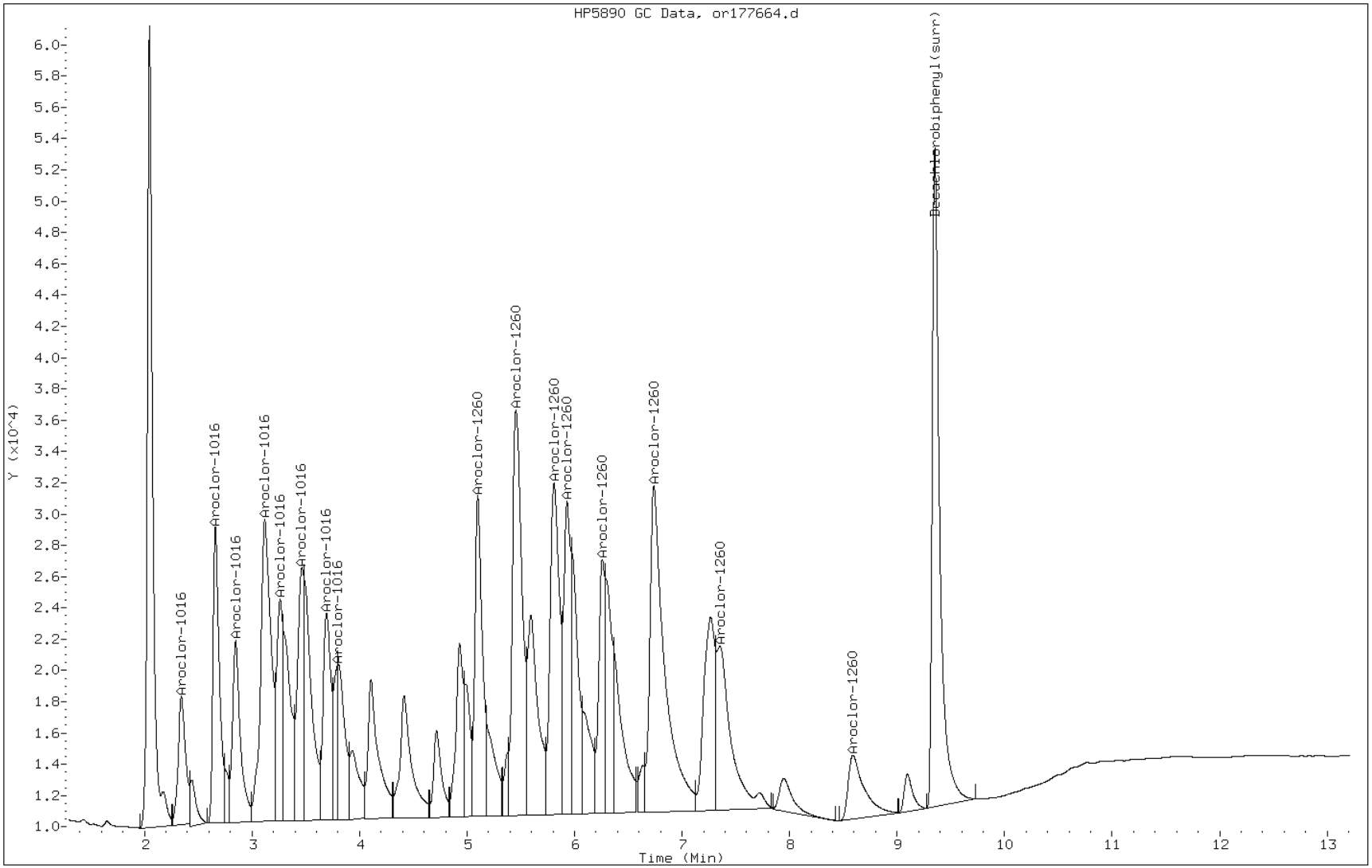
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: or177664.d

Date: 16-SEP-2011 15:16

Client ID: Instrument: PESTGC7.i

Sample Info: LCS 460-85953/2-A Operator: 615



Manual Integration Report

Data File: or177664.d
Inj. Date and Time: 16-SEP-2011 15:16
Instrument ID: PESTGC7.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 09/21/2011

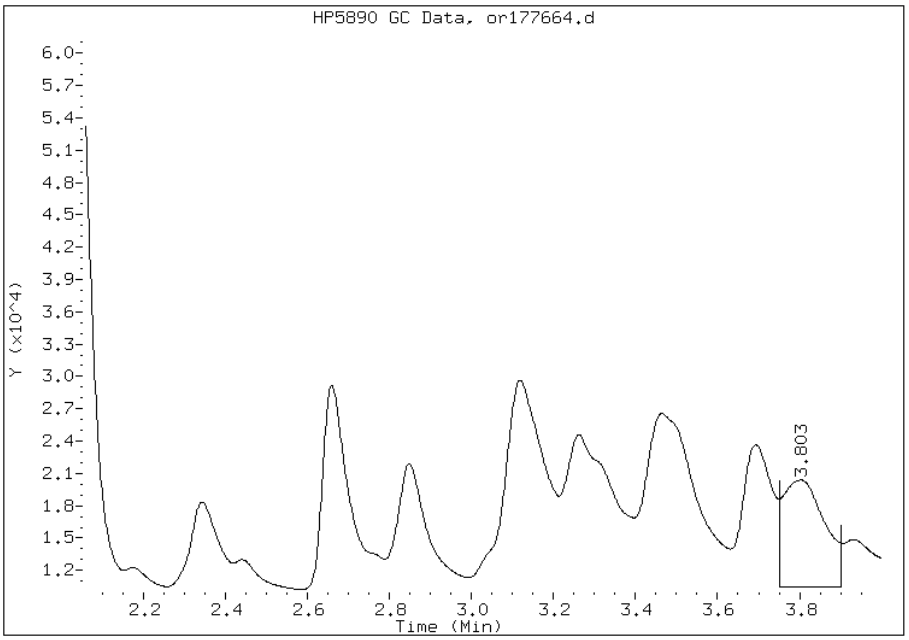
Processing Integration Results

RT: 3.80

Response: 70687

Amount: 616.43

Conc: 410.00



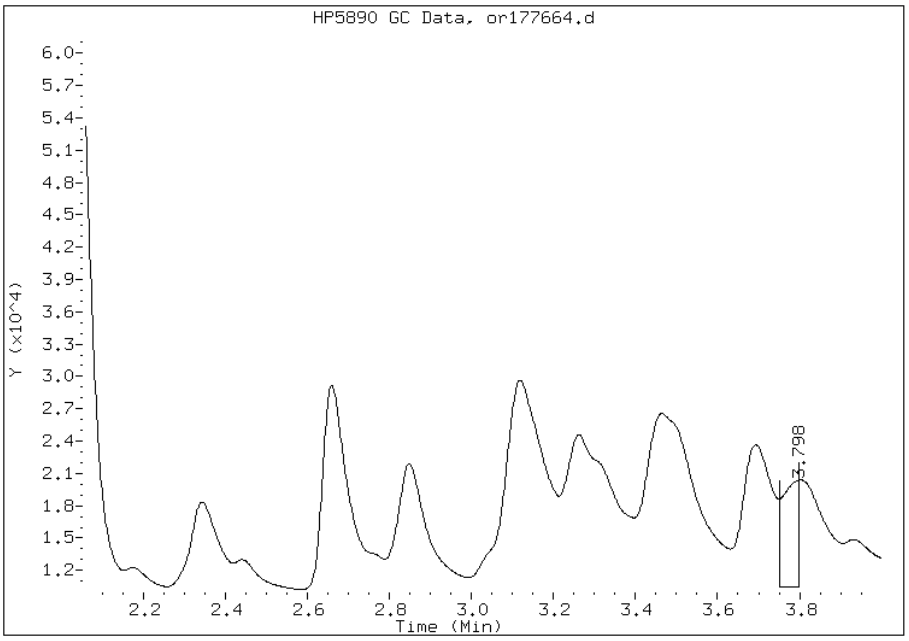
Manual Integration Results

RT: 3.80

Response: 27345

Amount: 510.22

Conc: 340.00



Manually Integrated By: ferdie
Manual Integration Reason:

Manual Integration Report

Data File: or177664.d
Inj. Date and Time: 16-SEP-2011 15:16
Instrument ID: PESTGC7.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/21/2011

Processing Integration Results

Not Detected

Expected RT: 5.09

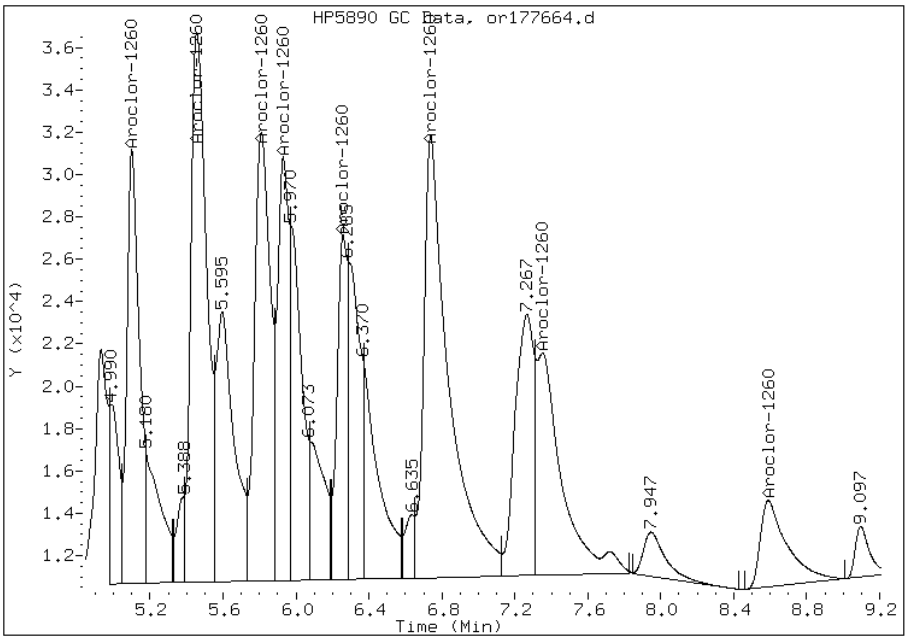
Manual Integration Results

RT: 5.10

Response: 99632

Amount: 536.91

Conc: 360.00



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-85730/3-A

Matrix: Water Lab File ID: of177415.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3510C Date Extracted: 09/12/2011 08:23

Sample wt/vol: 1000(mL) Date Analyzed: 09/13/2011 02:08

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.: 85904 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	4.73		0.50	0.13
11104-28-2	*Aroclor 1221*	*0.50*	*U*	*0.50*	*0.28*
11141-16-5	*Aroclor 1232*	*0.50*	*U*	*0.50*	*0.12*
53469-21-9	*Aroclor 1242*	*0.50*	*U*	*0.50*	*0.12*
12672-29-6	*Aroclor 1248*	*0.50*	*U*	*0.50*	*0.24*
11097-69-1	*Aroclor 1254*	*0.50*	*U*	*0.50*	*0.17*
11096-82-5	*Aroclor 1260*	*4.39*		*0.50*	*0.15*
37324-23-5	*Aroclor 1262*	*0.50*	*U*	*0.50*	*0.12*
11100-14-4	*Aroclor 1268*	*0.50*	*U*	*0.50*	*0.12*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	81		37-150

Data File: of177415.d
Report Date: 13-Sep-2011 11:41

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep11/09-12-11/12sep11a.b/of177415.d
Lab Smp Id: LCSD 460-85730/3-A
Inj Date : 13-SEP-2011 02:08
Operator : 615 Inst ID: PESTGC7.i
Smp Info : LCSD 460-85730/3-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Sep11/09-12-11/12sep11a.b/08Of8082.m
Meth Date : 13-Sep-2011 11:39 sita Quant Type: ESTD
Cal Date : 29-AUG-2011 12:45 Cal File: of176825.d
Als bottle: 86 QC Sample: BSD
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		
2.898	2.900	-0.002	83423	994.098	5.0	80.00- 120.00	100.00(M)
3.343	3.345	-0.002	172068	833.306	4.2	205.87- 308.81	206.26
3.613	3.613	0.000	126297	1145.78	5.7	145.00- 217.50	151.39
3.882	3.878	0.004	209289	650.352	3.2	306.49- 459.74	250.88
4.035	4.037	-0.002	170323	897.882	4.5	209.81- 314.72	204.17
4.325	4.325	0.000	117161	962.839	4.8	187.44- 281.16	140.44
4.607	4.605	0.002	109009	1029.33	5.1	210.89- 316.33	130.67
4.767	4.765	0.002	171212	1061.79	5.3	183.27- 274.91	205.23
		Average of Peak Concentrations =			4.7		
27 Aroclor-1260					CAS #: 11096-82-5		
6.242	6.238	0.004	268281	930.089	4.6	80.00- 120.00	100.00(M)
6.570	6.565	0.005	274297	860.796	4.3	90.06- 135.09	102.24

Data File: of177415.d
Report Date: 13-Sep-2011 11:41

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
7.177	7.168	0.009	308901	798.694	4.0	113.20- 169.80	115.14
7.352	7.347	0.005	225077	946.290	4.7	69.21- 103.81	83.90
7.452	7.452	0.000	197735	1067.57	5.3	49.63- 74.44	73.70
7.973	7.967	0.006	193386	860.491	4.3	66.96- 100.45	72.08
9.255	9.247	0.008	185156	728.137	3.6	72.56- 108.84	69.02
9.963	9.955	0.008	93426	827.630	4.1	32.20- 48.31	34.82
		Average of Peak Concentrations =			4.4		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.478	10.475	0.003	270658	81.1567	0.40	80.00- 120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: of177415.d

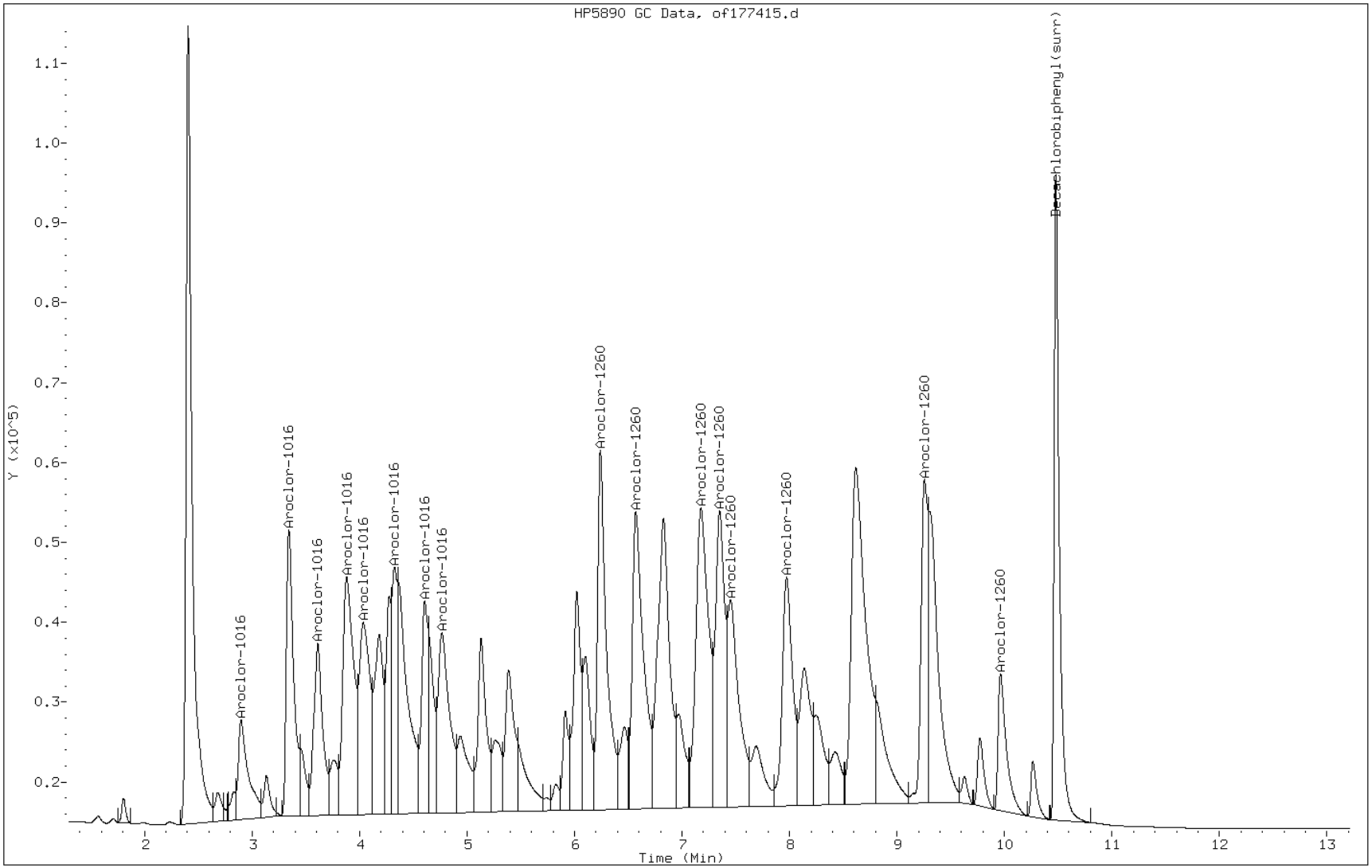
Date: 13-SEP-2011 02:08

Client ID:

Instrument: PESTGC7.i

Sample Info: LCSD 460-85730/3-A

Operator: 615



Manual Integration Report

Data File: of177415.d
Inj. Date and Time: 13-SEP-2011 02:08
Instrument ID: PESTGC7.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 09/13/2011

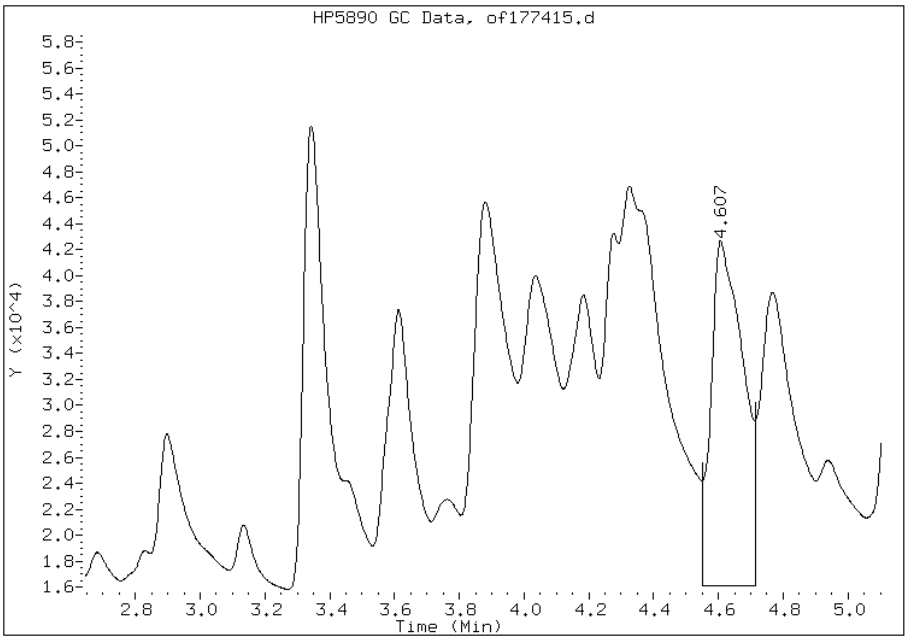
Processing Integration Results

RT: 4.61

Response: 183333

Amount: 1034.65

Conc: 0.00



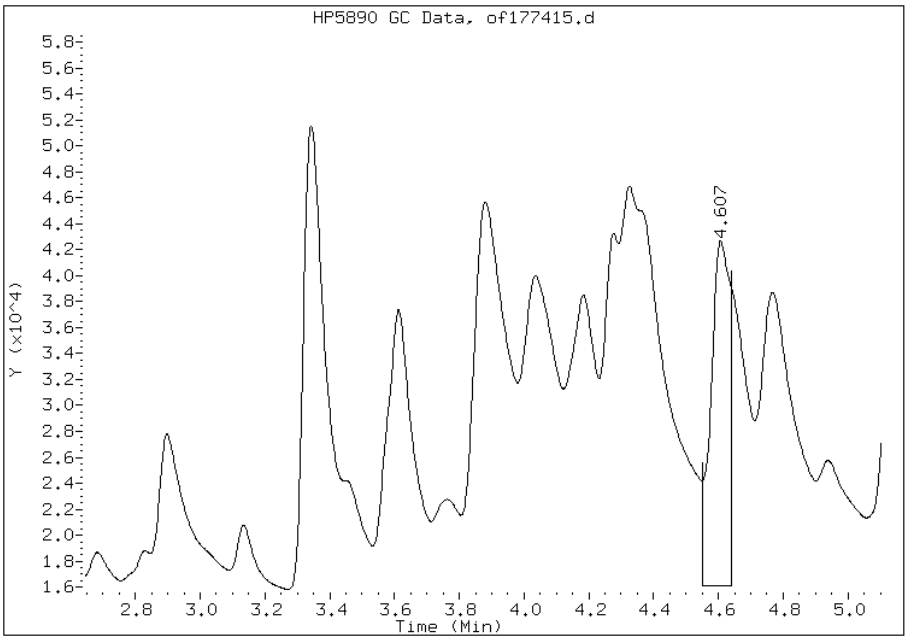
Manual Integration Results

RT: 4.61

Response: 109009

Amount: 946.92

Conc: 4.70



Manually Integrated By: sita
Manual Integration Reason:

Manual Integration Report

Data File: of177415.d
Inj. Date and Time: 13-SEP-2011 02:08
Instrument ID: PESTGC7.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/13/2011

Processing Integration Results

Not Detected

Expected RT: 6.24

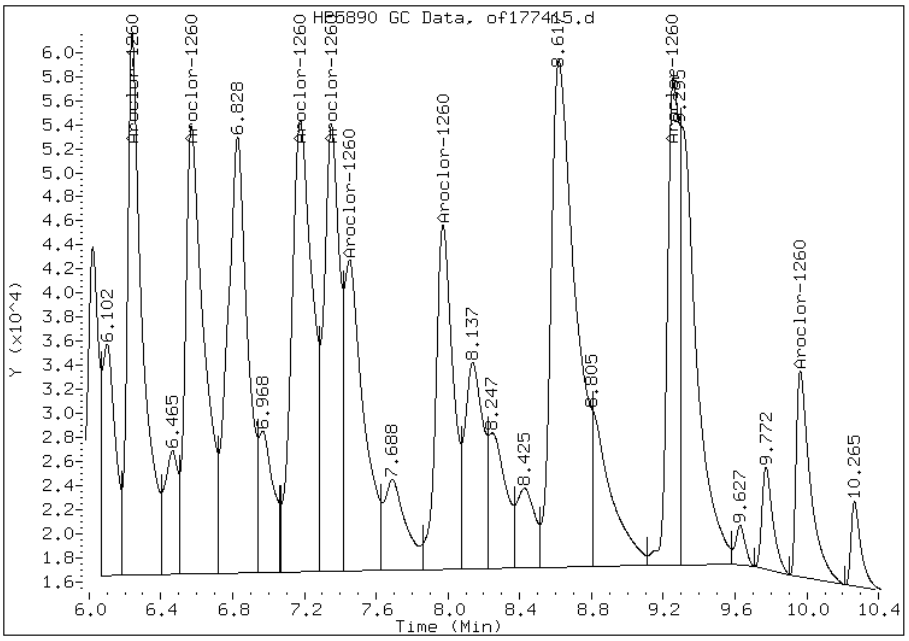
Manual Integration Results

RT: 6.24

Response: 268281

Amount: 877.46

Conc: 4.40



Manually Integrated By: sita
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-85730/3-A

Matrix: Water Lab File ID: or177415.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3510C Date Extracted: 09/12/2011 08:23

Sample wt/vol: 1000(mL) Date Analyzed: 09/13/2011 02:08

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.: 85904 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*4.03*		*0.50*	*0.13*
11104-28-2	Aroclor 1221	0.50	U	0.50	0.28
11141-16-5	Aroclor 1232	0.50	U	0.50	0.12
53469-21-9	Aroclor 1242	0.50	U	0.50	0.12
12672-29-6	Aroclor 1248	0.50	U	0.50	0.24
11097-69-1	Aroclor 1254	0.50	U	0.50	0.17
11096-82-5	Aroclor 1260	4.51		0.50	0.15
37324-23-5	Aroclor 1262	0.50	U	0.50	0.12
11100-14-4	Aroclor 1268	0.50	U	0.50	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	90		37-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep11/09-12-11/12sep11a.b/or177415.d
Lab Smp Id: LCSD 460-85730/3-A
Inj Date : 13-SEP-2011 02:08
Operator : 615 Inst ID: PESTGC7.i
Smp Info : LCSD 460-85730/3-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep11/09-12-11/12sep11a.b/08Or8082.m
Meth Date : 12-Sep-2011 14:52 sita Quant Type: ESTD
Cal Date : 29-AUG-2011 12:45 Cal File: or176825.d
Als bottle: 86 QC Sample: BSD
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		
2.342	2.340	0.002	58933	723.670	3.6	80.00- 120.00	100.00(M)
2.658	2.657	0.001	114771	765.522	3.8	150.17- 225.26	194.75
2.850	2.847	0.003	90817	834.670	4.2	128.91- 193.37	154.10
3.118	3.117	0.001	196600	660.670	3.3	253.76- 380.64	333.60
3.263	3.262	0.001	84448	726.210	3.6	140.63- 210.94	143.29
3.462	3.462	0.000	143319	1032.58	5.2	129.23- 193.85	243.19
3.692	3.690	0.002	116632	952.802	4.8	140.88- 211.32	197.91
3.790	3.795	-0.005	38483	754.393	3.8	55.53- 83.30	65.30
		Average of Peak Concentrations =			4.0		
27 Aroclor-1260					CAS #: 11096-82-5		
5.097	5.095	0.002	161849	872.865	4.4	80.00- 120.00	100.00(M)
5.450	5.448	0.002	251176	820.334	4.1	117.18- 175.76	155.19

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
5.805	5.803	0.002	210281	781.659	3.9	96.54- 144.80	129.92
5.927	5.925	0.002	161765	1091.52	5.4	52.15- 78.23	99.95
6.253	6.252	0.001	119269	896.187	4.5	53.85- 80.78	73.69
6.732	6.727	0.005	321870	863.345	4.3	150.02- 225.02	198.87
7.348	7.345	0.003	142896	936.840	4.7	64.81- 97.21	88.29
8.582	8.577	0.005	88079	957.599	4.8	38.03- 57.04	54.42
		Average of Peak Concentrations =			4.5		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.348	9.347	0.001	315922	89.8100	0.45	80.00- 120.00	100.00

QC Flag Legend

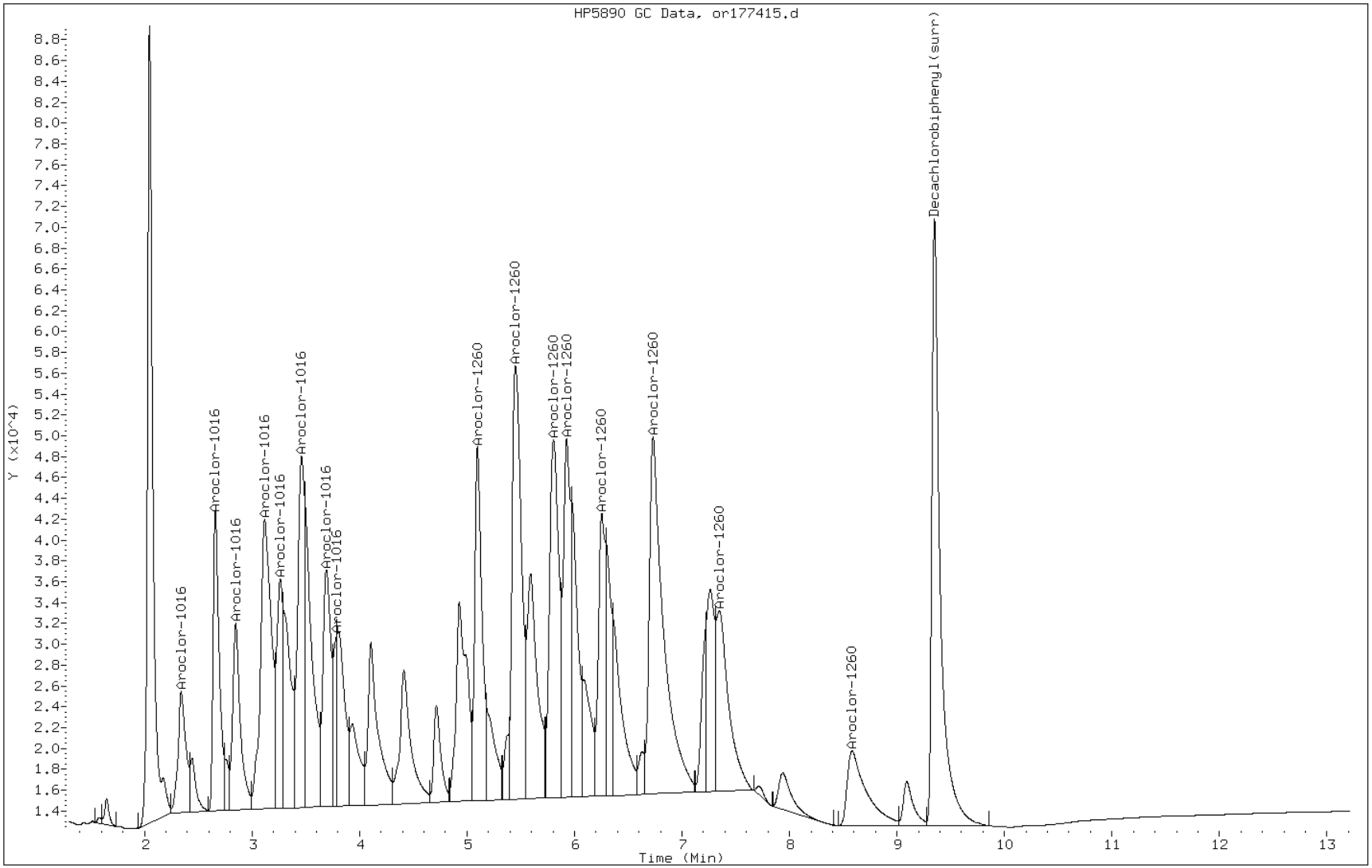
M - Compound response manually integrated.

Data File: or177415.d

Date: 13-SEP-2011 02:08

Client ID: Instrument: PESTGC7.i

Sample Info: LCSD 460-85730/3-A Operator: 615



Manual Integration Report

Data File: or177415.d
Inj. Date and Time: 13-SEP-2011 02:08
Instrument ID: PESTGC7.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 09/13/2011

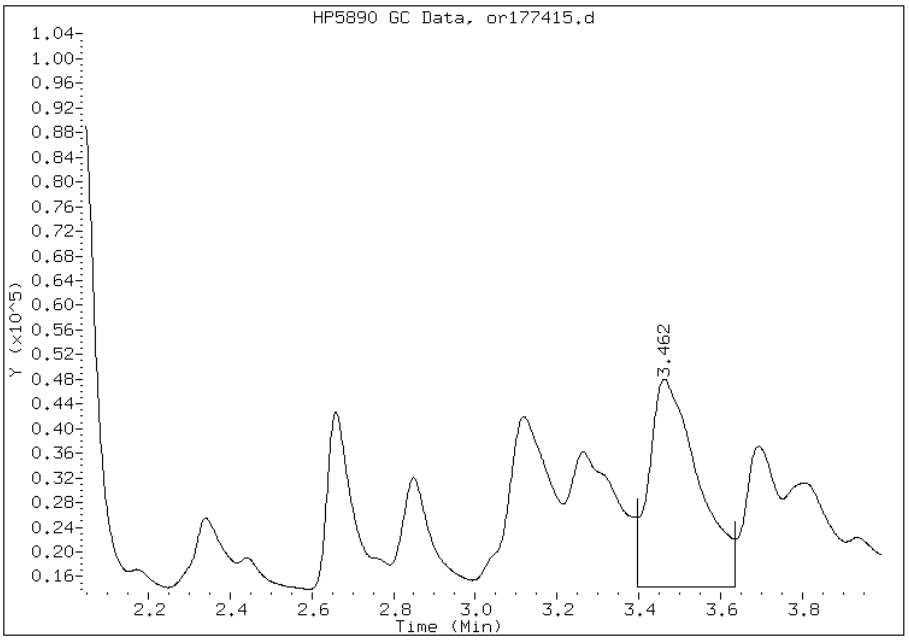
Processing Integration Results

RT: 3.46

Response: 281133

Amount: 930.44

Conc: 4.60



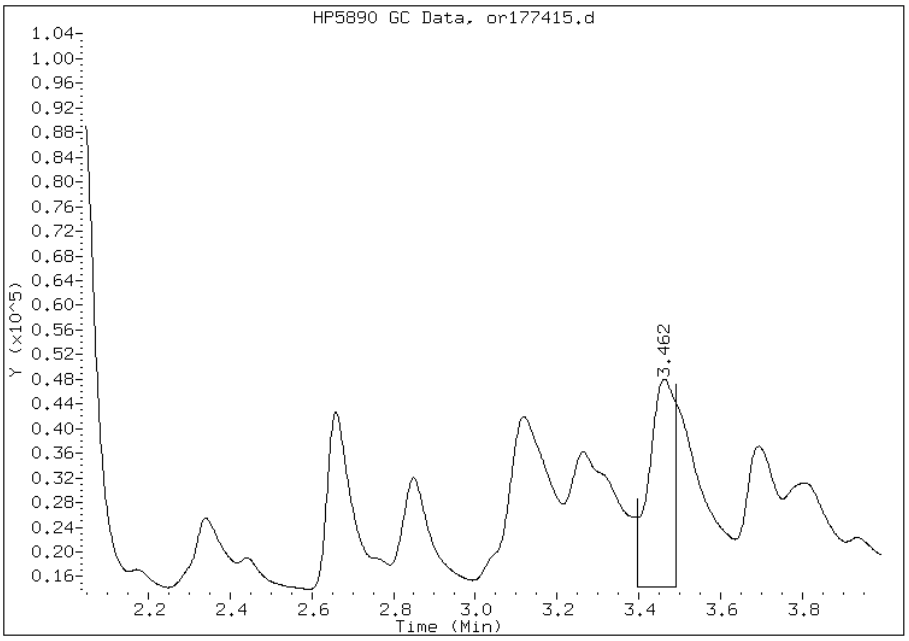
Manual Integration Results

RT: 3.46

Response: 143319

Amount: 806.32

Conc: 4.00



Manually Integrated By: sita
Manual Integration Reason:

Manual Integration Report

Data File: or177415.d
Inj. Date and Time: 13-SEP-2011 02:08
Instrument ID: PESTGC7.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/13/2011

Processing Integration Results

Not Detected

Expected RT: 5.09

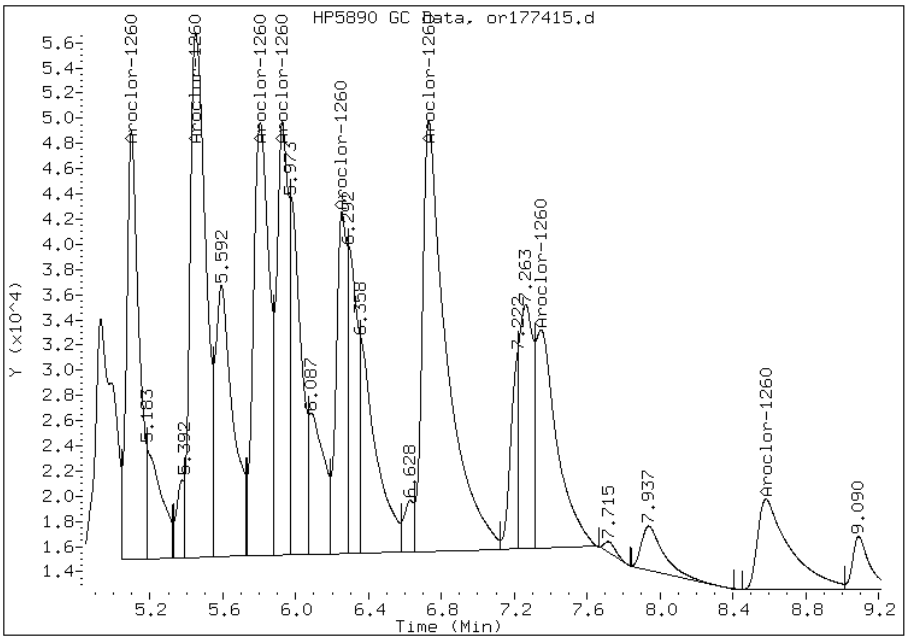
Manual Integration Results

RT: 5.10

Response: 161849

Amount: 902.54

Conc: 4.50



Manually Integrated By: sita
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-2-VD-S (3.5-4.0) MS Lab Sample ID: 460-30837-1 MS

Matrix: Solid Lab File ID: vf464516.d

Analysis Method: 8082 Date Collected: 09/08/2011 16:15

Extraction Method: 3541 Date Extracted: 09/14/2011 04:57

Sample wt/vol: 15.02(g) Date Analyzed: 09/15/2011 10:52

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.: 86732 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	341		71	14
11104-28-2	*Aroclor 1221*	*71*	*U*	*71*	*21*
11141-16-5	*Aroclor 1232*	*71*	*U*	*71*	*40*
53469-21-9	*Aroclor 1242*	*71*	*U*	*71*	*14*
12672-29-6	*Aroclor 1248*	*71*	*U*	*71*	*19*
11097-69-1	*Aroclor 1254*	*71*	*U*	*71*	*24*
11096-82-5	Aroclor 1260	391		71	8.0
37324-23-5	*Aroclor 1262*	*71*	*U*	*71*	*12*
11100-14-4	*Aroclor 1268*	*71*	*U*	*71*	*12*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	120		30-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-2-VD-S (3.5-4.0) MS Lab Sample ID: 460-30837-1 MS

Matrix: Solid Lab File ID: vr464516.d

Analysis Method: 8082 Date Collected: 09/08/2011 16:15

Extraction Method: 3541 Date Extracted: 09/14/2011 04:57

Sample wt/vol: 15.02(g) Date Analyzed: 09/15/2011 10:52

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.: 86732 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*283*		*71*	*14*
11104-28-2	Aroclor 1221	71	U	71	21
11141-16-5	Aroclor 1232	71	U	71	40
53469-21-9	Aroclor 1242	71	U	71	14
12672-29-6	Aroclor 1248	71	U	71	19
11097-69-1	Aroclor 1254	71	U	71	24
11096-82-5	*Aroclor 1260*	*375*		*71*	*8.0*
37324-23-5	Aroclor 1262	71	U	71	12
11100-14-4	Aroclor 1268	71	U	71	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	132		30-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-14-VS-S (0.5-1.0) MS Lab Sample ID: 460-30837-21 MS

Matrix: Solid Lab File ID: of177859.d

Analysis Method: 8082 Date Collected: 09/09/2011 10:00

Extraction Method: 3541 Date Extracted: 09/14/2011 05:06

Sample wt/vol: 15.00(g) Date Analyzed: 09/21/2011 13:45

Con. Extract Vol.: 10(mL) Dilution Factor: 5

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 4.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86921 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*3580*		*350*	*67*
11104-28-2	*Aroclor 1221*	*350*	*U*	*350*	*110*
11141-16-5	*Aroclor 1232*	*350*	*U*	*350*	*200*
53469-21-9	*Aroclor 1242*	*350*	*U*	*350*	*66*
12672-29-6	*Aroclor 1248*	*350*	*U*	*350*	*93*
11097-69-1	*Aroclor 1254*	*350*	*U*	*350*	*120*
11096-82-5	*Aroclor 1260*	*2480*		*350*	*39*
37324-23-5	*Aroclor 1262*	*350*	*U*	*350*	*60*
11100-14-4	*Aroclor 1268*	*350*	*U*	*350*	*60*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	140		30-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-14-VS-S (0.5-1.0) MS Lab Sample ID: 460-30837-21 MS

Matrix: Solid Lab File ID: or177859.d

Analysis Method: 8082 Date Collected: 09/09/2011 10:00

Extraction Method: 3541 Date Extracted: 09/14/2011 05:06

Sample wt/vol: 15.00(g) Date Analyzed: 09/21/2011 13:45

Con. Extract Vol.: 10(mL) Dilution Factor: 5

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 4.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86921 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	4610		350	67
11104-28-2	Aroclor 1221	350	U	350	110
11141-16-5	Aroclor 1232	350	U	350	200
53469-21-9	Aroclor 1242	350	U	350	66
12672-29-6	Aroclor 1248	350	U	350	93
11097-69-1	Aroclor 1254	350	U	350	120
11096-82-5	Aroclor 1260	2590		350	39
37324-23-5	Aroclor 1262	350	U	350	60
11100-14-4	Aroclor 1268	350	U	350	60

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	131		30-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-2-VD-S (3.5-4.0) MSD Lab Sample ID: 460-30837-1 MSD

Matrix: Solid Lab File ID: vf464517.d

Analysis Method: 8082 Date Collected: 09/08/2011 16:15

Extraction Method: 3541 Date Extracted: 09/14/2011 04:57

Sample wt/vol: 15.00(g) Date Analyzed: 09/15/2011 11:08

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.: 86732 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	330		71	14
11104-28-2	*Aroclor 1221*	*71*	*U*	*71*	*22*
11141-16-5	*Aroclor 1232*	*71*	*U*	*71*	*40*
53469-21-9	*Aroclor 1242*	*71*	*U*	*71*	*14*
12672-29-6	*Aroclor 1248*	*71*	*U*	*71*	*19*
11097-69-1	*Aroclor 1254*	*71*	*U*	*71*	*24*
11096-82-5	Aroclor 1260	383		71	8.0
37324-23-5	*Aroclor 1262*	*71*	*U*	*71*	*12*
11100-14-4	*Aroclor 1268*	*71*	*U*	*71*	*12*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	121		30-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-2-VD-S (3.5-4.0) MSD Lab Sample ID: 460-30837-1 MSD

Matrix: Solid Lab File ID: vr464517.d

Analysis Method: 8082 Date Collected: 09/08/2011 16:15

Extraction Method: 3541 Date Extracted: 09/14/2011 04:57

Sample wt/vol: 15.00(g) Date Analyzed: 09/15/2011 11:08

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.: 86732 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*284*		*71*	*14*
11104-28-2	Aroclor 1221	71	U	71	22
11141-16-5	Aroclor 1232	71	U	71	40
53469-21-9	Aroclor 1242	71	U	71	14
12672-29-6	Aroclor 1248	71	U	71	19
11097-69-1	Aroclor 1254	71	U	71	24
11096-82-5	*Aroclor 1260*	*381*		*71*	*8.0*
37324-23-5	Aroclor 1262	71	U	71	12
11100-14-4	Aroclor 1268	71	U	71	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	127		30-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-14-VS-S (0.5-1.0) MSD | Lab Sample ID: 460-30837-21 MSD

Matrix: Solid | Lab File ID: of177860.d

Analysis Method: 8082 | Date Collected: 09/09/2011 10:00

Extraction Method: 3541 | Date Extracted: 09/14/2011 05:06

Sample wt/vol: 15.00(g) | Date Analyzed: 09/21/2011 14:01

Con. Extract Vol.: 10(mL) | Dilution Factor: 5

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 4.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86921 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	3920		350	67
11104-28-2	*Aroclor 1221*	*350*	*U*	*350*	*110*
11141-16-5	*Aroclor 1232*	*350*	*U*	*350*	*200*
53469-21-9	*Aroclor 1242*	*350*	*U*	*350*	*66*
12672-29-6	*Aroclor 1248*	*350*	*U*	*350*	*93*
11097-69-1	*Aroclor 1254*	*350*	*U*	*350*	*120*
11096-82-5	Aroclor 1260	2370		350	39
37324-23-5	*Aroclor 1262*	*350*	*U*	*350*	*60*
11100-14-4	*Aroclor 1268*	*350*	*U*	*350*	*60*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	145		30-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-14-VS-S (0.5-1.0) MSD Lab Sample ID: 460-30837-21 MSD

Matrix: Solid Lab File ID: or177860.d

Analysis Method: 8082 Date Collected: 09/09/2011 10:00

Extraction Method: 3541 Date Extracted: 09/14/2011 05:06

Sample wt/vol: 15.00(g) Date Analyzed: 09/21/2011 14:01

Con. Extract Vol.: 10(mL) Dilution Factor: 5

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 4.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86921 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*3040*		*350*	*67*
11104-28-2	Aroclor 1221	350	U	350	110
11141-16-5	Aroclor 1232	350	U	350	200
53469-21-9	Aroclor 1242	350	U	350	66
12672-29-6	Aroclor 1248	350	U	350	93
11097-69-1	Aroclor 1254	350	U	350	120
11096-82-5	*Aroclor 1260*	*2330*		*350*	*39*
37324-23-5	Aroclor 1262	350	U	350	60
11100-14-4	Aroclor 1268	350	U	350	60

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	131		30-150

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Instrument ID: PESTGC7 Start Date: 08/29/2011 07:09

Analysis Batch Number: 84507 End Date: 08/29/2011 13:01

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		08/29/2011 07:09	1		CLP-2 0.53(mm)
ZZZZZ		08/29/2011 07:09	1		CLP-1 0.53(mm)
ZZZZZ		08/29/2011 07:26	1		CLP-2 0.53(mm)
ZZZZZ		08/29/2011 07:26	1		CLP-1 0.53(mm)
ZZZZZ		08/29/2011 08:56	1		CLP-2 0.53(mm)
ZZZZZ		08/29/2011 08:56	1		CLP-1 0.53(mm)
ZZZZZ		08/29/2011 09:12	1		CLP-2 0.53(mm)
ZZZZZ		08/29/2011 09:12	1		CLP-1 0.53(mm)
IC 460-84507/5		08/29/2011 09:29	1	of176813.d	CLP-2 0.53(mm)
IC 460-84507/5		08/29/2011 09:29	1	or176813.d	CLP-1 0.53(mm)
ZZZZZ		08/29/2011 09:45	1		CLP-2 0.53(mm)
ZZZZZ		08/29/2011 09:45	1		CLP-1 0.53(mm)
IC 460-84507/7		08/29/2011 10:01	1	of176815.d	CLP-2 0.53(mm)
IC 460-84507/7		08/29/2011 10:01	1	or176815.d	CLP-1 0.53(mm)
IC 460-84507/8		08/29/2011 10:18	1	of176816.d	CLP-2 0.53(mm)
IC 460-84507/8		08/29/2011 10:18	1	or176816.d	CLP-1 0.53(mm)
IC 460-84507/9		08/29/2011 10:34	1	of176817.d	CLP-2 0.53(mm)
IC 460-84507/9		08/29/2011 10:34	1	or176817.d	CLP-1 0.53(mm)
IC 460-84507/10		08/29/2011 10:51	1	of176818.d	CLP-2 0.53(mm)
IC 460-84507/10		08/29/2011 10:51	1	or176818.d	CLP-1 0.53(mm)
IC 460-84507/11		08/29/2011 11:08	1	of176819.d	CLP-2 0.53(mm)
IC 460-84507/11		08/29/2011 11:08	1	or176819.d	CLP-1 0.53(mm)
IC 460-84507/12		08/29/2011 11:24	1	of176820.d	CLP-2 0.53(mm)
IC 460-84507/12		08/29/2011 11:24	1	or176820.d	CLP-1 0.53(mm)
IC 460-84507/13		08/29/2011 11:41	1	of176821.d	CLP-2 0.53(mm)
IC 460-84507/13		08/29/2011 11:41	1	or176821.d	CLP-1 0.53(mm)
IC 460-84507/14		08/29/2011 11:57	1	of176822.d	CLP-2 0.53(mm)
IC 460-84507/14		08/29/2011 11:57	1	or176822.d	CLP-1 0.53(mm)
IC 460-84507/15		08/29/2011 12:13	1	of176823.d	CLP-2 0.53(mm)
IC 460-84507/15		08/29/2011 12:13	1	or176823.d	CLP-1 0.53(mm)
IC 460-84507/16		08/29/2011 12:30	1	of176824.d	CLP-2 0.53(mm)
IC 460-84507/16		08/29/2011 12:30	1	or176824.d	CLP-1 0.53(mm)
IC 460-84507/17		08/29/2011 12:45	1	of176825.d	CLP-2 0.53(mm)
IC 460-84507/17		08/29/2011 12:45	1	or176825.d	CLP-1 0.53(mm)
ZZZZZ		08/29/2011 13:01	1		CLP-2 0.53(mm)
ZZZZZ		08/29/2011 13:01	1		CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Instrument ID: PESTGC7 Start Date: 09/13/2011 01:03

Analysis Batch Number: 85904 End Date: 09/13/2011 05:24

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/13/2011 01:03	1		CLP-2 0.53(mm)
ZZZZZ		09/13/2011 01:03	1		CLP-1 0.53(mm)
CCVRT 460-85904/2		09/13/2011 01:19	1	of177412.d	CLP-2 0.53(mm)
CCVRT 460-85904/2		09/13/2011 01:19	1	or177412.d	CLP-1 0.53(mm)
MB 460-85730/1-A		09/13/2011 01:36	1	of177413.d	CLP-2 0.53(mm)
MB 460-85730/1-A		09/13/2011 01:36	1	or177413.d	CLP-1 0.53(mm)
LCS 460-85730/2-A		09/13/2011 01:52	1	of177414.d	CLP-2 0.53(mm)
LCS 460-85730/2-A		09/13/2011 01:52	1	or177414.d	CLP-1 0.53(mm)
LCSD 460-85730/3-A		09/13/2011 02:08	1	of177415.d	CLP-2 0.53(mm)
LCSD 460-85730/3-A		09/13/2011 02:08	1	or177415.d	CLP-1 0.53(mm)
ZZZZZ		09/13/2011 02:24	1		CLP-2 0.53(mm)
ZZZZZ		09/13/2011 02:24	1		CLP-1 0.53(mm)
ZZZZZ		09/13/2011 02:40	1		CLP-2 0.53(mm)
ZZZZZ		09/13/2011 02:40	1		CLP-1 0.53(mm)
ZZZZZ		09/13/2011 02:56	1		CLP-2 0.53(mm)
ZZZZZ		09/13/2011 02:56	1		CLP-1 0.53(mm)
460-30837-30	FB_090811	09/13/2011 03:13	1	of177419.d	CLP-2 0.53(mm)
460-30837-30	FB_090811	09/13/2011 03:13	1	or177419.d	CLP-1 0.53(mm)
460-30837-31	FB_090911	09/13/2011 03:29	1	of177420.d	CLP-2 0.53(mm)
460-30837-31	FB_090911	09/13/2011 03:29	1	or177420.d	CLP-1 0.53(mm)
ZZZZZ		09/13/2011 03:45	1		CLP-2 0.53(mm)
ZZZZZ		09/13/2011 03:45	1		CLP-1 0.53(mm)
ZZZZZ		09/13/2011 04:02	1		CLP-2 0.53(mm)
ZZZZZ		09/13/2011 04:02	1		CLP-1 0.53(mm)
ZZZZZ		09/13/2011 04:18	1		CLP-2 0.53(mm)
ZZZZZ		09/13/2011 04:18	1		CLP-1 0.53(mm)
ZZZZZ		09/13/2011 04:34	1		CLP-2 0.53(mm)
ZZZZZ		09/13/2011 04:34	1		CLP-1 0.53(mm)
CCV 460-85904/15		09/13/2011 04:51	1	of177425.d	CLP-2 0.53(mm)
CCV 460-85904/15		09/13/2011 04:51	1	or177425.d	CLP-1 0.53(mm)
ZZZZZ		09/13/2011 05:07	1		CLP-2 0.53(mm)
ZZZZZ		09/13/2011 05:07	1		CLP-1 0.53(mm)
ZZZZZ		09/13/2011 05:24	1		CLP-2 0.53(mm)
ZZZZZ		09/13/2011 05:24	1		CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Instrument ID: PESTGC7 Start Date: 09/16/2011 12:25

Analysis Batch Number: 86753 End Date: 09/16/2011 19:24

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/16/2011 12:25	1		CLP-2 0.53(mm)
ZZZZZ		09/16/2011 12:25	1		CLP-1 0.53(mm)
CCVRT 460-86753/2		09/16/2011 12:42	1	of177655.d	CLP-2 0.53(mm)
CCVRT 460-86753/2		09/16/2011 12:42	1	or177655.d	CLP-1 0.53(mm)
ZZZZZ		09/16/2011 12:58	1		CLP-2 0.53(mm)
ZZZZZ		09/16/2011 12:58	1		CLP-1 0.53(mm)
ZZZZZ		09/16/2011 13:15	1		CLP-2 0.53(mm)
ZZZZZ		09/16/2011 13:15	1		CLP-1 0.53(mm)
ZZZZZ		09/16/2011 13:32	1		CLP-2 0.53(mm)
ZZZZZ		09/16/2011 13:32	1		CLP-1 0.53(mm)
ZZZZZ		09/16/2011 13:53	2		CLP-2 0.53(mm)
ZZZZZ		09/16/2011 13:53	2		CLP-1 0.53(mm)
ZZZZZ		09/16/2011 14:10	1		CLP-2 0.53(mm)
ZZZZZ		09/16/2011 14:10	1		CLP-1 0.53(mm)
ZZZZZ		09/16/2011 14:26	1		CLP-2 0.53(mm)
ZZZZZ		09/16/2011 14:26	1		CLP-1 0.53(mm)
ZZZZZ		09/16/2011 14:43	1		CLP-2 0.53(mm)
ZZZZZ		09/16/2011 14:43	1		CLP-1 0.53(mm)
MB 460-85953/1-A		09/16/2011 14:59	1	of177663.d	CLP-2 0.53(mm)
MB 460-85953/1-A		09/16/2011 14:59	1	or177663.d	CLP-1 0.53(mm)
LCS 460-85953/2-A		09/16/2011 15:16	1	of177664.d	CLP-2 0.53(mm)
LCS 460-85953/2-A		09/16/2011 15:16	1	or177664.d	CLP-1 0.53(mm)
ZZZZZ		09/16/2011 15:32	1		CLP-2 0.53(mm)
ZZZZZ		09/16/2011 15:32	1		CLP-1 0.53(mm)
ZZZZZ		09/16/2011 15:48	1		CLP-2 0.53(mm)
ZZZZZ		09/16/2011 15:48	1		CLP-1 0.53(mm)
ZZZZZ		09/16/2011 16:05	1		CLP-2 0.53(mm)
ZZZZZ		09/16/2011 16:05	1		CLP-1 0.53(mm)
460-30837-22	PMP-14-VD-S (2.5-3.0)	09/16/2011 16:22	1	of177668.d	CLP-2 0.53(mm)
460-30837-22	PMP-14-VD-S (2.5-3.0)	09/16/2011 16:22	1	or177668.d	CLP-1 0.53(mm)
460-30837-23	PMP-14-WT-S (7.0-7.5)	09/16/2011 16:38	1	of177669.d	CLP-2 0.53(mm)
460-30837-23	PMP-14-WT-S (7.0-7.5)	09/16/2011 16:38	1	or177669.d	CLP-1 0.53(mm)
ZZZZZ		09/16/2011 16:55	1		CLP-2 0.53(mm)
ZZZZZ		09/16/2011 16:55	1		CLP-1 0.53(mm)
460-30837-25	PMP-8-VD-S (2.5-3.0)	09/16/2011 17:11	1	of177671.d	CLP-2 0.53(mm)
460-30837-25	PMP-8-VD-S (2.5-3.0)	09/16/2011 17:11	1	or177671.d	CLP-1 0.53(mm)
460-30837-26	PMP-8-WT-S (7.0-7.5)	09/16/2011 17:28	1	of177672.d	CLP-2 0.53(mm)
460-30837-26	PMP-8-WT-S (7.0-7.5)	09/16/2011 17:28	1	or177672.d	CLP-1 0.53(mm)
ZZZZZ		09/16/2011 17:45	1		CLP-2 0.53(mm)
ZZZZZ		09/16/2011 17:45	1		CLP-1 0.53(mm)
460-30837-28	PMP-4-VD-S (2.5-3.0)	09/16/2011 18:01	1	of177674.d	CLP-2 0.53(mm)
460-30837-28	PMP-4-VD-S (2.5-3.0)	09/16/2011 18:01	1	or177674.d	CLP-1 0.53(mm)
460-30837-29	PMP-4-WT-S (7.0-7.5)	09/16/2011 18:18	1	of177675.d	CLP-2 0.53(mm)
460-30837-29	PMP-4-WT-S (7.0-7.5)	09/16/2011 18:18	1	or177675.d	CLP-1 0.53(mm)
CCV 460-86753/23		09/16/2011 18:34	1	of177676.d	CLP-2 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Instrument ID: PESTGC7 Start Date: 09/16/2011 12:25

Analysis Batch Number: 86753 End Date: 09/16/2011 19:24

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 460-86753/23		09/16/2011 18:34	1	or177676.d	CLP-1 0.53(mm)
ZZZZZ		09/16/2011 18:51	1		CLP-2 0.53(mm)
ZZZZZ		09/16/2011 18:51	1		CLP-1 0.53(mm)
ZZZZZ		09/16/2011 19:07	1		CLP-2 0.53(mm)
ZZZZZ		09/16/2011 19:07	1		CLP-1 0.53(mm)
ZZZZZ		09/16/2011 19:24	1		CLP-2 0.53(mm)
ZZZZZ		09/16/2011 19:24	1		CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Instrument ID: PESTGC7 Start Date: 09/21/2011 13:06

Analysis Batch Number: 86921 End Date: 09/21/2011 15:59

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/21/2011 13:06	1		CLP-2 0.53(mm)
ZZZZZ		09/21/2011 13:06	1		CLP-1 0.53(mm)
CCVRT 460-86921/2		09/21/2011 13:22	1	of177858.d	CLP-2 0.53(mm)
CCVRT 460-86921/2		09/21/2011 13:22	1	or177858.d	CLP-1 0.53(mm)
460-30837-21 MS	PMP-14-VS-S (0.5-1.0) MS	09/21/2011 13:45	5	of177859.d	CLP-2 0.53(mm)
460-30837-21 MS	PMP-14-VS-S (0.5-1.0) MS	09/21/2011 13:45	5	or177859.d	CLP-1 0.53(mm)
460-30837-21 MSD	PMP-14-VS-S (0.5-1.0) MSD	09/21/2011 14:01	5	of177860.d	CLP-2 0.53(mm)
460-30837-21 MSD	PMP-14-VS-S (0.5-1.0) MSD	09/21/2011 14:01	5	or177860.d	CLP-1 0.53(mm)
460-30837-21	PMP-14-VS-S (0.5-1.0)	09/21/2011 14:18	5	of177861.d	CLP-2 0.53(mm)
460-30837-21	PMP-14-VS-S (0.5-1.0)	09/21/2011 14:18	5	or177861.d	CLP-1 0.53(mm)
ZZZZZ		09/21/2011 14:34	10		CLP-2 0.53(mm)
ZZZZZ		09/21/2011 14:34	10		CLP-1 0.53(mm)
460-30837-24	PMP-8-VS-S (0.5-1.0)	09/21/2011 14:51	20	of177863.d	CLP-2 0.53(mm)
460-30837-24	PMP-8-VS-S (0.5-1.0)	09/21/2011 14:51	20	or177863.d	CLP-1 0.53(mm)
ZZZZZ		09/21/2011 15:09	100		CLP-2 0.53(mm)
ZZZZZ		09/21/2011 15:09	100		CLP-1 0.53(mm)
460-30837-27	PMP-4-VS-S (0.5-1.0)	09/21/2011 15:26	200	of177865.d	CLP-2 0.53(mm)
460-30837-27	PMP-4-VS-S (0.5-1.0)	09/21/2011 15:26	200	or177865.d	CLP-1 0.53(mm)
ZZZZZ		09/21/2011 15:42	1		CLP-2 0.53(mm)
ZZZZZ		09/21/2011 15:42	1		CLP-1 0.53(mm)
CCV 460-86921/11		09/21/2011 15:59	1	of177867.d	CLP-2 0.53(mm)
CCV 460-86921/11		09/21/2011 15:59	1	or177867.d	CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Instrument ID: PESTGC9 Start Date: 08/30/2011 14:19

Analysis Batch Number: 84689 End Date: 08/30/2011 18:33

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RINSE 460-84689/1		08/30/2011 14:19	1		CLP-2 0.53(mm)
RINSE 460-84689/1		08/30/2011 14:19	1		CLP-1 0.53(mm)
ZZZZZ		08/30/2011 14:35	1		CLP-2 0.53(mm)
ZZZZZ		08/30/2011 14:35	1		CLP-1 0.53(mm)
ZZZZZ		08/30/2011 14:50	1		CLP-2 0.53(mm)
ZZZZZ		08/30/2011 14:50	1		CLP-1 0.53(mm)
IC 460-84689/4		08/30/2011 15:06	1	vf463923.d	CLP-2 0.53(mm)
IC 460-84689/4		08/30/2011 15:06	1	vr463923.d	CLP-1 0.53(mm)
IC 460-84689/5		08/30/2011 15:22	1	vf463924.d	CLP-2 0.53(mm)
IC 460-84689/5		08/30/2011 15:22	1	vr463924.d	CLP-1 0.53(mm)
IC 460-84689/6		08/30/2011 15:38	1	vf463925.d	CLP-2 0.53(mm)
IC 460-84689/6		08/30/2011 15:38	1	vr463925.d	CLP-1 0.53(mm)
IC 460-84689/7		08/30/2011 15:54	1	vf463926.d	CLP-2 0.53(mm)
IC 460-84689/7		08/30/2011 15:54	1	vr463926.d	CLP-1 0.53(mm)
IC 460-84689/8		08/30/2011 16:10	1	vf463927.d	CLP-2 0.53(mm)
IC 460-84689/8		08/30/2011 16:10	1	vr463927.d	CLP-1 0.53(mm)
IC 460-84689/9		08/30/2011 16:26	1	vf463928.d	CLP-2 0.53(mm)
IC 460-84689/9		08/30/2011 16:26	1	vr463928.d	CLP-1 0.53(mm)
IC 460-84689/10		08/30/2011 16:42	1	vf463929.d	CLP-2 0.53(mm)
IC 460-84689/10		08/30/2011 16:42	1	vr463929.d	CLP-1 0.53(mm)
IC 460-84689/11		08/30/2011 16:57	1	vf463930.d	CLP-2 0.53(mm)
IC 460-84689/11		08/30/2011 16:57	1	vr463930.d	CLP-1 0.53(mm)
IC 460-84689/12		08/30/2011 17:13	1	vf463931.d	CLP-2 0.53(mm)
IC 460-84689/12		08/30/2011 17:13	1	vr463931.d	CLP-1 0.53(mm)
IC 460-84689/13		08/30/2011 17:29	1	vf463932.d	CLP-2 0.53(mm)
IC 460-84689/13		08/30/2011 17:29	1	vr463932.d	CLP-1 0.53(mm)
IC 460-84689/14		08/30/2011 17:45	1	vf463933.d	CLP-2 0.53(mm)
IC 460-84689/14		08/30/2011 17:45	1	vr463933.d	CLP-1 0.53(mm)
IC 460-84689/15		08/30/2011 18:01	1	vf463934.d	CLP-2 0.53(mm)
IC 460-84689/15		08/30/2011 18:01	1	vr463934.d	CLP-1 0.53(mm)
IC 460-84689/16		08/30/2011 18:17	1	vf463935.d	CLP-2 0.53(mm)
IC 460-84689/16		08/30/2011 18:17	1	vr463935.d	CLP-1 0.53(mm)
ZZZZZ		08/30/2011 18:33	1		CLP-2 0.53(mm)
ZZZZZ		08/30/2011 18:33	1		CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Instrument ID: PESTGC9 Start Date: 09/20/2011 01:42

Analysis Batch Number: 86731 End Date: 09/20/2011 04:59

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RINSE 460-86731/1		09/20/2011 01:42	1		CLP-2 0.53(mm)
RINSE 460-86731/1		09/20/2011 01:42	1		CLP-1 0.53(mm)
RINSE 460-86731/2		09/20/2011 01:58	1		CLP-2 0.53(mm)
RINSE 460-86731/2		09/20/2011 01:58	1		CLP-1 0.53(mm)
ZZZZZ		09/20/2011 02:14	1		CLP-2 0.53(mm)
ZZZZZ		09/20/2011 02:14	1		CLP-1 0.53(mm)
CCVRT 460-86731/4		09/20/2011 02:30	1	vf464684.d	CLP-2 0.53(mm)
CCVRT 460-86731/4		09/20/2011 02:30	1	vr464684.d	CLP-1 0.53(mm)
460-30837-2	PMP-2-WT-S (8.0-8.5)	09/20/2011 02:52	100	vf464685.d	CLP-2 0.53(mm)
460-30837-2	PMP-2-WT-S (8.0-8.5)	09/20/2011 02:52	100	vr464685.d	CLP-1 0.53(mm)
460-30837-3	PMP-2-SI-S (10.5-11.0)	09/20/2011 03:08	100	vf464686.d	CLP-2 0.53(mm)
460-30837-3	PMP-2-SI-S (10.5-11.0)	09/20/2011 03:08	100	vr464686.d	CLP-1 0.53(mm)
ZZZZZ		09/20/2011 03:24	1000		CLP-2 0.53(mm)
ZZZZZ		09/20/2011 03:24	1000		CLP-1 0.53(mm)
ZZZZZ		09/20/2011 03:39	1000		CLP-2 0.53(mm)
ZZZZZ		09/20/2011 03:39	1000		CLP-1 0.53(mm)
ZZZZZ		09/20/2011 03:55	1000		CLP-2 0.53(mm)
ZZZZZ		09/20/2011 03:55	1000		CLP-1 0.53(mm)
460-30837-7	PMP-24-SI-S (10.5-12.5)	09/20/2011 04:11	500	vf464690.d	CLP-2 0.53(mm)
460-30837-7	PMP-24-SI-S (10.5-12.5)	09/20/2011 04:11	500	vr464690.d	CLP-1 0.53(mm)
460-30837-8	PMP-22-VS-S (1.5-2.0)	09/20/2011 04:27	10	vf464691.d	CLP-2 0.53(mm)
460-30837-8	PMP-22-VS-S (1.5-2.0)	09/20/2011 04:27	10	vr464691.d	CLP-1 0.53(mm)
ZZZZZ		09/20/2011 04:43	1		CLP-2 0.53(mm)
ZZZZZ		09/20/2011 04:43	1		CLP-1 0.53(mm)
CCV 460-86731/13		09/20/2011 04:59	1	vf464693.d	CLP-2 0.53(mm)
CCV 460-86731/13		09/20/2011 04:59	1	vr464693.d	CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Instrument ID: PESTGC9 Start Date: 09/15/2011 09:49

Analysis Batch Number: 86732 End Date: 09/15/2011 15:52

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/15/2011 09:49	1		CLP-2 0.53(mm)
ZZZZZ		09/15/2011 09:49	1		CLP-1 0.53(mm)
CCV 460-86732/2		09/15/2011 10:05	1	vf464513.d	CLP-2 0.53(mm)
CCV 460-86732/2		09/15/2011 10:05	1	vr464513.d	CLP-1 0.53(mm)
MB 460-85952/1-A		09/15/2011 10:21	1	vf464514.d	CLP-2 0.53(mm)
MB 460-85952/1-A		09/15/2011 10:21	1	vr464514.d	CLP-1 0.53(mm)
LCS 460-85952/2-A		09/15/2011 10:37	1	vf464515.d	CLP-2 0.53(mm)
LCS 460-85952/2-A		09/15/2011 10:37	1	vr464515.d	CLP-1 0.53(mm)
460-30837-1 MS	PMP-2-VD-S (3.5-4.0) MS	09/15/2011 10:52	1	vf464516.d	CLP-2 0.53(mm)
460-30837-1 MS	PMP-2-VD-S (3.5-4.0) MS	09/15/2011 10:52	1	vr464516.d	CLP-1 0.53(mm)
460-30837-1 MSD	PMP-2-VD-S (3.5-4.0) MSD	09/15/2011 11:08	1	vf464517.d	CLP-2 0.53(mm)
460-30837-1 MSD	PMP-2-VD-S (3.5-4.0) MSD	09/15/2011 11:08	1	vr464517.d	CLP-1 0.53(mm)
460-30837-1	PMP-2-VD-S (3.5-4.0)	09/15/2011 11:24	1	vf464518.d	CLP-2 0.53(mm)
460-30837-1	PMP-2-VD-S (3.5-4.0)	09/15/2011 11:24	1	vr464518.d	CLP-1 0.53(mm)
ZZZZZ		09/15/2011 11:40	1		CLP-2 0.53(mm)
ZZZZZ		09/15/2011 11:40	1		CLP-1 0.53(mm)
ZZZZZ		09/15/2011 11:55	1		CLP-2 0.53(mm)
ZZZZZ		09/15/2011 11:55	1		CLP-1 0.53(mm)
ZZZZZ		09/15/2011 12:11	1		CLP-2 0.53(mm)
ZZZZZ		09/15/2011 12:11	1		CLP-1 0.53(mm)
ZZZZZ		09/15/2011 12:27	1		CLP-2 0.53(mm)
ZZZZZ		09/15/2011 12:27	1		CLP-1 0.53(mm)
ZZZZZ		09/15/2011 12:43	1		CLP-2 0.53(mm)
ZZZZZ		09/15/2011 12:43	1		CLP-1 0.53(mm)
ZZZZZ		09/15/2011 12:59	1		CLP-2 0.53(mm)
ZZZZZ		09/15/2011 12:59	1		CLP-1 0.53(mm)
ZZZZZ		09/15/2011 13:14	1		CLP-2 0.53(mm)
ZZZZZ		09/15/2011 13:14	1		CLP-1 0.53(mm)
460-30837-9	PMP-22-VD-S (3.5-5.0)	09/15/2011 13:30	1	vf464526.d	CLP-2 0.53(mm)
460-30837-9	PMP-22-VD-S (3.5-5.0)	09/15/2011 13:30	1	vr464526.d	CLP-1 0.53(mm)
460-30837-10	PMP-22-WT-S (7.0-8.5)	09/15/2011 13:46	1	vf464527.d	CLP-2 0.53(mm)
460-30837-10	PMP-22-WT-S (7.0-8.5)	09/15/2011 13:46	1	vr464527.d	CLP-1 0.53(mm)
460-30837-11	PMP-23-VS-S (1-3)	09/15/2011 14:02	1	vf464528.d	CLP-2 0.53(mm)
460-30837-11	PMP-23-VS-S (1-3)	09/15/2011 14:02	1	vr464528.d	CLP-1 0.53(mm)
460-30837-12	PMP-23-WT-S (6.5-8.5)	09/15/2011 14:18	1	vf464529.d	CLP-2 0.53(mm)
460-30837-12	PMP-23-WT-S (6.5-8.5)	09/15/2011 14:18	1	vr464529.d	CLP-1 0.53(mm)
460-30837-13	PMP-23-VD-S (3.5-5.0)	09/15/2011 14:33	1	vf464530.d	CLP-2 0.53(mm)
460-30837-13	PMP-23-VD-S (3.5-5.0)	09/15/2011 14:33	1	vr464530.d	CLP-1 0.53(mm)
460-30837-14	PMP-12-VS-S (0.5-1.0)	09/15/2011 14:49	1	vf464531.d	CLP-2 0.53(mm)
460-30837-14	PMP-12-VS-S (0.5-1.0)	09/15/2011 14:49	1	vr464531.d	CLP-1 0.53(mm)
460-30837-15	PMP-12-VD-S (2.5-3.0)	09/15/2011 15:05	1	vf464532.d	CLP-2 0.53(mm)
460-30837-15	PMP-12-VD-S (2.5-3.0)	09/15/2011 15:05	1	vr464532.d	CLP-1 0.53(mm)
460-30837-16	PMP-12-WT-S (7.0-7.5)	09/15/2011 15:20	1	vf464533.d	CLP-2 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Instrument ID: PESTGC9 Start Date: 09/15/2011 09:49

Analysis Batch Number: 86732 End Date: 09/15/2011 15:52

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
460-30837-16	PMP-12-WT-S (7.0-7.5)	09/15/2011 15:20	1	vr464533.d	CLP-1 0.53(mm)
ZZZZZ		09/15/2011 15:36	1		CLP-2 0.53(mm)
ZZZZZ		09/15/2011 15:36	1		CLP-1 0.53(mm)
CCV 460-86732/24		09/15/2011 15:52	1	vf464535.d	CLP-2 0.53(mm)
CCV 460-86732/24		09/15/2011 15:52	1	vr464535.d	CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Instrument ID: PESTGC9 Start Date: 09/15/2011 16:08

Analysis Batch Number: 86735 End Date: 09/15/2011 17:58

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVRT 460-86735/1		09/15/2011 16:08	1	vf464536.d	CLP-2 0.53(mm)
CCVRT 460-86735/1		09/15/2011 16:08	1	vr464536.d	CLP-1 0.53(mm)
PIBLK 460-86735/2		09/15/2011 16:24	1		CLP-2 0.53(mm)
PIBLK 460-86735/2		09/15/2011 16:24	1		CLP-1 0.53(mm)
460-30837-17	Dup_090811	09/15/2011 16:39	1	vf464538.d	CLP-2 0.53(mm)
460-30837-17	Dup_090811	09/15/2011 16:39	1	vr464538.d	CLP-1 0.53(mm)
460-30837-18	PMP-25-VS-S (1-3)	09/15/2011 16:55	1	vf464539.d	CLP-2 0.53(mm)
460-30837-18	PMP-25-VS-S (1-3)	09/15/2011 16:55	1	vr464539.d	CLP-1 0.53(mm)
460-30837-19	PMP-25-VD-S (3-5)	09/15/2011 17:11	1	vf464540.d	CLP-2 0.53(mm)
460-30837-19	PMP-25-VD-S (3-5)	09/15/2011 17:11	1	vr464540.d	CLP-1 0.53(mm)
460-30837-20	PMP-25-WT-S (7.5-9.5)	09/15/2011 17:27	1	vf464541.d	CLP-2 0.53(mm)
460-30837-20	PMP-25-WT-S (7.5-9.5)	09/15/2011 17:27	1	vr464541.d	CLP-1 0.53(mm)
ZZZZZ		09/15/2011 17:43	1		CLP-2 0.53(mm)
ZZZZZ		09/15/2011 17:43	1		CLP-1 0.53(mm)
CCV 460-86735/8		09/15/2011 17:58	1	vf464543.d	CLP-2 0.53(mm)
CCV 460-86735/8		09/15/2011 17:58	1	vr464543.d	CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Instrument ID: PESTGC9 Start Date: 09/20/2011 16:59

Analysis Batch Number: 86737 End Date: 09/21/2011 01:40

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/20/2011 16:59	1		CLP-2 0.53(mm)
ZZZZZ		09/20/2011 16:59	1		CLP-1 0.53(mm)
CCVRT 460-86737/2		09/20/2011 17:15	1	vf464725.d	CLP-2 0.53(mm)
CCVRT 460-86737/2		09/20/2011 17:15	1	vr464725.d	CLP-1 0.53(mm)
ZZZZZ		09/20/2011 22:14	2		CLP-2 0.53(mm)
ZZZZZ		09/20/2011 22:14	2		CLP-1 0.53(mm)
ZZZZZ		09/20/2011 22:30	10		CLP-2 0.53(mm)
ZZZZZ		09/20/2011 22:30	10		CLP-1 0.53(mm)
ZZZZZ		09/20/2011 22:46	2		CLP-2 0.53(mm)
ZZZZZ		09/20/2011 22:46	2		CLP-1 0.53(mm)
ZZZZZ		09/20/2011 23:02	2		CLP-2 0.53(mm)
ZZZZZ		09/20/2011 23:02	2		CLP-1 0.53(mm)
460-30837-4	PMP-24-VS-S (1-3)	09/20/2011 23:17	5000	vf464730.d	CLP-2 0.53(mm)
460-30837-4	PMP-24-VS-S (1-3)	09/20/2011 23:17	5000	vr464730.d	CLP-1 0.53(mm)
ZZZZZ		09/20/2011 23:33	5000		CLP-2 0.53(mm)
ZZZZZ		09/20/2011 23:33	5000		CLP-1 0.53(mm)
460-30837-6	PMP-24-WT-S (6.5-8.5)	09/20/2011 23:49	5000	vf464732.d	CLP-2 0.53(mm)
460-30837-6	PMP-24-WT-S (6.5-8.5)	09/20/2011 23:49	5000	vr464732.d	CLP-1 0.53(mm)
460-30837-5	PMP-24-VD-S (4.5-6.0)	09/21/2011 01:09	5000	vf464733.d	CLP-2 0.53(mm)
460-30837-5	PMP-24-VD-S (4.5-6.0)	09/21/2011 01:09	5000	vr464733.d	CLP-1 0.53(mm)
ZZZZZ		09/21/2011 01:25	1		CLP-2 0.53(mm)
CCV 460-86737/12		09/21/2011 01:40	1	vf464735.d	CLP-2 0.53(mm)
CCV 460-86737/12		09/21/2011 01:40	1	vr464735.d	CLP-1 0.53(mm)

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Batch Number: 85730 Batch Start Date: 09/12/11 08:23 Batch Analyst: Wu, Huachi

Batch Method: 3510C Batch End Date: 09/12/11 18:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FinalAmount	OP_PCBSP 00016	OPPSTPCBSU 00018	
MB 460-85730/1		3510C, 8082		7	1000 mL	5 mL		50 uL	
LCS 460-85730/2		3510C, 8082		7	1000 mL	5 mL	50 uL	50 uL	
LCSD 460-85730/3		3510C, 8082		7	1000 mL	5 mL	50 uL	50 uL	
460-30837-D-30	FB_090811	3510C, 8082	T	7	1000 mL	5 mL		50 uL	
460-30837-F-31	FB_090911	3510C, 8082	T	7	1000 mL	5 mL		50 uL	

Batch Notes	
Concentration End Time	1800
Concentration Start Time	1650
Person's name who did the concentration	Wuh
Exchange Solvent Lot #	J52E11
Exchange Solvent Name	Hexade
Final Concentrator Volume	5 mL
N-evap temperature	35 Degrees C
Na2SO4 Lot Number	J51636
Oven, Bath or Block Temperature 1	90
Prep Solvent Lot #	K24E11
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	HCP

Basis	Basis Description
T	Total/NA

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Batch Number: 85952 Batch Start Date: 09/14/11 04:57 Batch Analyst: Alinea, Archilles R

Batch Method: 3541 Batch End Date: 09/14/11 13:39

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPosition	OP_PCBSP 00016	OPPSTPCBSU 00018	
MB 460-85952/1		3541, 8082		15.00 g	10 mL	73		50 uL	
LCS 460-85952/2		3541, 8082		15.00 g	10 mL	74	50 uL	50 uL	
460-30837-F-1 MS	PMP-2-VD-S (3.5-4.0)	3541, 8082	T	15.02 g	10 mL	75	50 uL	50 uL	
460-30837-F-1 MSD	PMP-2-VD-S (3.5-4.0)	3541, 8082	T	15.00 g	10 mL	76	50 uL	50 uL	
460-30837-F-1	PMP-2-VD-S (3.5-4.0)	3541, 8082	T	15.03 g	10 mL	77		50 uL	
460-30837-F-2	PMP-2-WT-S (8.0-8.5)	3541, 8082	T	15.00 g	10 mL	78		50 uL	
460-30837-F-3	PMP-2-SI-S (10.5-11.0)	3541, 8082	T	15.00 g	10 mL	79		50 uL	
460-30837-F-4	PMP-24-VS-S (1-3)	3541, 8082	T	15.00 g	10 mL	80		50 uL	
460-30837-F-5	PMP-24-VD-S (4.5-6.0)	3541, 8082	T	15.00 g	10 mL	81		50 uL	
460-30837-F-6	PMP-24-WT-S (6.5-8.5)	3541, 8082	T	15.00 g	10 mL	82		50 uL	
460-30837-F-7	PMP-24-SI-S (10.5-12.5)	3541, 8082	T	15.01 g	10 mL	83		50 uL	
460-30837-F-8	PMP-22-VS-S (1.5-2.0)	3541, 8082	T	15.05 g	10 mL	84		50 uL	
460-30837-F-9	PMP-22-VD-S (3.5-5.0)	3541, 8082	T	15.04 g	10 mL	67		50 uL	
460-30837-F-10	PMP-22-WT-S (7.0-8.5)	3541, 8082	T	15.02 g	10 mL	68		50 uL	
460-30837-F-11	PMP-23-VS-S (1-3)	3541, 8082	T	15.01 g	10 mL	69		50 uL	
460-30837-F-12	PMP-23-WT-S (6.5-8.5)	3541, 8082	T	15.00 g	10 mL	70		50 uL	
460-30837-F-13	PMP-23-VD-S (3.5-5.0)	3541, 8082	T	15.00 g	10 mL	71		50 uL	
460-30837-F-14	PMP-12-VS-S (0.5-1.0)	3541, 8082	T	15.00 g	10 mL	72		50 uL	
460-30837-F-15	PMP-12-VD-S (2.5-3.0)	3541, 8082	T	15.03 g	10 mL	1		50 uL	
460-30837-F-16	PMP-12-WT-S (7.0-7.5)	3541, 8082	T	15.02 g	10 mL	2		50 uL	
460-30837-F-17	Dup_090811	3541, 8082	T	15.00 g	10 mL	3		50 uL	
460-30837-F-18	PMP-25-VS-S (1-3)	3541, 8082	T	15.05 g	10 mL	4		50 uL	
460-30837-F-19	PMP-25-VD-S (3-5)	3541, 8082	T	15.03 g	10 mL	5		50 uL	

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Batch Number: 85952 Batch Start Date: 09/14/11 04:57 Batch Analyst: Alinea, Archilles R

Batch Method: 3541 Batch End Date: 09/14/11 13:39

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPosition	OP_PCBSP 00016	OPPSTPCBSU 00018	
460-30837-F-20	PMP-25-WT-S (7.5-9.5)	3541, 8082	T	15.00 g	10 mL	6		50 uL	

Batch Notes	
Acid used for Clean Up Reagent	k13o40
Balance ID	30
Batch Comment	pcb-soil
Boiling Chips ID	10013
Person's name who did the concentration	archie
First End time	1:39pm
Vendor lot number	j44e39
Na2SO4 Lot Number	k04600
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	4:57am
TBA Lot #	op200

Basis	Basis Description
T	Total/NA

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Batch Number: 85953 Batch Start Date: 09/14/11 05:06 Batch Analyst: Alinea, Archilles R

Batch Method: 3541 Batch End Date: 09/14/11 13:41

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPosition	OP_PCBSP 00016	OPPSTPCBSU 00018	
MB 460-85953/1		3541, 8082		15.00 g	10 mL	73		50 uL	
LCS 460-85953/2		3541, 8082		15.00 g	10 mL	74	50 uL	50 uL	
460-30837-F-21 MS	PMP-14-VS-S (0.5-1.0)	3541, 8082	T	15.00 g	10 mL	75	50 uL	50 uL	
460-30837-F-21 MSD	PMP-14-VS-S (0.5-1.0)	3541, 8082	T	15.00 g	10 mL	76	50 uL	50 uL	
460-30837-F-21	PMP-14-VS-S (0.5-1.0)	3541, 8082	T	15.05 g	10 mL	77		50 uL	
460-30837-F-22	PMP-14-VD-S (2.5-3.0)	3541, 8082	T	15.00 g	10 mL	78		50 uL	
460-30837-F-23	PMP-14-WT-S (7.0-7.5)	3541, 8082	T	15.00 g	10 mL	79		50 uL	
460-30837-F-24	PMP-8-VS-S (0.5-1.0)	3541, 8082	T	15.03 g	10 mL	80		50 uL	
460-30837-F-25	PMP-8-VD-S (2.5-3.0)	3541, 8082	T	15.00 g	10 mL	81		50 uL	
460-30837-F-26	PMP-8-WT-S (7.0-7.5)	3541, 8082	T	15.00 g	10 mL	82		50 uL	
460-30837-F-27	PMP-4-VS-S (0.5-1.0)	3541, 8082	T	15.00 g	10 mL	83		50 uL	
460-30837-F-28	PMP-4-VD-S (2.5-3.0)	3541, 8082	T	15.04 g	10 mL	84		50 uL	
460-30837-F-29	PMP-4-WT-S (7.0-7.5)	3541, 8082	T	15.00 g	10 mL	67		50 uL	

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Batch Number: 85953 Batch Start Date: 09/14/11 05:06 Batch Analyst: Alinea, Archilles R

Batch Method: 3541 Batch End Date: 09/14/11 13:41

Batch Notes	
Acid used for Clean Up Reagent	k13o40
Balance ID	30
Batch Comment	pcb-soil
Boiling Chips ID	10013
Person's name who did the concentration	archie
First End time	1:41pm
Vendor lot number	j44e39
Na2SO4 Lot Number	k04600
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	5:06am
TBA Lot #	op200

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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtx-5MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	CB #	OTPH #
PMP-2-VD-S (3.5-4.0)	460-30837-1	0 X D	0 X D
PMP-2-WT-S (8.0-8.5)	460-30837-2	0 X D	0 X D
PMP-2-SI-S (10.5-11.0)	460-30837-3	0 X D	0 X D
PMP-24-VS-S (1-3)	460-30837-4	0 X D	0 X D
PMP-24-VD-S (4.5-6.0)	460-30837-5	0 X D	0 X D
PMP-24-WT-S (6.5-8.5)	460-30837-6	0 X D	0 X D
PMP-24-SI-S (10.5-12.5)	460-30837-7	0 X D	0 X D
PMP-22-VS-S (1.5-2.0)	460-30837-8	83	105
PMP-22-VD-S (3.5-5.0)	460-30837-9	62	78
PMP-22-WT-S (7.0-8.5)	460-30837-10	87	108
PMP-23-VS-S (1-3)	460-30837-11	63	80
PMP-23-WT-S (6.5-8.5)	460-30837-12	72	90
PMP-23-VD-S (3.5-5.0)	460-30837-13	74	92
PMP-12-VS-S (0.5-1.0)	460-30837-14	78	99
PMP-12-VD-S (2.5-3.0)	460-30837-15	75	95
PMP-12-WT-S (7.0-7.5)	460-30837-16	77	98
Dup_090811	460-30837-17	87	106
PMP-25-VS-S (1-3)	460-30837-18	77	99
PMP-25-VD-S (3-5)	460-30837-19	78	99
PMP-25-WT-S (7.5-9.5)	460-30837-20	89	108
PMP-14-VS-S (0.5-1.0)	460-30837-21	57	73
PMP-14-VD-S (2.5-3.0)	460-30837-22	56	68
PMP-14-WT-S (7.0-7.5)	460-30837-23	56	74
PMP-8-VS-S (0.5-1.0)	460-30837-24	0 X D	0 X D
PMP-8-VD-S (2.5-3.0)	460-30837-25	55	63
PMP-8-WT-S (7.0-7.5)	460-30837-26	55	69

	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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtx-5MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	CB #	OTPH #
PMP-4-VS-S (0.5-1.0)	460-30837-27	0 X D	0 X D
PMP-4-VD-S (2.5-3.0)	460-30837-28	54	70
PMP-4-WT-S (7.0-7.5)	460-30837-29	53	66
	MB 460-85887/1-A	75	93
	MB 460-85949/1-A	59	70
	LCS 460-85887/2-A	60	70
	LCS 460-85949/2-A	61	69
PMP-22-VD-S (3.5-5.0) MS	460-30837-9 MS	79	112
PMP-4-WT-S (7.0-7.5) MS	460-30837-29 MS	61	79
PMP-22-VD-S (3.5-5.0) MSD	460-30837-9 MSD	80	108
PMP-4-WT-S (7.0-7.5) MSD	460-30837-29 MSD	63	78

	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.: 460-30837-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-5MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	CB #	OTPH #
FB_090811	460-30837-30	60	84
FB_090911	460-30837-31	57	79
	MB 460-85857/1-A	60	84
	LCS 460-85857/2-A	58	75
	LCSD 460-85857/3-A	59	81

	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.: 460-30837-1

SDG No.:

Matrix: Water Level: Low Lab File ID: gcf47320.d

Lab ID: LCS 460-85857/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	2.00	1.73	86	62-98	

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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: gcf47372.d

Lab ID: LCS 460-85887/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	133	113	85	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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: gcf47247.d

Lab ID: LCS 460-85949/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	133	118	89	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.: 460-30837-1

SDG No.:

Matrix: Water Level: Low Lab File ID: gcf47321.d

Lab ID: LCSD 460-85857/3-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	1.87	93	8	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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: gcf47153.d

Lab ID: 460-30837-9 MS Client ID: PMP-22-VD-S (3.5-5.0) MS

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	145	30	167	95	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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: gcf47231.d

Lab ID: 460-30837-29 MS Client ID: PMP-4-WT-S (7.0-7.5) MS

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	157	6.3 U	137	87	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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: gcf47154.d

Lab ID: 460-30837-9 MSD Client ID: PMP-22-VD-S (3.5-5.0) MSD

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	145	153	85	9	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.: 460-30837-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: gcf47232.d

Lab ID: 460-30837-29 MSD Client ID: PMP-4-WT-S (7.0-7.5) MSD

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	157	143	91	4	40	58-112	

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.: 460-30837-1

SDG No.:

Lab File ID: gcf47319.d Lab Sample ID: MB 460-85857/1-A

Matrix: Water Date Extracted: 09/13/2011 07:31

Instrument ID: BNAGC1 Date Analyzed: 09/16/2011 03:27

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-85857/2-A	gcf47320.d	09/16/2011 03:37
	LCSD 460-85857/3-A	gcf47321.d	09/16/2011 03:52
FB_090811	460-30837-30	gcf47347.d	09/16/2011 10:26
FB_090911	460-30837-31	gcf47353.d	09/16/2011 11:46

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab File ID: gcf47165.d Lab Sample ID: MB 460-85887/1-A

Matrix: Solid Date Extracted: 09/13/2011 10:30

Instrument ID: BNAGC1 Date Analyzed: 09/14/2011 04:33

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PMP-22-VD-S (3.5-5.0) MS	460-30837-9 MS	gcf47153.d	09/14/2011 01:38
PMP-22-VD-S (3.5-5.0) MSD	460-30837-9 MSD	gcf47154.d	09/14/2011 01:53
PMP-22-VD-S (3.5-5.0)	460-30837-9	gcf47161.d	09/14/2011 03:25
PMP-2-VD-S (3.5-4.0)	460-30837-1	gcf47289.d	09/15/2011 18:07
PMP-2-WT-S (8.0-8.5)	460-30837-2	gcf47290.d	09/15/2011 18:22
PMP-2-SI-S (10.5-11.0)	460-30837-3	gcf47291.d	09/15/2011 18:36
PMP-24-VS-S (1-3)	460-30837-4	gcf47292.d	09/15/2011 18:50
PMP-24-VD-S (4.5-6.0)	460-30837-5	gcf47293.d	09/15/2011 19:04
PMP-24-WT-S (6.5-8.5)	460-30837-6	gcf47294.d	09/15/2011 19:30
PMP-24-SI-S (10.5-12.5)	460-30837-7	gcf47297.d	09/15/2011 20:10
PMP-22-VS-S (1.5-2.0)	460-30837-8	gcf47298.d	09/15/2011 20:22
PMP-22-WT-S (7.0-8.5)	460-30837-10	gcf47299.d	09/15/2011 20:35
PMP-23-VS-S (1-3)	460-30837-11	gcf47300.d	09/15/2011 20:50
PMP-23-WT-S (6.5-8.5)	460-30837-12	gcf47301.d	09/15/2011 21:05
PMP-23-VD-S (3.5-5.0)	460-30837-13	gcf47330.d	09/16/2011 06:18
PMP-12-VS-S (0.5-1.0)	460-30837-14	gcf47331.d	09/16/2011 06:31
PMP-12-VD-S (2.5-3.0)	460-30837-15	gcf47332.d	09/16/2011 06:45
PMP-12-WT-S (7.0-7.5)	460-30837-16	gcf47333.d	09/16/2011 07:00
Dup_090811	460-30837-17	gcf47340.d	09/16/2011 08:49
PMP-25-VS-S (1-3)	460-30837-18	gcf47341.d	09/16/2011 09:03
PMP-25-VD-S (3-5)	460-30837-19	gcf47342.d	09/16/2011 09:18
PMP-25-WT-S (7.5-9.5)	460-30837-20	gcf47343.d	09/16/2011 09:27
	LCS 460-85887/2-A	gcf47372.d	09/16/2011 16:19

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab File ID: gcf47230.d Lab Sample ID: MB 460-85949/1-A

Matrix: Solid Date Extracted: 09/13/2011 21:17

Instrument ID: BNAGC1 Date Analyzed: 09/15/2011 03:56

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PMP-4-WT-S (7.0-7.5) MS	460-30837-29 MS	gcf47231.d	09/15/2011 04:11
PMP-4-WT-S (7.0-7.5) MSD	460-30837-29 MSD	gcf47232.d	09/15/2011 04:25
PMP-4-WT-S (7.0-7.5)	460-30837-29	gcf47233.d	09/15/2011 04:34
	LCS 460-85949/2-A	gcf47247.d	09/15/2011 08:00
PMP-14-VS-S (0.5-1.0)	460-30837-21	gcf47377.d	09/16/2011 17:44
PMP-14-VD-S (2.5-3.0)	460-30837-22	gcf47378.d	09/16/2011 17:53
PMP-14-WT-S (7.0-7.5)	460-30837-23	gcf47379.d	09/16/2011 18:08
PMP-8-VS-S (0.5-1.0)	460-30837-24	gcf47380.d	09/16/2011 18:23
PMP-8-VD-S (2.5-3.0)	460-30837-25	gcf47381.d	09/16/2011 18:33
PMP-8-WT-S (7.0-7.5)	460-30837-26	gcf47382.d	09/16/2011 18:47
PMP-4-VS-S (0.5-1.0)	460-30837-27	gcf47383.d	09/16/2011 19:02
PMP-4-VD-S (2.5-3.0)	460-30837-28	gcf47384.d	09/16/2011 19:12

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-2-VD-S (3.5-4.0) | Lab Sample ID: 460-30837-1

Matrix: Solid | Lab File ID: gcf47289.d

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 09/08/2011 16:15

Extraction Method: 3546 | Date Extracted: 09/13/2011 10:30

Sample wt/vol: 15.01(g) | Date Analyzed: 09/15/2011 18:07

Con. Extract Vol.: 1(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 6.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86242 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	2800		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: gcf47289.d
Report Date: 15-Sep-2011 22:10

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-15-11/15sep11b.b/gcf47289.d
Lab Smp Id: 460-30837-F-1-A Client Smp ID: PMP-2-VD-S (3.5-4.0
Inj Date : 15-SEP-2011 18:07
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-30837-F-1-A
Misc Info : 460-30837-F-1-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-15-11/15sep11b.b/QAM2009r.m
Meth Date : 15-Sep-2011 21:51 diazc Quant Type: ESTD
Cal Date : 13-SEP-2011 09:34 Cal File: gcf47091.d
Als bottle: 53
Dil Factor: 20.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

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	15.01000	Weight of sample extracted (g)
M	6.14203	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

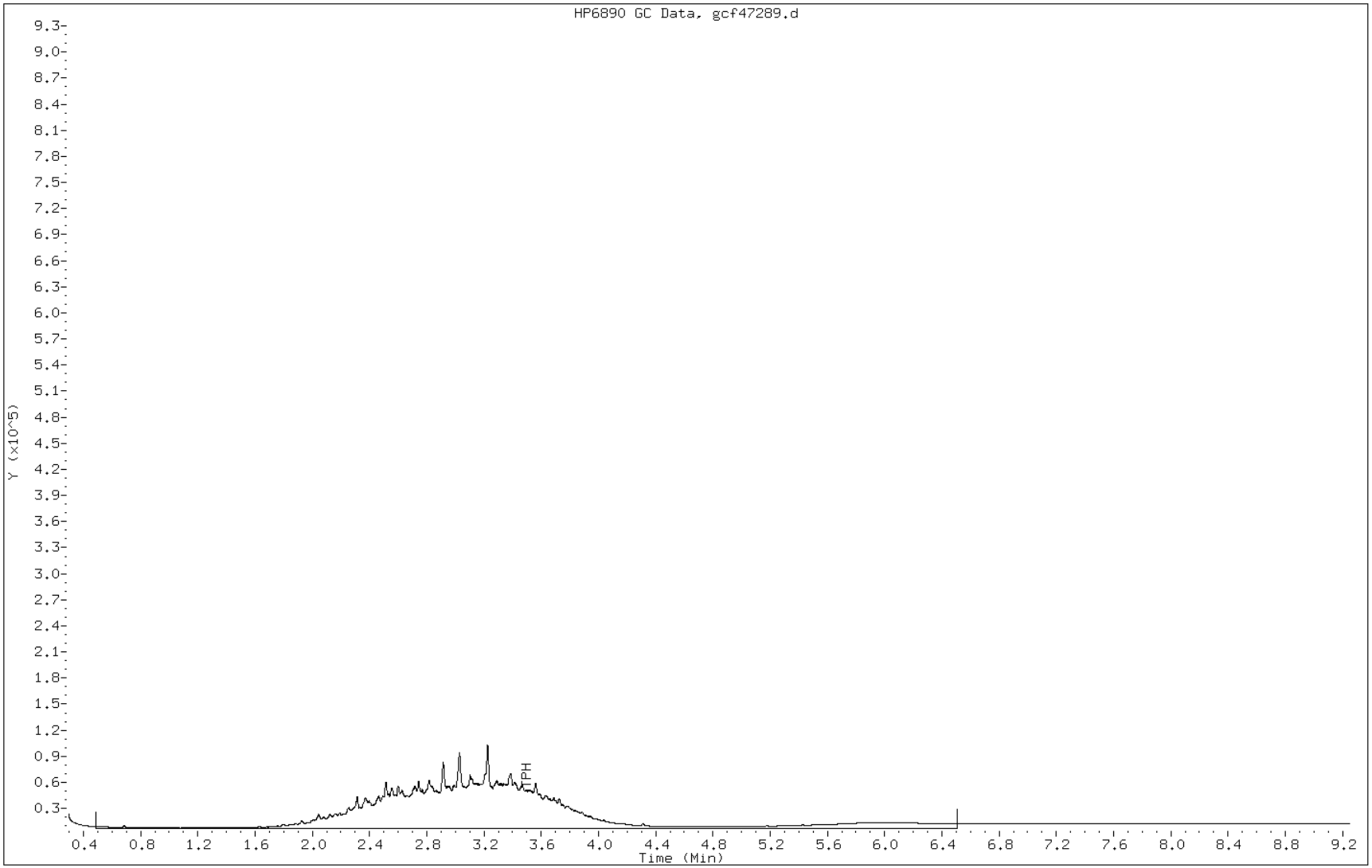
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	Compound Not Detected.					
$ 2 Chlorobenzene (sur)	Compound Not Detected.					
3 TPH	3.496	0.193	3.303	100170034	1975.26	2800

Data File: gcf47289.d

Date: 15-SEP-2011 18:07

Client ID: PMP-2-VD-S (3.5-4.0 Instrument: BNAGC1.i

Sample Info: 460-30837-F-1-A Operator: BNAGC1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-2-WT-S (8.0-8.5) Lab Sample ID: 460-30837-2

Matrix: Solid Lab File ID: gcf47290.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/08/2011 16:20

Extraction Method: 3546 Date Extracted: 09/13/2011 10:30

Sample wt/vol: 15.02(g) Date Analyzed: 09/15/2011 18:22

Con. Extract Vol.: 1(mL) Dilution Factor: 100

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 12.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86242 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	7100		630	630

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: gcf47290.d
Report Date: 15-Sep-2011 22:11

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-15-11/15sep11b.b/gcf47290.d
Lab Smp Id: 460-30837-F-2-A Client Smp ID: PMP-2-WT-S (8.0-8.5
Inj Date : 15-SEP-2011 18:22
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-30837-F-2-A
Misc Info : 460-30837-F-2-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-15-11/15sep11b.b/QAM2009r.m
Meth Date : 15-Sep-2011 21:51 diazc Quant Type: ESTD
Cal Date : 13-SEP-2011 09:34 Cal File: gcf47091.d
Als bottle: 54
Dil Factor: 100.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	100.00000	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	12.45614	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

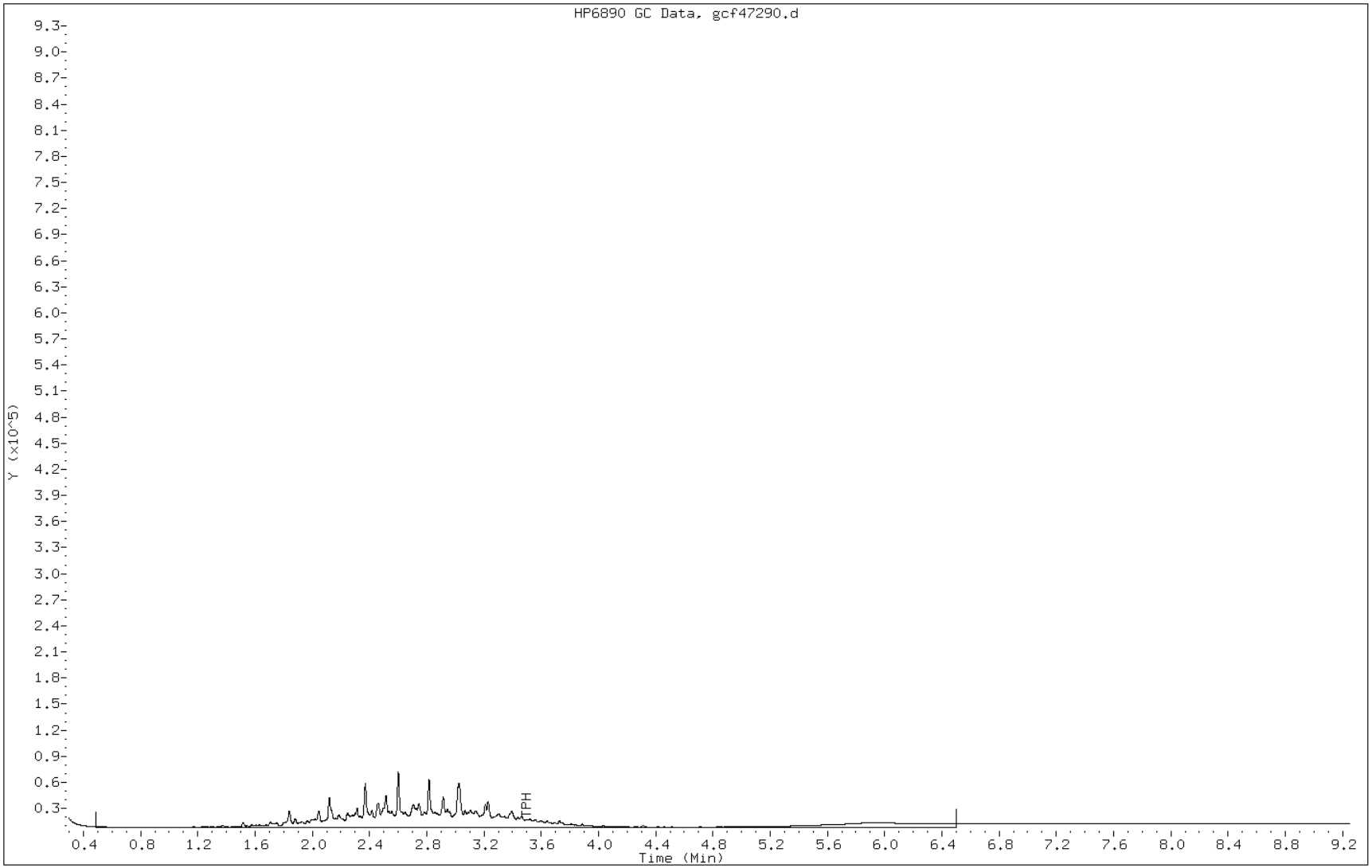
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	Compound Not Detected.					
$ 2 Chlorobenzene (sur)	Compound Not Detected.					
3 TPH	3.497	0.193	3.304	47151637	929.784	7070

Data File: gcf47290.d

Date: 15-SEP-2011 18:22

Client ID: PMP-2-WT-S (8.0-8.5 Instrument: BNAGC1.i

Sample Info: 460-30837-F-2-A Operator: BNAGC1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-2-SI-S (10.5-11.0) Lab Sample ID: 460-30837-3

Matrix: Solid Lab File ID: gcf47291.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/08/2011 16:25

Extraction Method: 3546 Date Extracted: 09/13/2011 10:30

Sample wt/vol: 15.00(g) Date Analyzed: 09/15/2011 18:36

Con. Extract Vol.: 1(mL) Dilution Factor: 100

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 15.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86242 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	6800		650	650

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: gcf47291.d
Report Date: 15-Sep-2011 22:12

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-15-11/15sep11b.b/gcf47291.d
Lab Smp Id: 460-30837-F-3-A Client Smp ID: PMP-2-SI-S (10.5-11
Inj Date : 15-SEP-2011 18:36
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-30837-F-3-A
Misc Info : 460-30837-F-3-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-15-11/15sep11b.b/QAM2009r.m
Meth Date : 15-Sep-2011 21:51 diazc Quant Type: ESTD
Cal Date : 13-SEP-2011 09:34 Cal File: gcf47091.d
Als bottle: 55
Dil Factor: 100.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	100.00000	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	15.19231	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

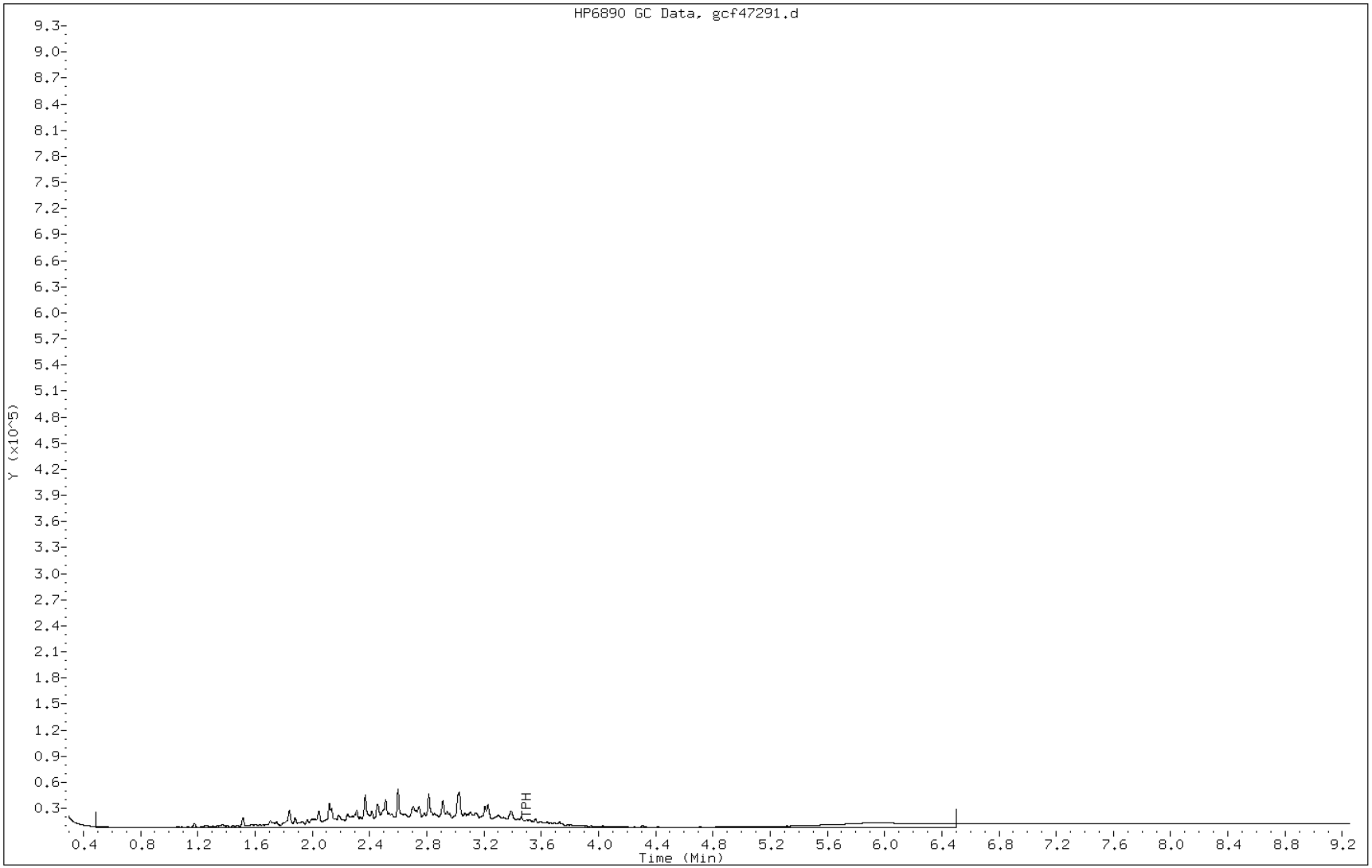
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	Compound Not Detected.					
$ 2 Chlorobenzene (sur)	Compound Not Detected.					
3 TPH	3.497	0.193	3.304	43758628	862.878	6780

Data File: gcf47291.d

Date: 15-SEP-2011 18:36

Client ID: PMP-2-SI-S (10.5-11 Instrument: BNAGC1.i

Sample Info: 460-30837-F-3-A Operator: BNAGC1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-24-VS-S (1-3) Lab Sample ID: 460-30837-4

Matrix: Solid Lab File ID: gcf47292.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/08/2011 16:40

Extraction Method: 3546 Date Extracted: 09/13/2011 10:30

Sample wt/vol: 15.02(g) Date Analyzed: 09/15/2011 18:50

Con. Extract Vol.: 1(mL) Dilution Factor: 100

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 6.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86242 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	9600		590	590

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: gcf47292.d
Report Date: 15-Sep-2011 22:12

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-15-11/15sep11b.b/gcf47292.d
Lab Smp Id: 460-30837-F-4-A Client Smp ID: PMP-24-VS-S (1-3)
Inj Date : 15-SEP-2011 18:50
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-30837-F-4-A
Misc Info : 460-30837-F-4-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-15-11/15sep11b.b/QAM2009r.m
Meth Date : 15-Sep-2011 21:51 diazc Quant Type: ESTD
Cal Date : 13-SEP-2011 09:34 Cal File: gcf47091.d
Als bottle: 56
Dil Factor: 100.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	100.00000	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	6.73401	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

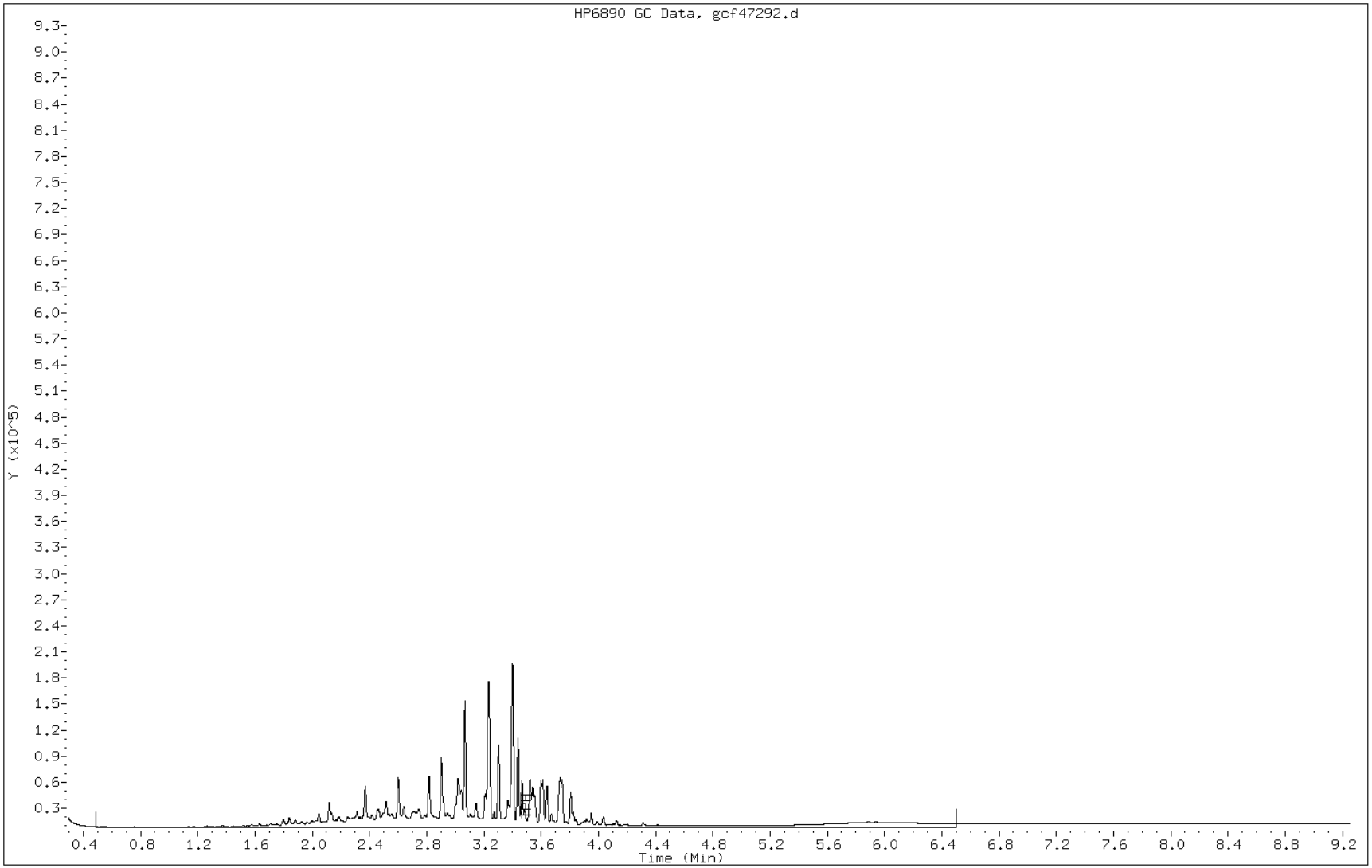
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	Compound Not Detected.					
$ 2 Chlorobenzene (sur)	Compound Not Detected.					
3 TPH	3.497	0.193	3.304	68307997	1346.97	9620

Data File: gcf47292.d

Date: 15-SEP-2011 18:50

Client ID: PMP-24-VS-S (1-3) Instrument: BNAGC1.i

Sample Info: 460-30837-F-4-A Operator: BNAGC1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-24-VD-S (4.5-6.0) Lab Sample ID: 460-30837-5

Matrix: Solid Lab File ID: gcf47293.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/08/2011 16:45

Extraction Method: 3546 Date Extracted: 09/13/2011 10:30

Sample wt/vol: 15.02(g) Date Analyzed: 09/15/2011 19:04

Con. Extract Vol.: 1(mL) Dilution Factor: 200

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 9.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86242 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	22000		1200	1200

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: gcf47293.d
Report Date: 15-Sep-2011 22:17

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-15-11/15sep11b.b/gcf47293.d
Lab Smp Id: 460-30837-F-5-A Client Smp ID: PMP-24-VD-S (4.5-6.
Inj Date : 15-SEP-2011 19:04
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-30837-F-5-A
Misc Info : 460-30837-F-5-A
Comment :
Method : /chem/BNAGC1.i/QAM2010/front/09-15-11/15sep11b.b/QAM2009r.m
Meth Date : 15-Sep-2011 21:51 diazc Quant Type: ESTD
Cal Date : 13-SEP-2011 09:34 Cal File: gcf47091.d
Als bottle: 57
Dil Factor: 200.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	200.00000	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	9.67153	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

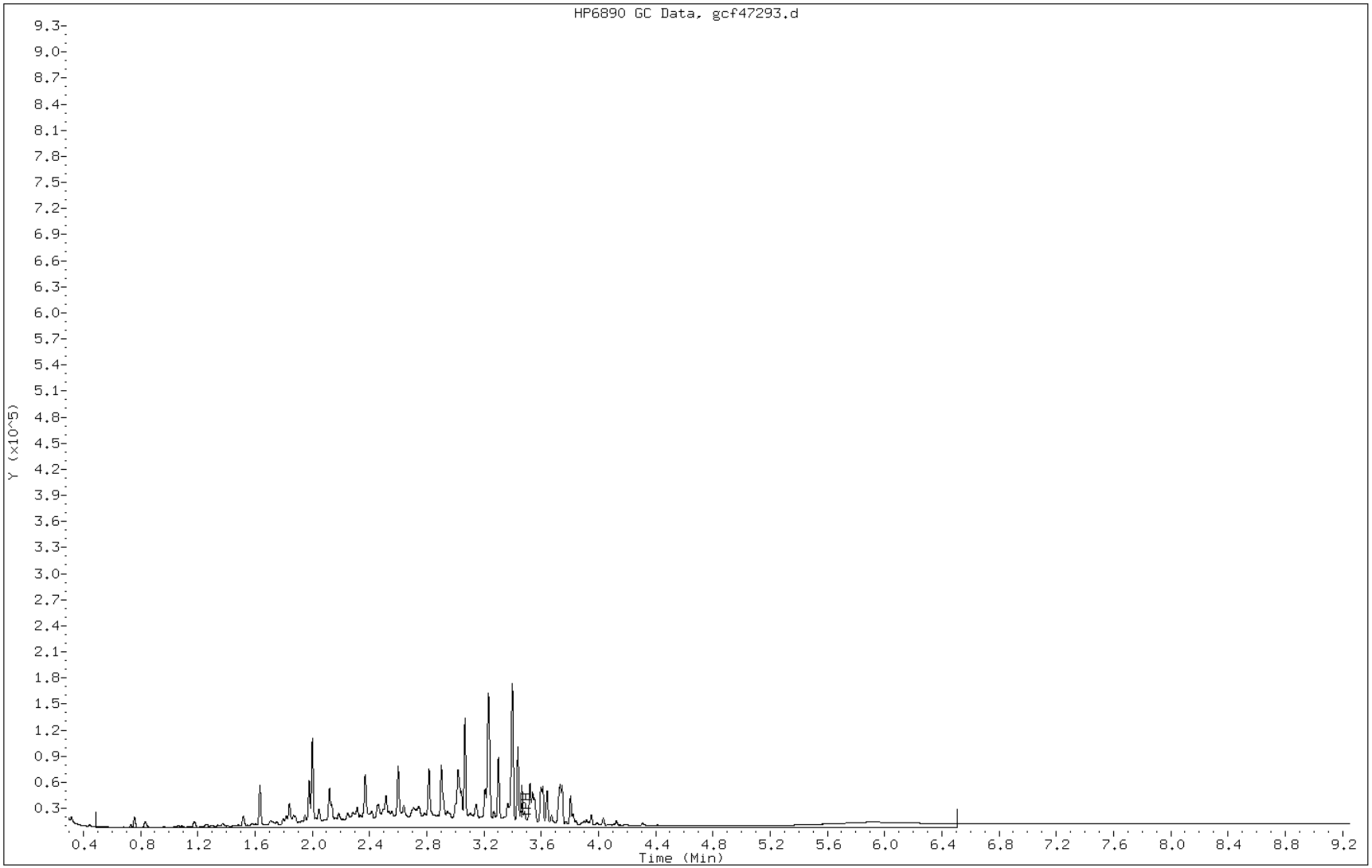
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	Compound Not Detected.					
$ 2 Chlorobenzene (sur)	Compound Not Detected.					
3 TPH	3.497	0.193	3.304	75424387	1487.30	21900

Data File: gcf47293.d

Date: 15-SEP-2011 19:04

Client ID: PMP-24-VD-S (4.5-6. Instrument: BNAGC1.i

Sample Info: 460-30837-F-5-A Operator: BNAGC1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-24-WT-S (6.5-8.5) Lab Sample ID: 460-30837-6

Matrix: Solid Lab File ID: gcf47294.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/08/2011 16:55

Extraction Method: 3546 Date Extracted: 09/13/2011 10:30

Sample wt/vol: 15.01(g) Date Analyzed: 09/15/2011 19:30

Con. Extract Vol.: 1(mL) Dilution Factor: 100

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 14.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86242 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	13000		640	640

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: gcf47294.d
Report Date: 15-Sep-2011 22:18

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-15-11/15sep11b.b/gcf47294.d
Lab Smp Id: 460-30837-F-6-A Client Smp ID: PMP-24-WT-S (6.5-8.
Inj Date : 15-SEP-2011 19:30
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-30837-F-6-A
Misc Info : 460-30837-F-6-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-15-11/15sep11b.b/QAM2009r.m
Meth Date : 15-Sep-2011 21:51 diazc Quant Type: ESTD
Cal Date : 13-SEP-2011 09:34 Cal File: gcf47091.d
Als bottle: 58
Dil Factor: 100.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	100.00000	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	14.08163	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

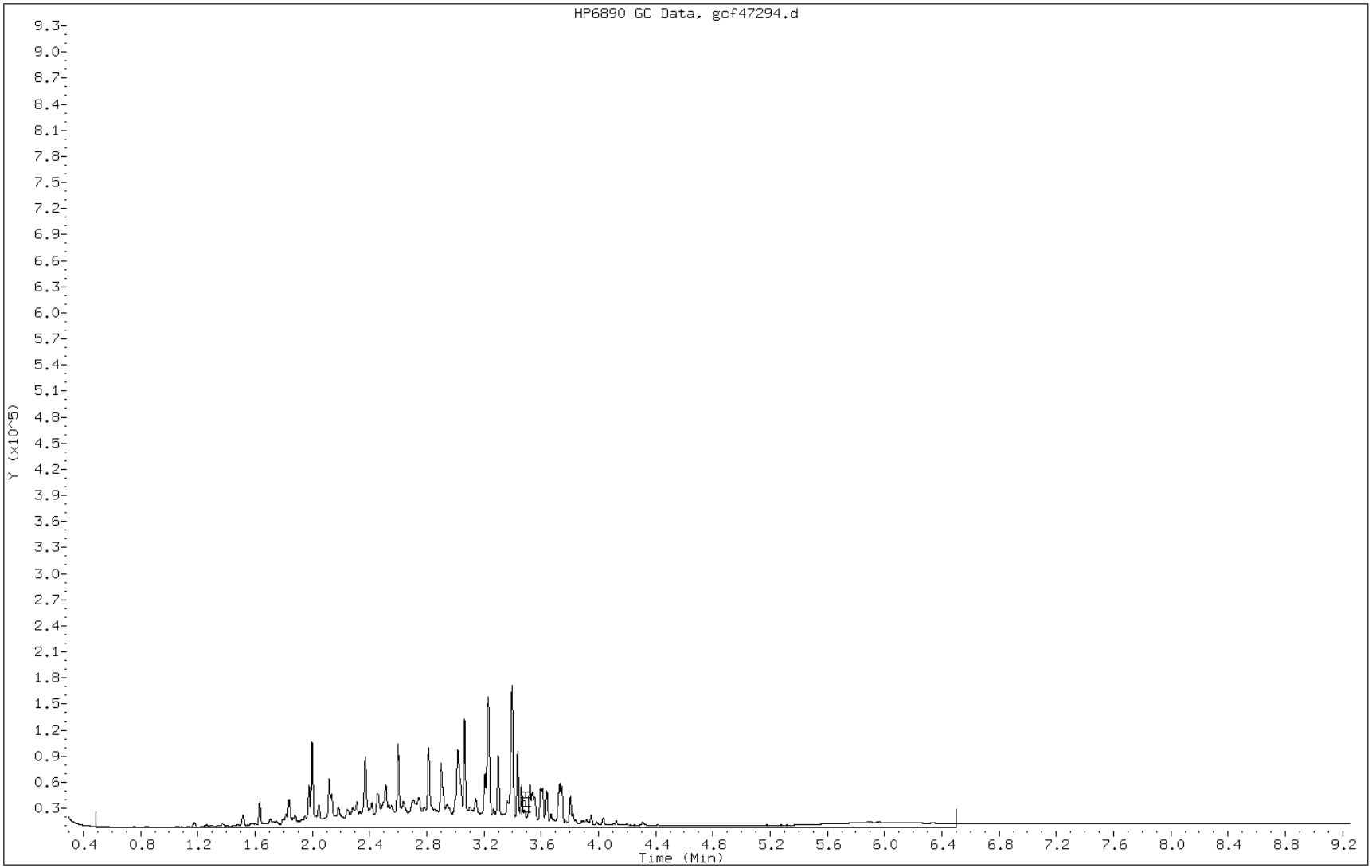
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	Compound Not Detected.					
$ 2 Chlorobenzene (sur)	Compound Not Detected.					
3 TPH	3.496	0.193	3.303	84963679	1675.40	13000

Data File: gcf47294.d

Date: 15-SEP-2011 19:30

Client ID: PMP-24-WT-S (6.5-8. Instrument: BNAGC1.i

Sample Info: 460-30837-F-6-A Operator: BNAGC1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-24-SI-S (10.5-12.5) Lab Sample ID: 460-30837-7

Matrix: Solid Lab File ID: gcf47297.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/08/2011 17:05

Extraction Method: 3546 Date Extracted: 09/13/2011 10:30

Sample wt/vol: 15.04(g) Date Analyzed: 09/15/2011 20:10

Con. Extract Vol.: 1(mL) Dilution Factor: 100

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 13.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86242 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	7300		630	630

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: gcf47297.d
Report Date: 15-Sep-2011 22:20

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-15-11/15sep11b.b/gcf47297.d
Lab Smp Id: 460-30837-F-7-A Client Smp ID: PMP-24-SI-S (10.5-1
Inj Date : 15-SEP-2011 20:10
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-30837-F-7-A
Misc Info : 460-30837-F-7-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-15-11/15sep11b.b/QAM2009r.m
Meth Date : 15-Sep-2011 21:51 diazc Quant Type: ESTD
Cal Date : 13-SEP-2011 09:34 Cal File: gcf47091.d
Als bottle: 59
Dil Factor: 100.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	100.00000	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	13.43284	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

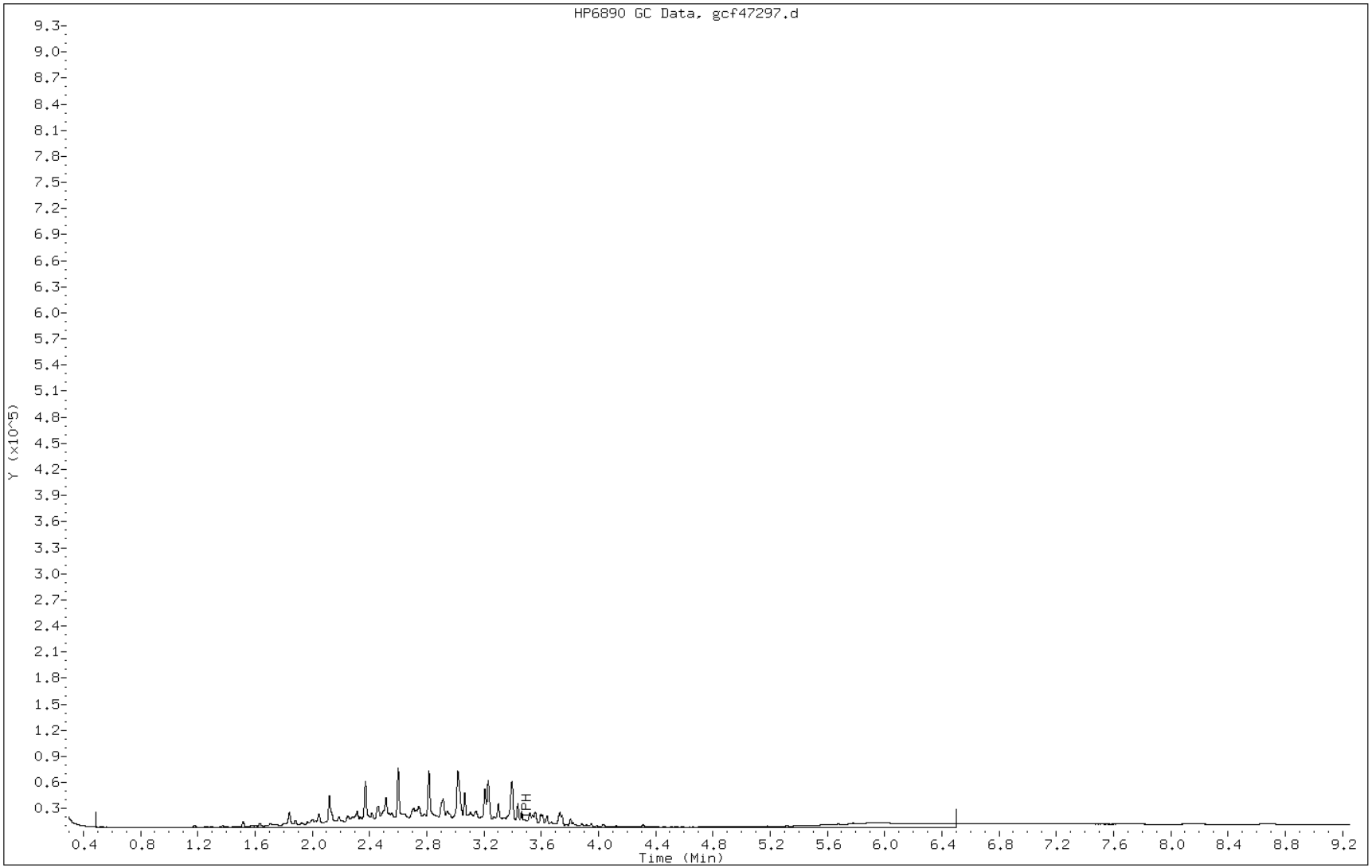
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	Compound Not Detected.					
$ 2 Chlorobenzene (sur)	Compound Not Detected.					
3 TPH	3.496	0.193	3.303	48218260	950.817	7300

Data File: gcf47297.d

Date: 15-SEP-2011 20:10

Client ID: PMP-24-SI-S (10.5-1 Instrument: BNAGC1.i

Sample Info: 460-30837-F-7-A Operator: BNAGC1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-22-VS-S (1.5-2.0) Lab Sample ID: 460-30837-8

Matrix: Solid Lab File ID: gcf47298.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/08/2011 17:25

Extraction Method: 3546 Date Extracted: 09/13/2011 10:30

Sample wt/vol: 15.00(g) Date Analyzed: 09/15/2011 20:22

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 5.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86242 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	64		5.8	5.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	105		48-112
108-90-7	Chlorobenzene	83		32-106

Data File: gcf47298.d
Report Date: 15-Sep-2011 22:30

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-15-11/15sep11b.b/gcf47298.d
Lab Smp Id: 460-30837-F-8-A Client Smp ID: PMP-22-VS-S (1.5-2.
Inj Date : 15-SEP-2011 20:22
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-30837-F-8-A
Misc Info : 460-30837-F-8-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-15-11/15sep11b.b/QAM2009r.m
Meth Date : 15-Sep-2011 21:51 diazc Quant Type: ESTD
Cal Date : 13-SEP-2011 09:34 Cal File: gcf47091.d
Als bottle: 60
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

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	5.65371	% 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)	3.424	3.497	-0.073	1374663	20.9763	1.5(M)
$ 2 Chlorobenzene (sur)	0.684	0.682	0.002	879223	16.5389	1.2(M)
3 TPH	5.401	0.193	5.208	45795321	903.039	63.8(M)

QC Flag Legend

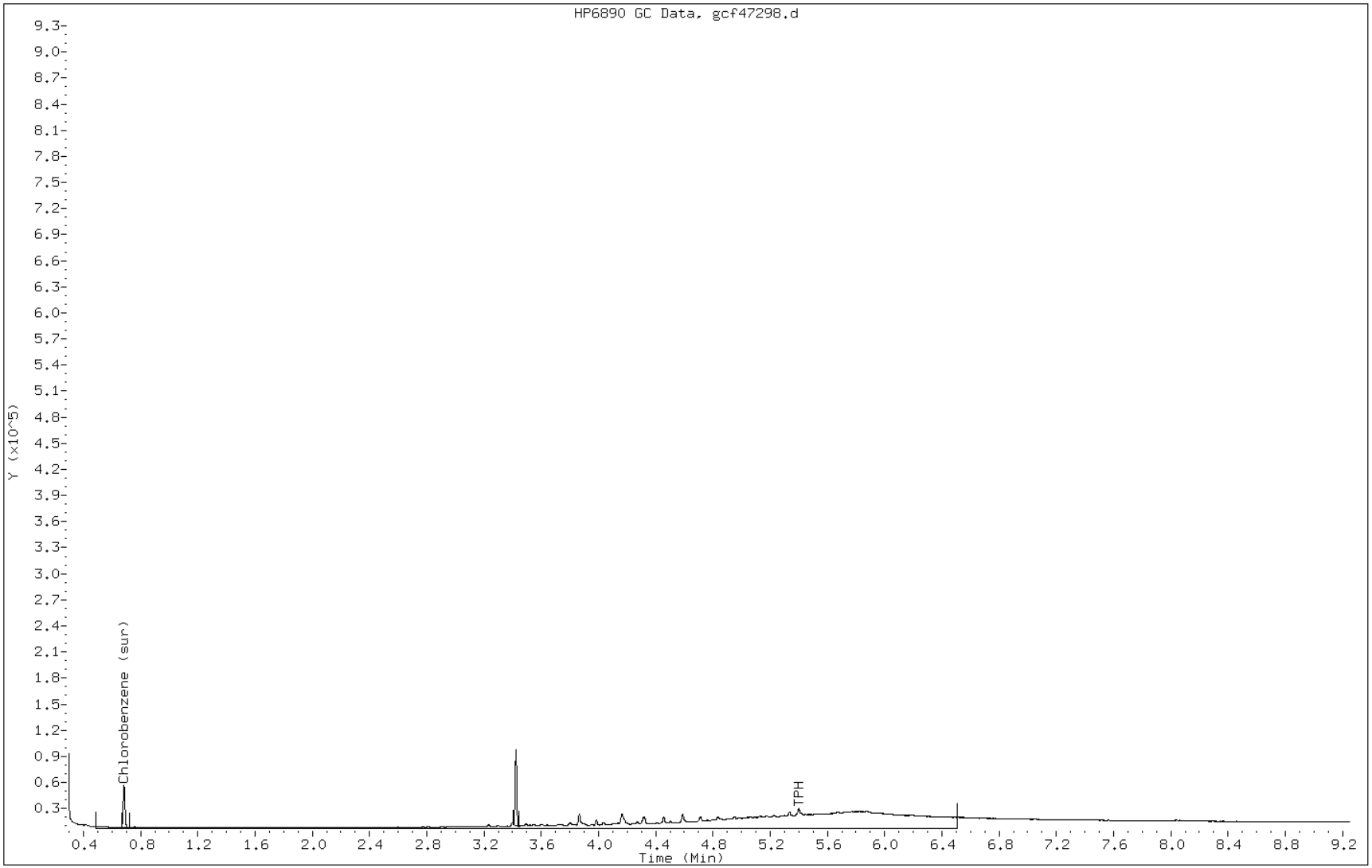
M - Compound response manually integrated.

Data File: gcf47298.d

Date: 15-SEP-2011 20:22

Client ID: PMP-22-VS-S (1.5-2. Instrument: BNAGC1.i

Sample Info: 460-30837-F-8-A Operator: BNAGC1



Manual Integration Report

Data File: gcf47298.d
Inj. Date and Time: 15-SEP-2011 20:22
Instrument ID: BNAGC1.i
Client ID: PMP-22-VS-S (1.5-2.
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/15/2011

Processing Integration Results

Not Detected

Expected RT: 3.42

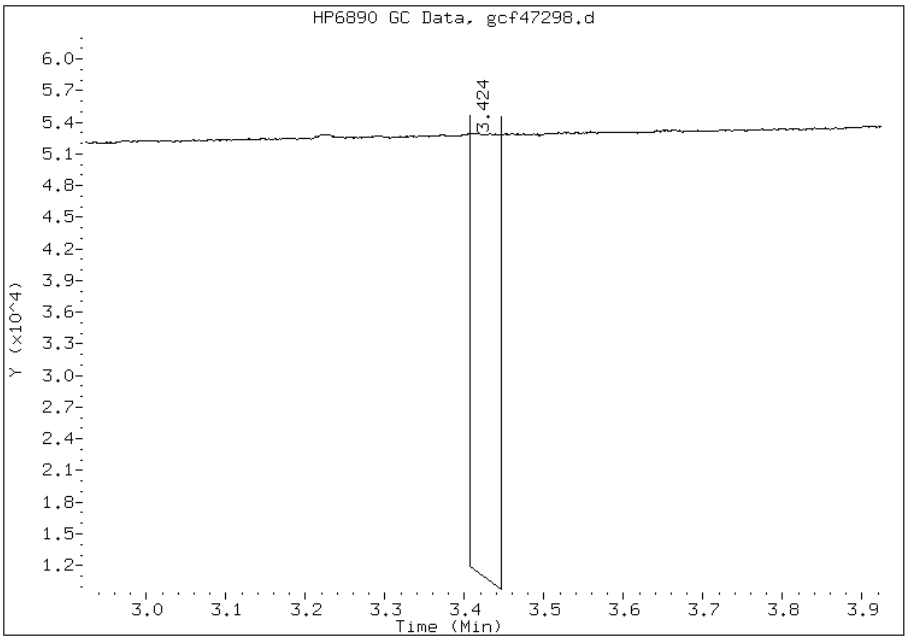
Manual Integration Results

RT: 3.42

Response: 1374663

Amount: 20.98

Conc: 1.48



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf47298.d
Inj. Date and Time: 15-SEP-2011 20:22
Instrument ID: BNAGC1.i
Client ID: PMP-22-VS-S (1.5-2.
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/15/2011

Processing Integration Results

Not Detected

Expected RT: 0.68

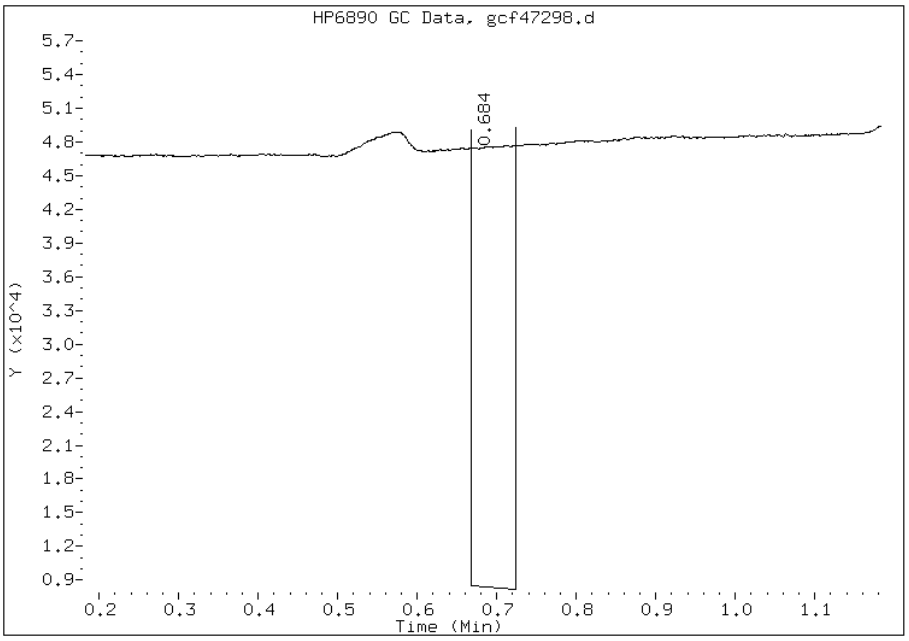
Manual Integration Results

RT: 0.68

Response: 879223

Amount: 16.54

Conc: 1.17



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-22-VD-S (3.5-5.0) Lab Sample ID: 460-30837-9

Matrix: Solid Lab File ID: gcf47161.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/08/2011 17:30

Extraction Method: 3546 Date Extracted: 09/13/2011 10:30

Sample wt/vol: 15.03(g) Date Analyzed: 09/14/2011 03:25

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.: 86248 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	30		5.8	5.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	78		48-112
108-90-7	Chlorobenzene	62		32-106

Data File: gcf47161.d
Report Date: 16-Sep-2011 01:31

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-12-11ical/12sep11c.b/gcf47161.d
Lab Smp Id: 460-30837-F-9-C Client Smp ID: PMP-22-VD-S (3.5-5.
Inj Date : 14-SEP-2011 03:25
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-30837-F-9-C
Misc Info : 460-30837-F-9-C
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-12-11ical/12sep11c.b/QAM2009r.m
Meth Date : 15-Sep-2011 01:42 diazc Quant Type: ESTD
Cal Date : 13-SEP-2011 09:34 Cal File: gcf47091.d
Als bottle: 61
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

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	5.16899	% 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)	3.433	3.432	0.001	1017238	15.5222	1.1(M)
$	2 Chlorobenzene (sur)	0.690	0.689	0.001	661480	12.4430	0.87(M)
	3 TPH	5.882	1.187	4.695	21545841	424.863	29.8(M)

QC Flag Legend

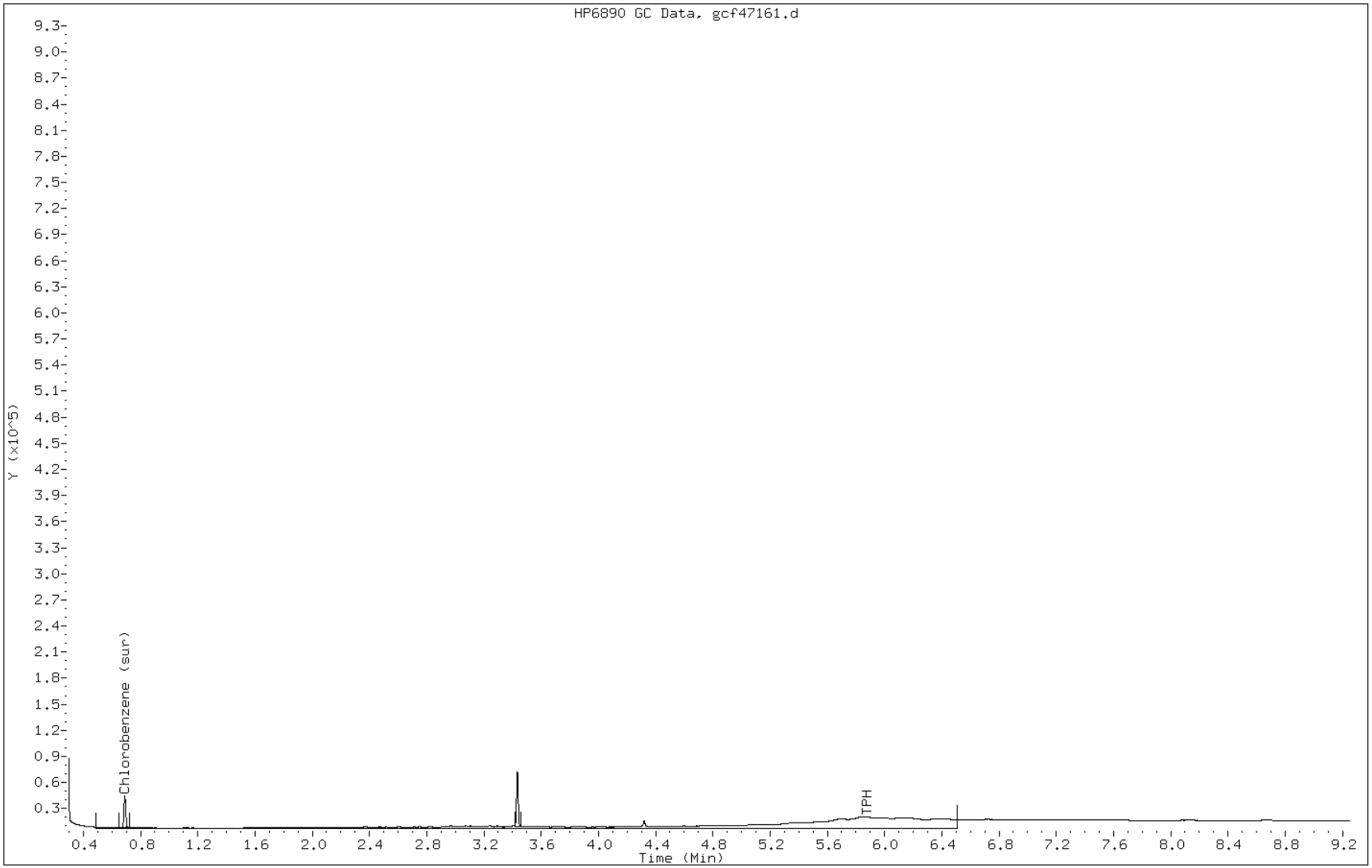
M - Compound response manually integrated.

Data File: gcf47161.d

Date: 14-SEP-2011 03:25

Client ID: PMP-22-VD-S (3.5-5. Instrument: BNAGC1.i

Sample Info: 460-30837-F-9-C Operator: BNAGC1



Manual Integration Report

Data File: gcf47161.d
Inj. Date and Time: 14-SEP-2011 03:25
Instrument ID: BNAGC1.i
Client ID: PMP-22-VD-S (3.5-5.
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/16/2011

Processing Integration Results

Not Detected

Expected RT: 3.43

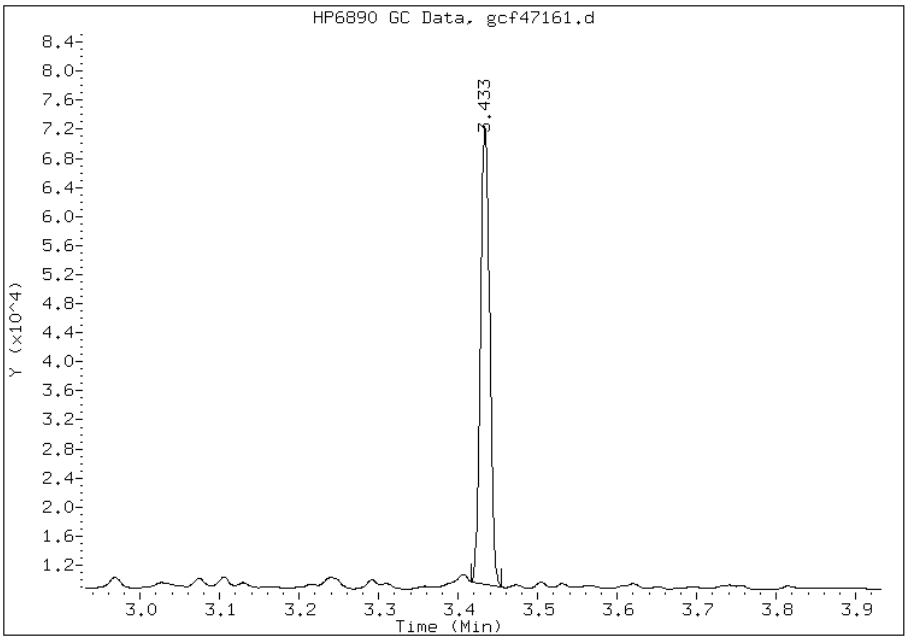
Manual Integration Results

RT: 3.43

Response: 1017238

Amount: 15.52

Conc: 1.09



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf47161.d
Inj. Date and Time: 14-SEP-2011 03:25
Instrument ID: BNAGC1.i
Client ID: PMP-22-VD-S (3.5-5.
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/16/2011

Processing Integration Results

Not Detected

Expected RT: 0.69

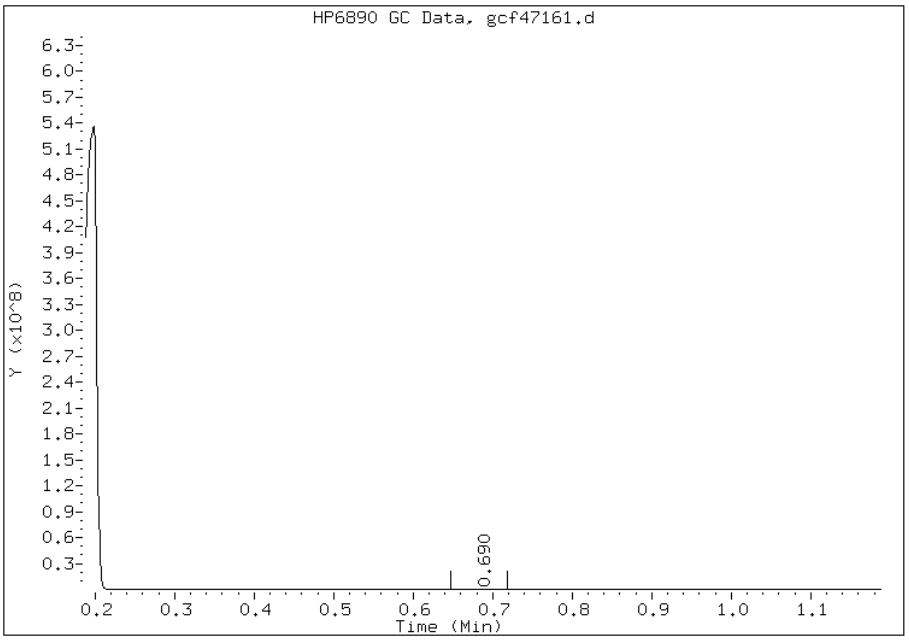
Manual Integration Results

RT: 0.69

Response: 661480

Amount: 12.44

Conc: 0.87



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-22-WT-S (7.0-8.5) Lab Sample ID: 460-30837-10

Matrix: Solid Lab File ID: gcf47299.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/08/2011 17:35

Extraction Method: 3546 Date Extracted: 09/13/2011 10:30

Sample wt/vol: 15.03(g) Date Analyzed: 09/15/2011 20:35

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 16.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86242 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	29		6.6	6.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	108		48-112
108-90-7	Chlorobenzene	87		32-106

Data File: gcf47299.d
Report Date: 15-Sep-2011 22:31

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-15-11/15sep11b.b/gcf47299.d
Lab Smp Id: 460-30837-F-10-A Client Smp ID: PMP-22-WT-S (7.0-8.
Inj Date : 15-SEP-2011 20:35
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-30837-F-10-A
Misc Info : 460-30837-F-10-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-15-11/15sep11b.b/QAM2009r.m
Meth Date : 15-Sep-2011 21:51 diazc Quant Type: ESTD
Cal Date : 13-SEP-2011 09:34 Cal File: gcf47091.d
Als bottle: 62
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

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	16.21094	% 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)	3.424	3.497	-0.073	1414011	21.5767	1.7(M)
$ 2 Chlorobenzene (sur)	0.684	0.682	0.002	921188	17.3283	1.4(M)
3 TPH	3.867	0.193	3.674	18375407	362.345	28.8(M)

QC Flag Legend

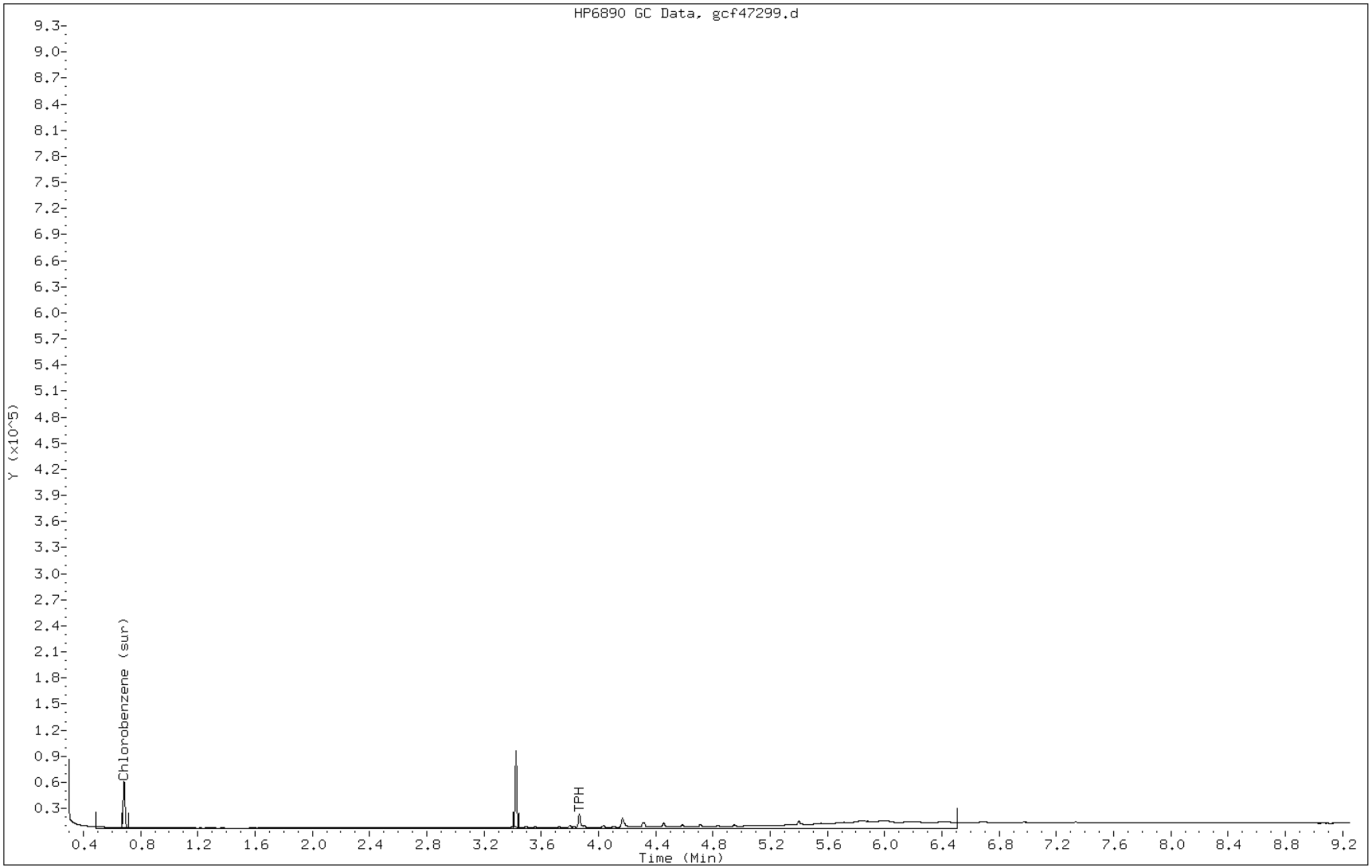
M - Compound response manually integrated.

Data File: gcf47299.d

Date: 15-SEP-2011 20:35

Client ID: PMP-22-WT-S (7.0-8. Instrument: BNAGC1.i

Sample Info: 460-30837-F-10-A Operator: BNAGC1



Manual Integration Report

Data File: gcf47299.d
Inj. Date and Time: 15-SEP-2011 20:35
Instrument ID: BNAGC1.i
Client ID: PMP-22-WT-S (7.0-8.
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/15/2011

Processing Integration Results

Not Detected

Expected RT: 3.42

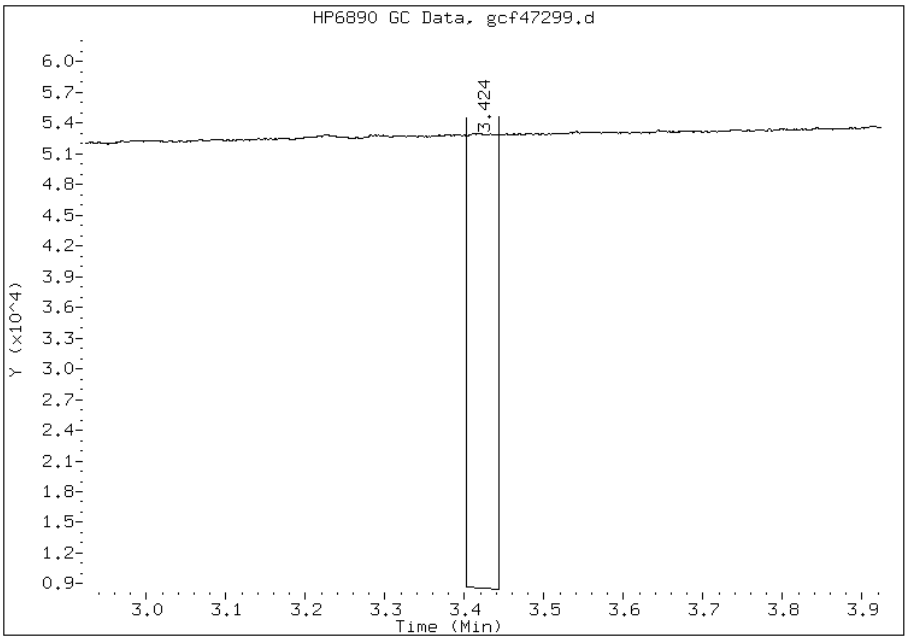
Manual Integration Results

RT: 3.42

Response: 1414011

Amount: 21.58

Conc: 1.71



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf47299.d
Inj. Date and Time: 15-SEP-2011 20:35
Instrument ID: BNAGC1.i
Client ID: PMP-22-WT-S (7.0-8.
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/15/2011

Processing Integration Results

Not Detected

Expected RT: 0.68

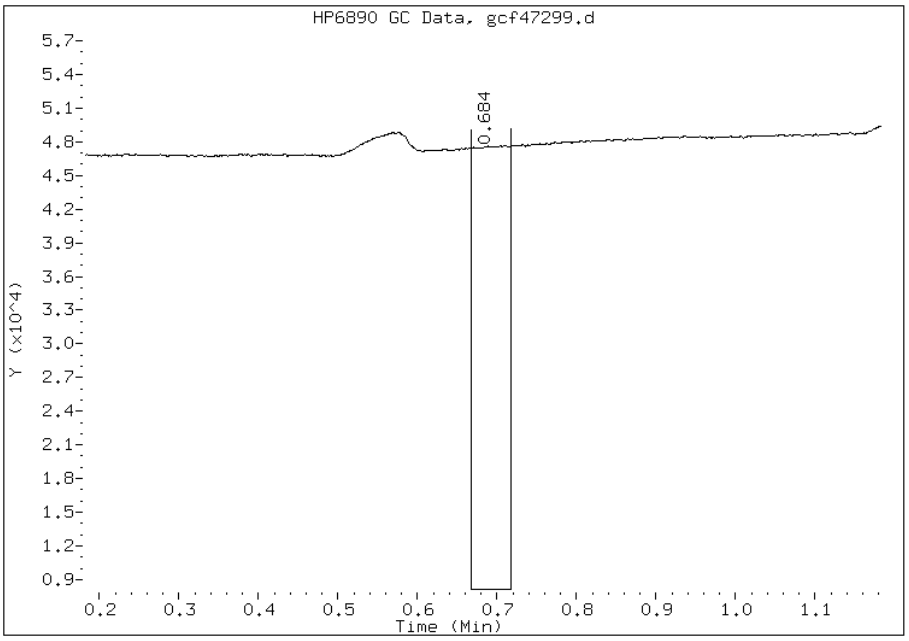
Manual Integration Results

RT: 0.68

Response: 921188

Amount: 17.33

Conc: 1.38



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-23-VS-S (1-3) Lab Sample ID: 460-30837-11

Matrix: Solid Lab File ID: gcf47300.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/08/2011 17:40

Extraction Method: 3546 Date Extracted: 09/13/2011 10:30

Sample wt/vol: 15.02(g) Date Analyzed: 09/15/2011 20:50

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 4.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86242 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	62		5.8	5.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	80		48-112
108-90-7	Chlorobenzene	63		32-106

Data File: gcf47300.d
Report Date: 15-Sep-2011 22:31

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-15-11/15sep11b.b/gcf47300.d
Lab Smp Id: 460-30837-F-11-A Client Smp ID: PMP-23-VS-S (1-3)
Inj Date : 15-SEP-2011 20:50
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-30837-F-11-A
Misc Info : 460-30837-F-11-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-15-11/15sep11b.b/QAM2009r.m
Meth Date : 15-Sep-2011 21:51 diazc Quant Type: ESTD
Cal Date : 13-SEP-2011 09:34 Cal File: gcf47091.d
Als bottle: 63
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

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	4.70588	% 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)	3.424	3.497	-0.073	1050830	16.0348	1.1(M)
$ 2 Chlorobenzene (sur)	0.685	0.682	0.003	675072	12.6987	0.89(M)
3 TPH	5.334	0.193	5.141	44969698	886.759	62.0(M)

QC Flag Legend

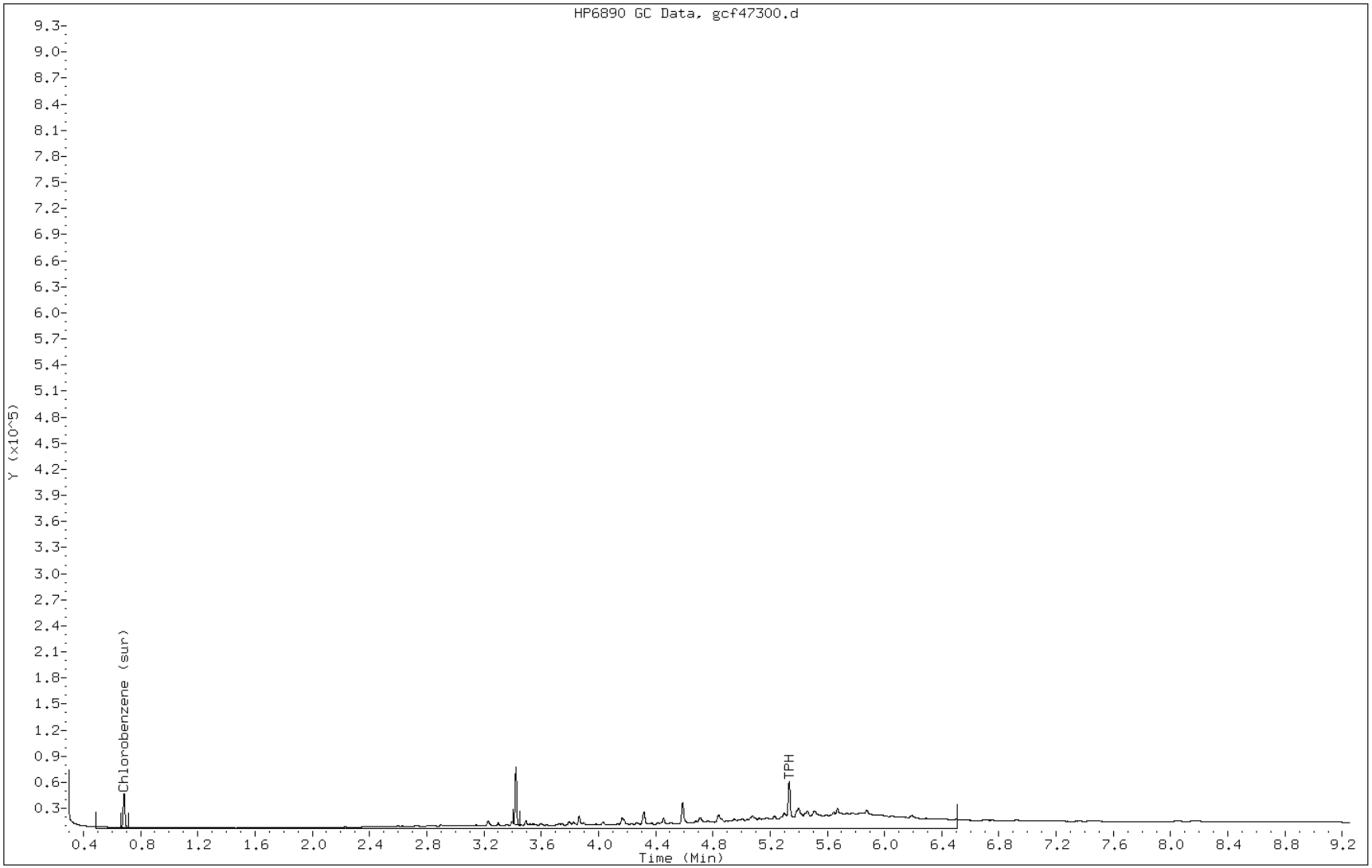
M - Compound response manually integrated.

Data File: gcf47300.d

Date: 15-SEP-2011 20:50

Client ID: PMP-23-VS-S (1-3) Instrument: BNAGC1.i

Sample Info: 460-30837-F-11-A Operator: BNAGC1



Manual Integration Report

Data File: gcf47300.d
Inj. Date and Time: 15-SEP-2011 20:50
Instrument ID: BNAGC1.i
Client ID: PMP-23-VS-S (1-3)
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/15/2011

Processing Integration Results

Not Detected

Expected RT: 3.42

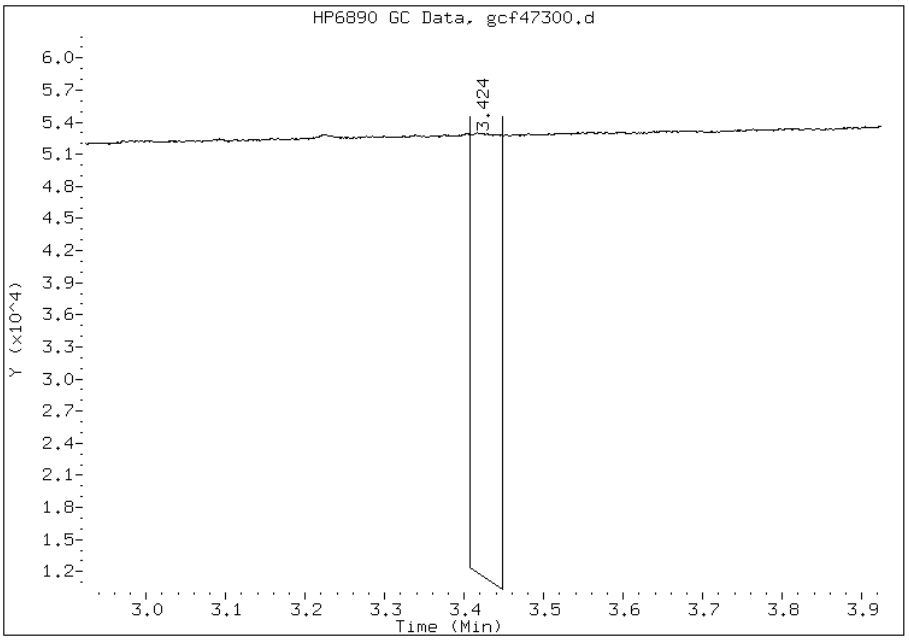
Manual Integration Results

RT: 3.42

Response: 1050830

Amount: 16.03

Conc: 1.12



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf47300.d
Inj. Date and Time: 15-SEP-2011 20:50
Instrument ID: BNAGC1.i
Client ID: PMP-23-VS-S (1-3)
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/15/2011

Processing Integration Results

Not Detected

Expected RT: 0.68

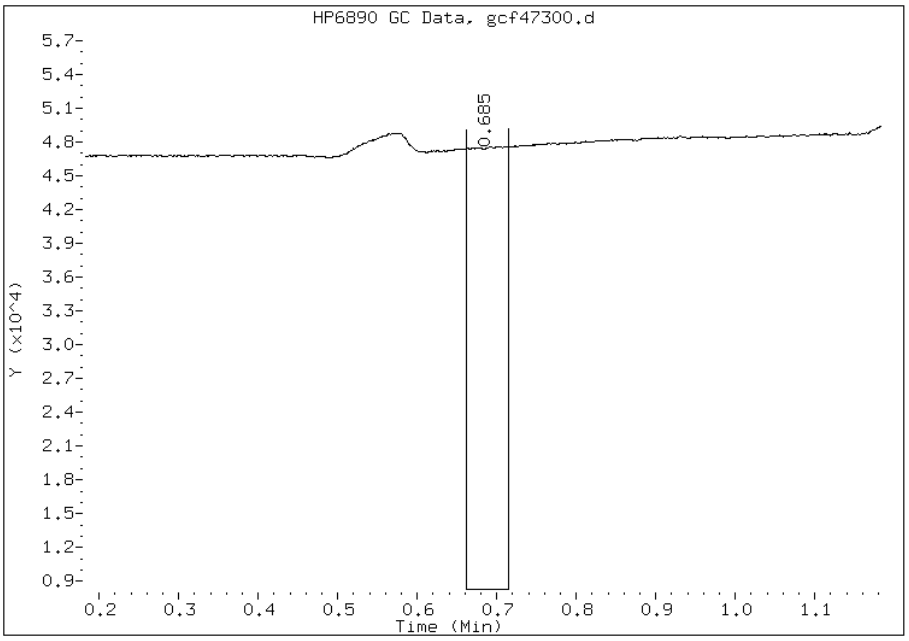
Manual Integration Results

RT: 0.68

Response: 675072

Amount: 12.70

Conc: 0.89



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-23-WT-S (6.5-8.5) Lab Sample ID: 460-30837-12

Matrix: Solid Lab File ID: gcf47301.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/08/2011 17:50

Extraction Method: 3546 Date Extracted: 09/13/2011 10:30

Sample wt/vol: 15.03(g) Date Analyzed: 09/15/2011 21:05

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 12.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86242 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	24		6.3	6.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	90		48-112
108-90-7	Chlorobenzene	72		32-106

Data File: gcf47301.d
Report Date: 15-Sep-2011 22:32

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-15-11/15sep11b.b/gcf47301.d
Lab Smp Id: 460-30837-F-12-A Client Smp ID: PMP-23-WT-S (6.5-8.
Inj Date : 15-SEP-2011 21:05
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-30837-F-12-A
Misc Info : 460-30837-F-12-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-15-11/15sep11b.b/QAM2009r.m
Meth Date : 15-Sep-2011 21:51 diazc Quant Type: ESTD
Cal Date : 13-SEP-2011 09:34 Cal File: gcf47091.d
Als bottle: 64
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

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	12.18638	% 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)	3.424	3.497	-0.073	1179128	17.9925	1.4(M)
$ 2 Chlorobenzene (sur)	0.683	0.682	0.001	768126	14.4491	1.1(M)
3 TPH	3.867	0.193	3.674	16397478	323.342	24.5(M)

QC Flag Legend

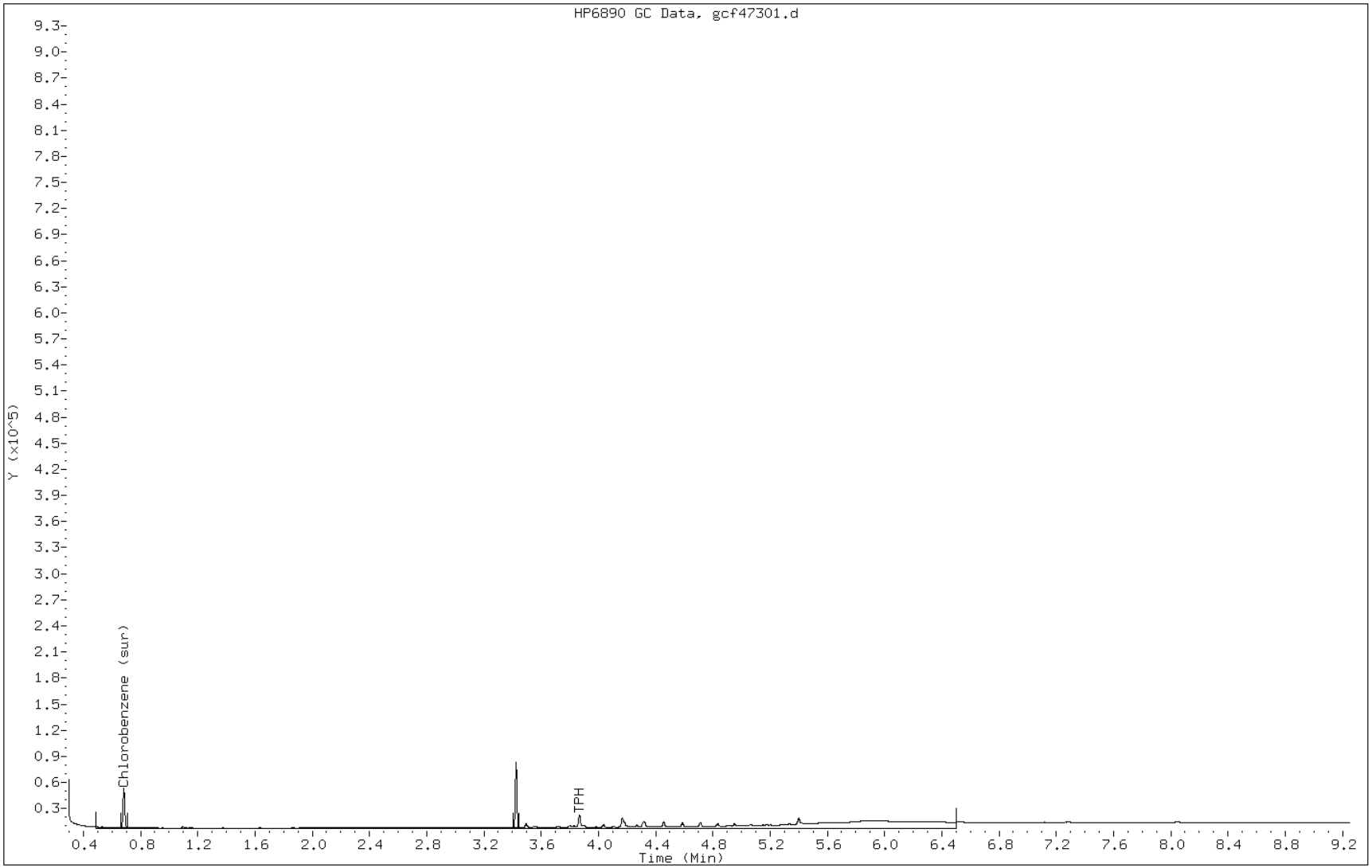
M - Compound response manually integrated.

Data File: gcf47301.d

Date: 15-SEP-2011 21:05

Client ID: PMP-23-WT-S (6.5-8. Instrument: BNAGC1.i

Sample Info: 460-30837-F-12-A Operator: BNAGC1



Manual Integration Report

Data File: gcf47301.d
Inj. Date and Time: 15-SEP-2011 21:05
Instrument ID: BNAGC1.i
Client ID: PMP-23-WT-S (6.5-8.
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/15/2011

Processing Integration Results

Not Detected

Expected RT: 3.42

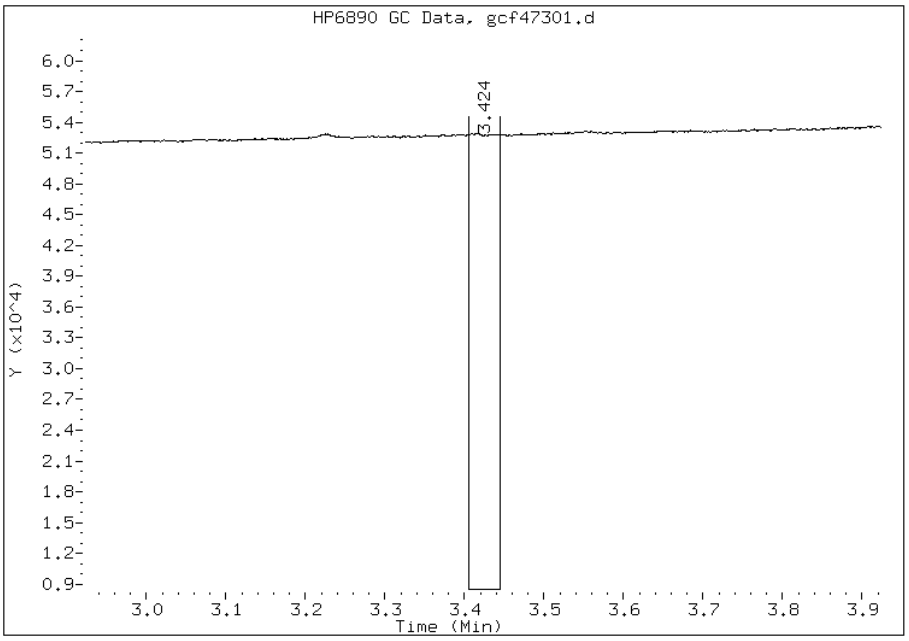
Manual Integration Results

RT: 3.42

Response: 1179128

Amount: 17.99

Conc: 1.36



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf47301.d
Inj. Date and Time: 15-SEP-2011 21:05
Instrument ID: BNAGC1.i
Client ID: PMP-23-WT-S (6.5-8.
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/15/2011

Processing Integration Results

Not Detected

Expected RT: 0.68

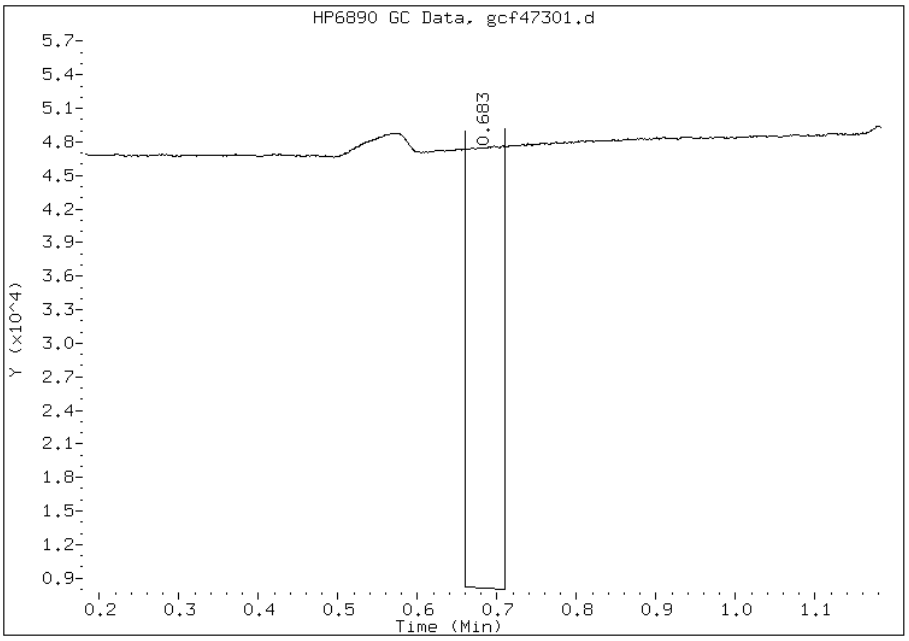
Manual Integration Results

RT: 0.68

Response: 768126

Amount: 14.45

Conc: 1.09



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-23-VD-S (3.5-5.0) Lab Sample ID: 460-30837-13

Matrix: Solid Lab File ID: gcf47330.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/08/2011 17:45

Extraction Method: 3546 Date Extracted: 09/13/2011 10:30

Sample wt/vol: 15.00(g) Date Analyzed: 09/16/2011 06:18

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 3.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86370 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	7.0	*	5.7	5.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	92		48-112
108-90-7	Chlorobenzene	74		32-106

Data File: gcf47330.d
Report Date: 16-Sep-2011 16:21

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-16-11/16sep11a.b/gcf47330.d
Lab Smp Id: 460-30837-F-13-A Client Smp ID: PMP-23-VD-S (3.5-5.
Inj Date : 16-SEP-2011 06:18
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-30837-F-13-A
Misc Info : 460-30837-F-13-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-16-11/16sep11a.b/QAM2009r.m
Meth Date : 16-Sep-2011 16:21 nimerd Quant Type: ESTD
Cal Date : 13-SEP-2011 09:34 Cal File: gcf47091.d
Als bottle: 65
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

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	3.69650	% 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)	3.425	3.423	0.002	1202756	18.3531	1.3(M)
$ 2 Chlorobenzene (sur)	0.683	0.682	0.001	792040	14.8989	1.0(M)
3 TPH	3.866	2.815	1.051	5093220	100.433	7.0(M)

QC Flag Legend

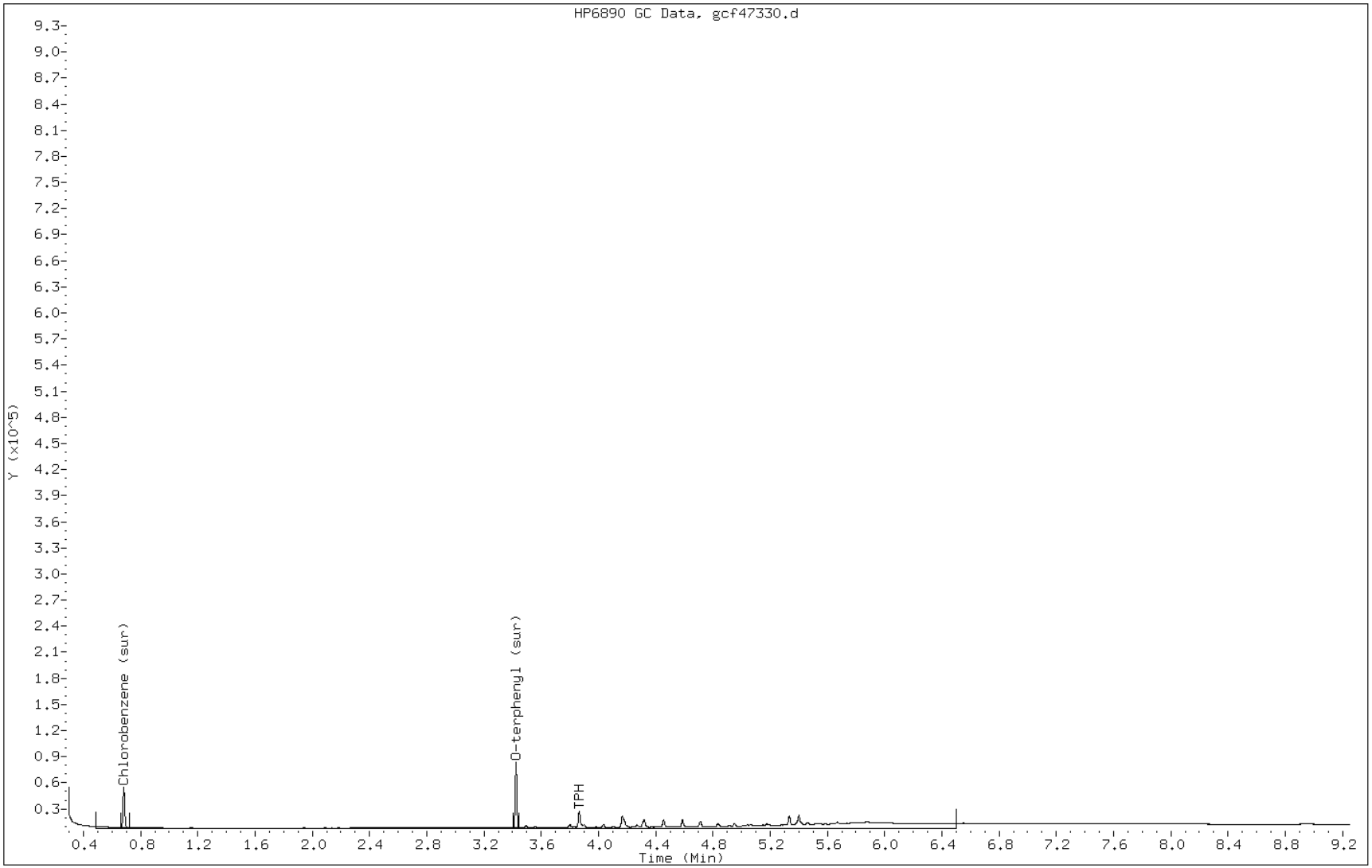
M - Compound response manually integrated.

Data File: gcf47330.d

Date: 16-SEP-2011 06:18

Client ID: PMP-23-VD-S (3.5-5. Instrument: BNAGC1.i

Sample Info: 460-30837-F-13-A Operator: BNAGC1



Manual Integration Report

Data File: gcf47330.d
Inj. Date and Time: 16-SEP-2011 06:18
Instrument ID: BNAGC1.i
Client ID: PMP-23-VD-S (3.5-5.
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/16/2011

Processing Integration Results

Not Detected

Expected RT: 3.42

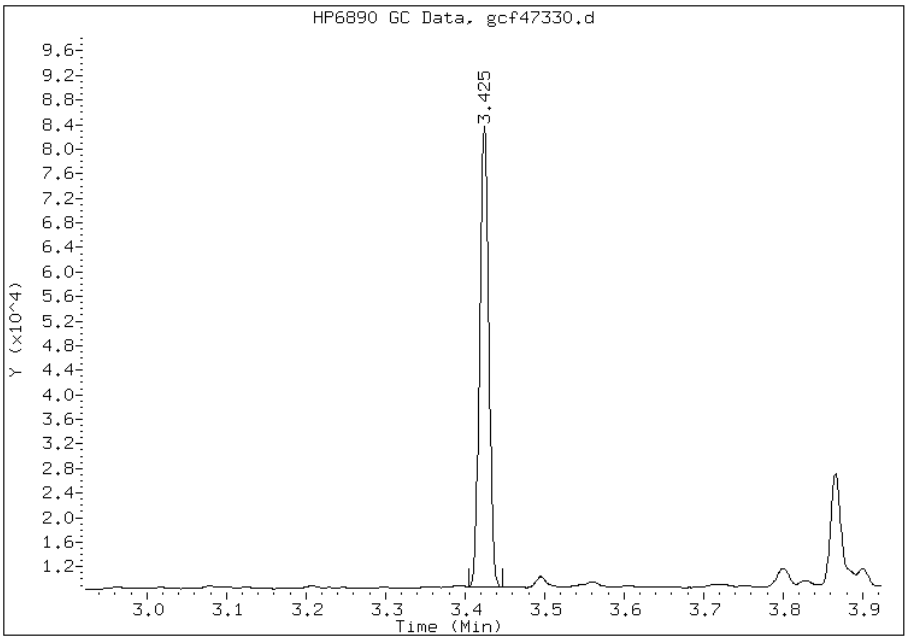
Manual Integration Results

RT: 3.42

Response: 1202756

Amount: 18.35

Conc: 1.27



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf47330.d
Inj. Date and Time: 16-SEP-2011 06:18
Instrument ID: BNAGC1.i
Client ID: PMP-23-VD-S (3.5-5.
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/16/2011

Processing Integration Results

Not Detected

Expected RT: 0.68

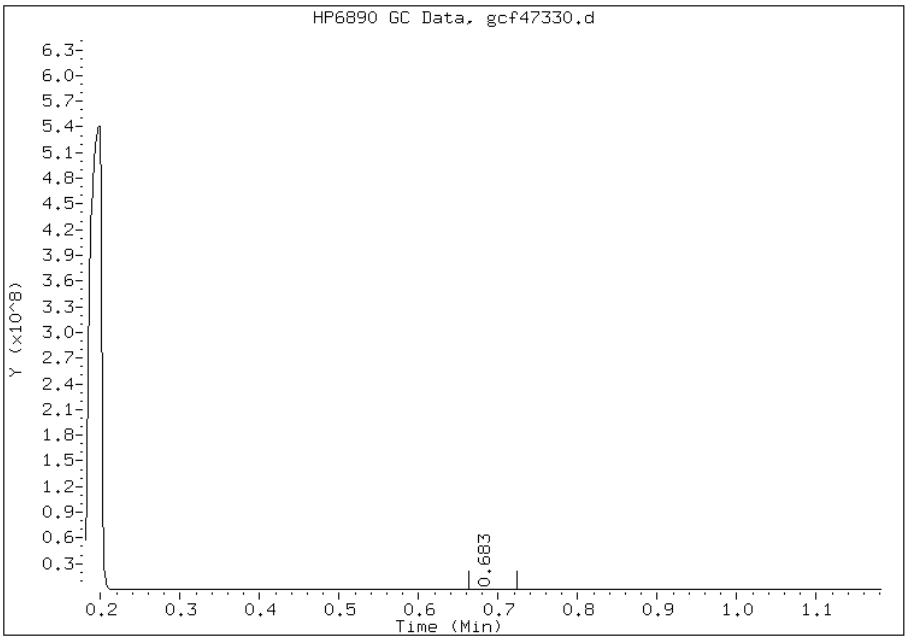
Manual Integration Results

RT: 0.68

Response: 792040

Amount: 14.90

Conc: 1.03



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-12-VS-S (0.5-1.0) Lab Sample ID: 460-30837-14

Matrix: Solid Lab File ID: gcf47331.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/09/2011 09:05

Extraction Method: 3546 Date Extracted: 09/13/2011 10:30

Sample wt/vol: 15.01(g) Date Analyzed: 09/16/2011 06:31

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 5.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86370 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	97		5.8	5.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	99		48-112
108-90-7	Chlorobenzene	78		32-106

Data File: gcf47331.d
Report Date: 16-Sep-2011 16:21

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-16-11/16sep11a.b/gcf47331.d
Lab Smp Id: 460-30837-F-14-A Client Smp ID: PMP-12-VS-S (0.5-1.
Inj Date : 16-SEP-2011 06:31
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-30837-F-14-A
Misc Info : 460-30837-F-14-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-16-11/16sep11a.b/QAM2009r.m
Meth Date : 16-Sep-2011 16:21 nimerd Quant Type: ESTD
Cal Date : 13-SEP-2011 09:34 Cal File: gcf47091.d
Als bottle: 66
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

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	5.79439	% 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)	3.424	3.423	0.001	1298897	19.8201	1.4(M)
$ 2 Chlorobenzene (sur)	0.683	0.682	0.001	824396	15.5076	1.1(M)
3 TPH	5.335	2.815	2.520	69778534	1375.96	97.3(M)

QC Flag Legend

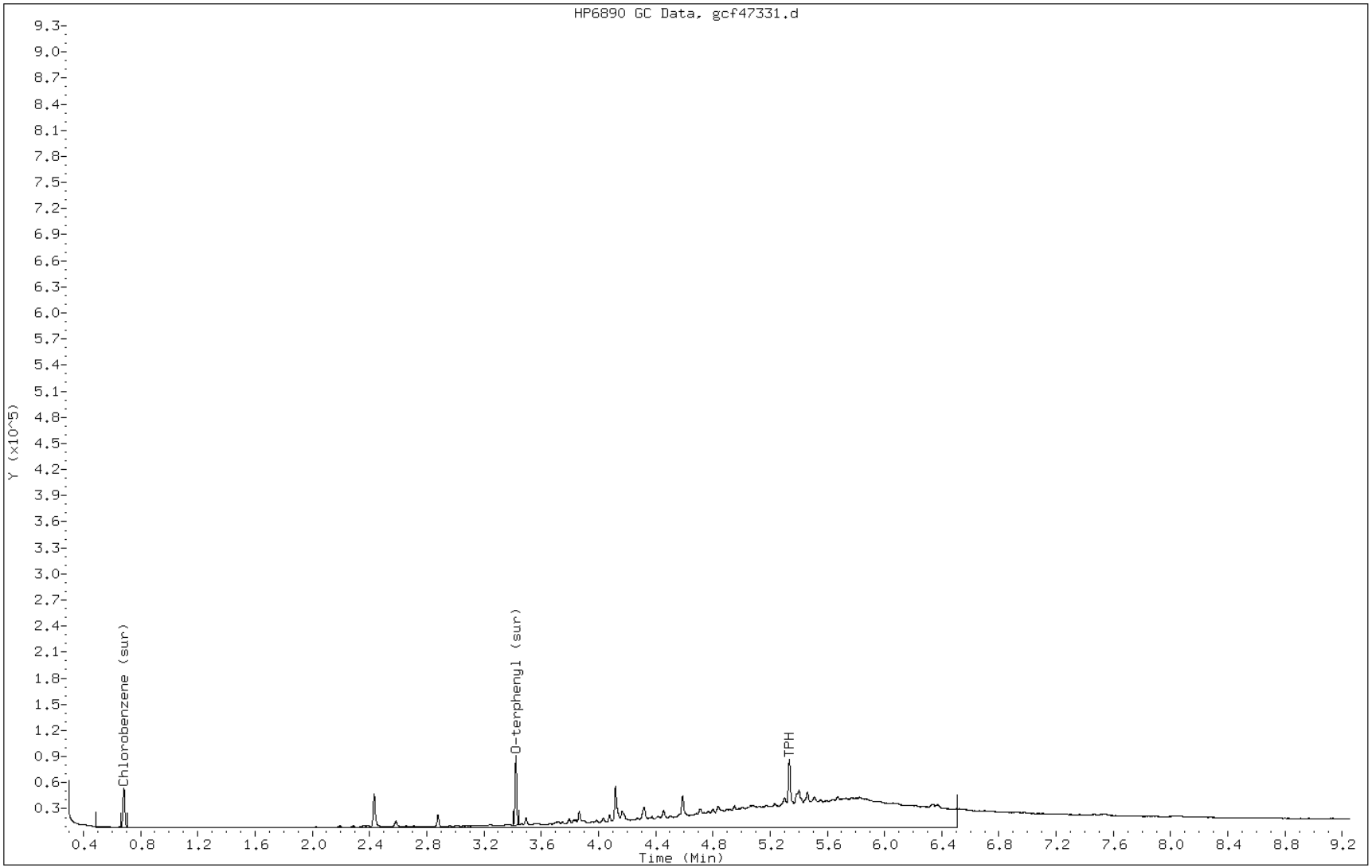
M - Compound response manually integrated.

Data File: gcf47331.d

Date: 16-SEP-2011 06:31

Client ID: PMP-12-VS-S (0.5-1. Instrument: BNAGC1.i

Sample Info: 460-30837-F-14-A Operator: BNAGC1



Manual Integration Report

Data File: gcf47331.d
Inj. Date and Time: 16-SEP-2011 06:31
Instrument ID: BNAGC1.i
Client ID: PMP-12-VS-S (0.5-1.
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/16/2011

Processing Integration Results

Not Detected

Expected RT: 3.42

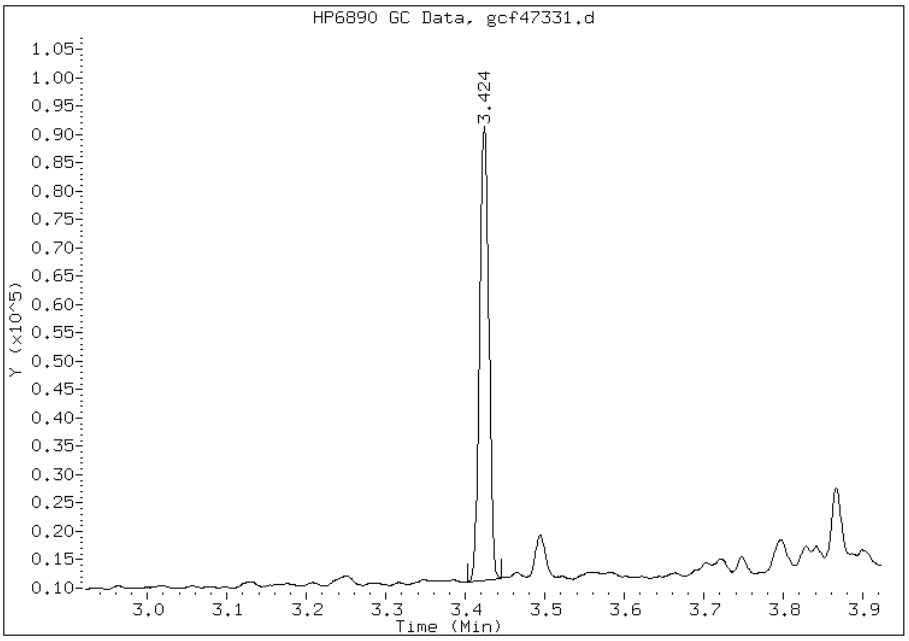
Manual Integration Results

RT: 3.42

Response: 1298897

Amount: 19.82

Conc: 1.40



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf47331.d
Inj. Date and Time: 16-SEP-2011 06:31
Instrument ID: BNAGC1.i
Client ID: PMP-12-VS-S (0.5-1.
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/16/2011

Processing Integration Results

Not Detected

Expected RT: 0.68

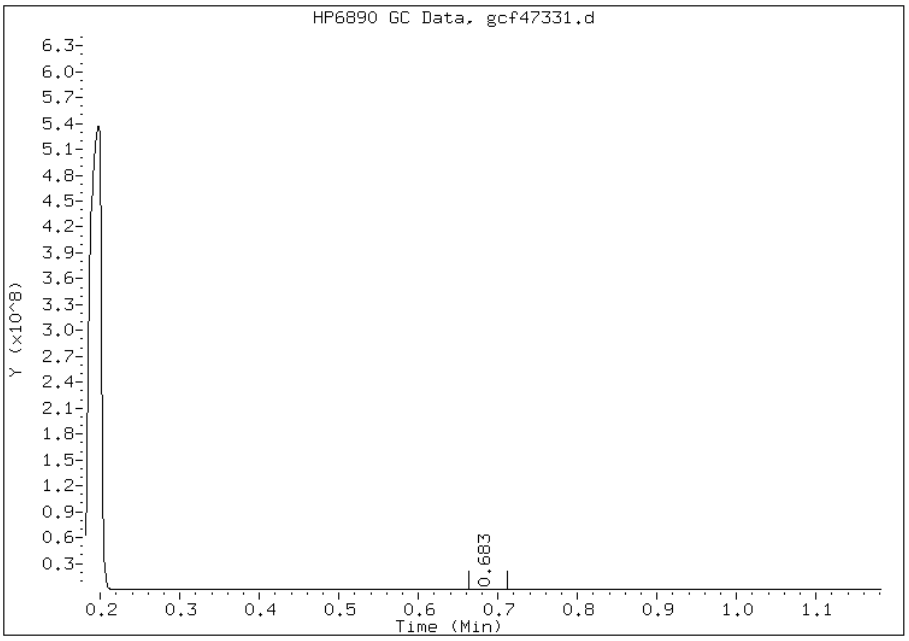
Manual Integration Results

RT: 0.68

Response: 824396

Amount: 15.51

Conc: 1.10



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-12-VD-S (2.5-3.0) Lab Sample ID: 460-30837-15

Matrix: Solid Lab File ID: gcf47332.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/09/2011 09:10

Extraction Method: 3546 Date Extracted: 09/13/2011 10:30

Sample wt/vol: 15.02(g) Date Analyzed: 09/16/2011 06:45

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.: 86370 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	9.8		5.7	5.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	95		48-112
108-90-7	Chlorobenzene	75		32-106

Data File: gcf47332.d
Report Date: 16-Sep-2011 16:21

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-16-11/16sep11a.b/gcf47332.d
Lab Smp Id: 460-30837-F-15-A Client Smp ID: PMP-12-VD-S (2.5-3.
Inj Date : 16-SEP-2011 06:45
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-30837-F-15-A
Misc Info : 460-30837-F-15-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-16-11/16sep11a.b/QAM2009r.m
Meth Date : 16-Sep-2011 16:21 nimerd Quant Type: ESTD
Cal Date : 13-SEP-2011 09:34 Cal File: gcf47091.d
Als bottle: 67
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

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	3.80228	% 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)	3.425	3.423	0.002	1245679	19.0081	1.3(M)
$ 2 Chlorobenzene (sur)	0.684	0.682	0.002	794283	14.9411	1.0(M)
3 TPH	3.866	2.815	1.051	7150709	141.005	9.8(M)

QC Flag Legend

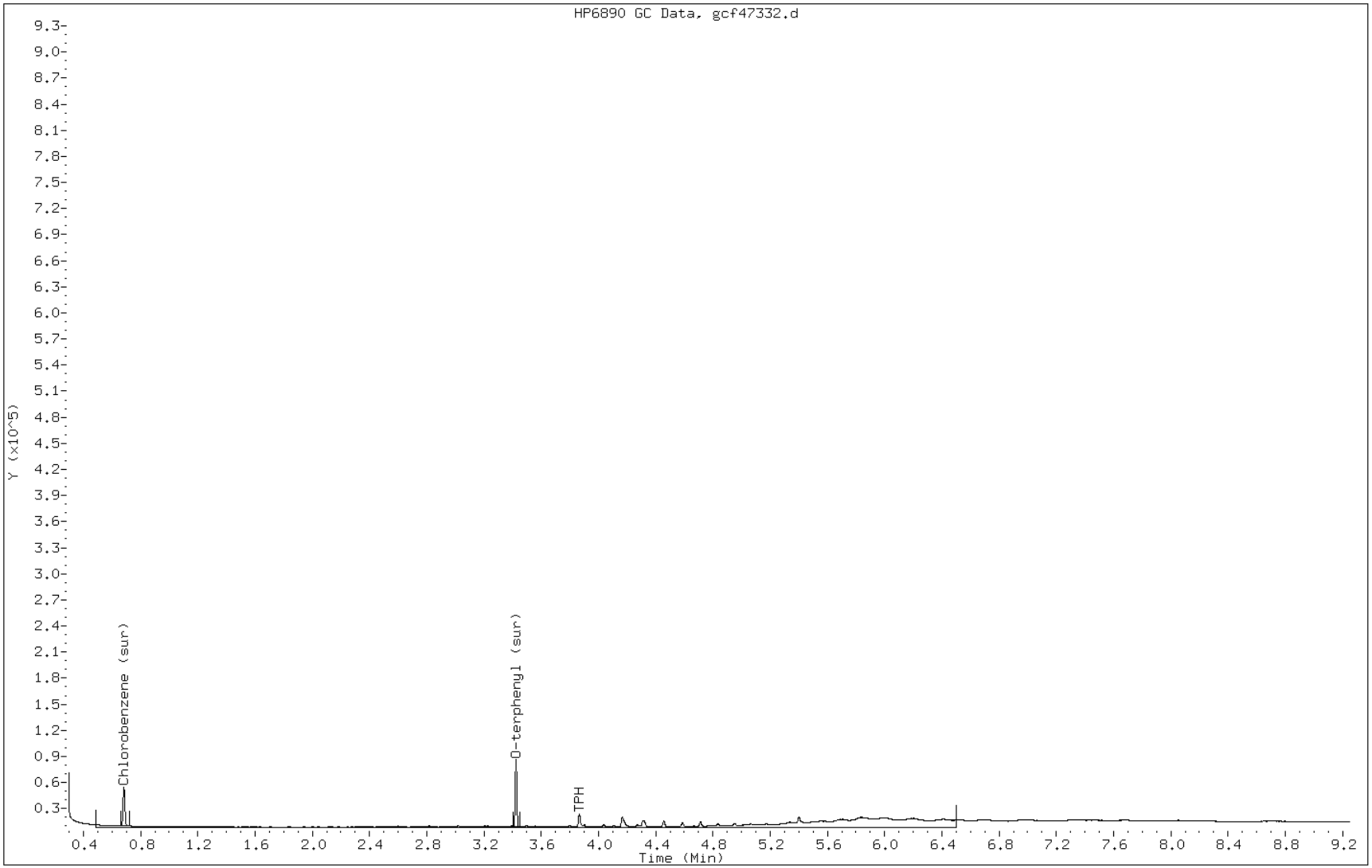
M - Compound response manually integrated.

Data File: gcf47332.d

Date: 16-SEP-2011 06:45

Client ID: PMP-12-VD-S (2.5-3. Instrument: BNAGC1.i

Sample Info: 460-30837-F-15-A Operator: BNAGC1



Manual Integration Report

Data File: gcf47332.d
Inj. Date and Time: 16-SEP-2011 06:45
Instrument ID: BNAGC1.i
Client ID: PMP-12-VD-S (2.5-3.
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/16/2011

Processing Integration Results

Not Detected

Expected RT: 3.42

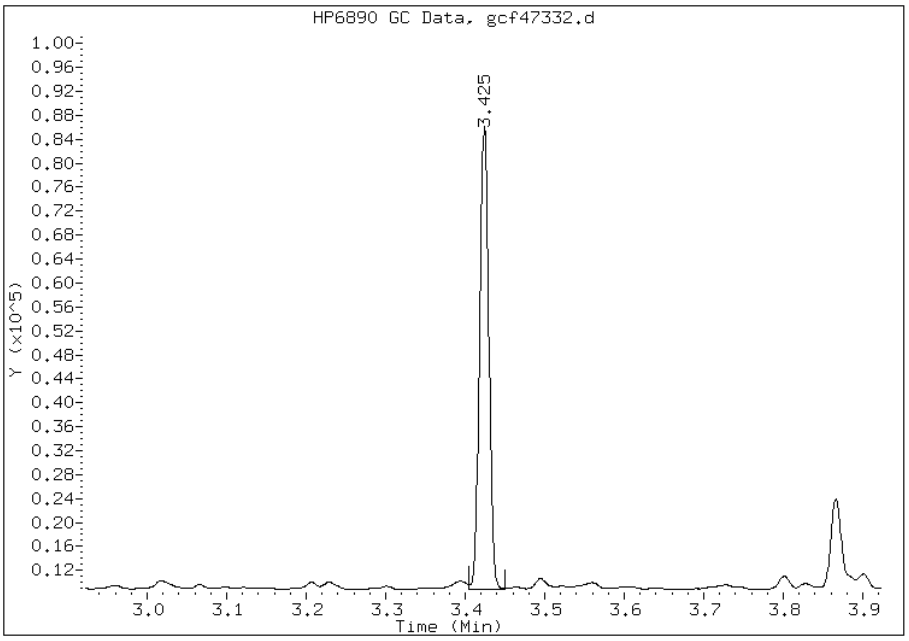
Manual Integration Results

RT: 3.42

Response: 1245679

Amount: 19.01

Conc: 1.32



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf47332.d
Inj. Date and Time: 16-SEP-2011 06:45
Instrument ID: BNAGC1.i
Client ID: PMP-12-VD-S (2.5-3.
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/16/2011

Processing Integration Results

Not Detected

Expected RT: 0.68

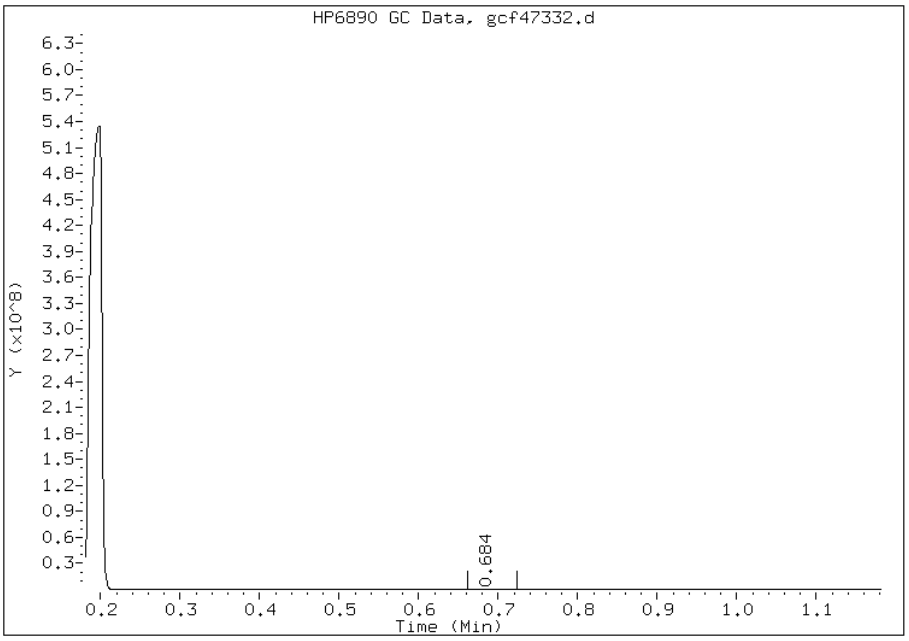
Manual Integration Results

RT: 0.68

Response: 794283

Amount: 14.94

Conc: 1.03



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-12-WT-S (7.0-7.5) Lab Sample ID: 460-30837-16

Matrix: Solid Lab File ID: gcf47333.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/09/2011 09:15

Extraction Method: 3546 Date Extracted: 09/13/2011 10:30

Sample wt/vol: 15.02(g) Date Analyzed: 09/16/2011 07:00

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 11.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86370 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	8.6		6.2	6.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	98		48-112
108-90-7	Chlorobenzene	77		32-106

Data File: gcf47333.d
Report Date: 16-Sep-2011 16:21

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-16-11/16sep11a.b/gcf47333.d
Lab Smp Id: 460-30837-F-16-A Client Smp ID: PMP-12-WT-S (7.0-7.
Inj Date : 16-SEP-2011 07:00
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-30837-F-16-A
Misc Info : 460-30837-F-16-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-16-11/16sep11a.b/QAM2009r.m
Meth Date : 16-Sep-2011 16:21 nimerd Quant Type: ESTD
Cal Date : 13-SEP-2011 09:34 Cal File: gcf47091.d
Als bottle: 68
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

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	11.89655	% 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)	3.424	3.423	0.001	1290719	19.6953	1.5(M)
$ 2 Chlorobenzene (sur)	0.684	0.682	0.002	813423	15.3011	1.2(M)
3 TPH	5.400	2.815	2.585	5745619	113.298	8.6(M)

QC Flag Legend

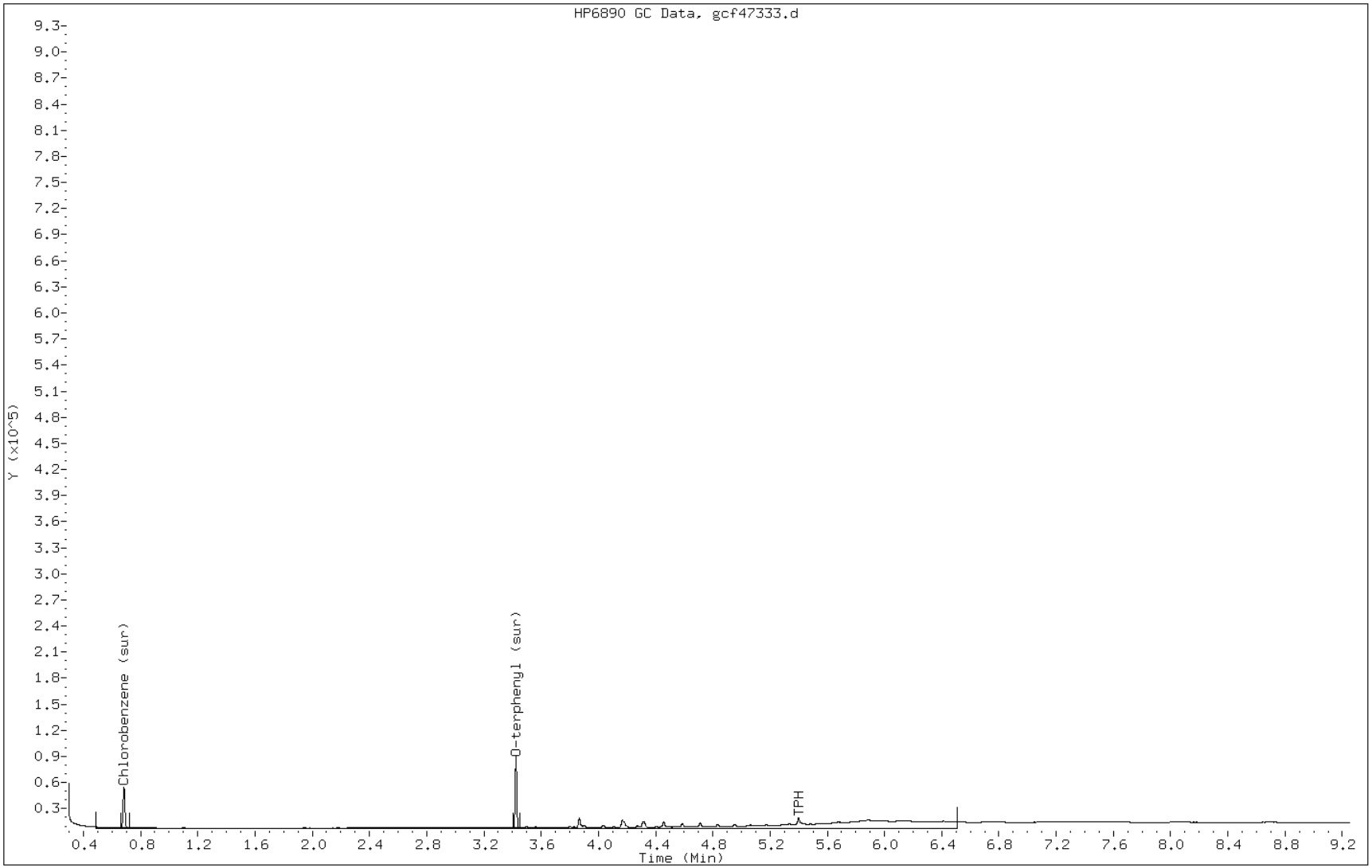
M - Compound response manually integrated.

Data File: gcf47333.d

Date: 16-SEP-2011 07:00

Client ID: PMP-12-WT-S (7.0-7. Instrument: BNAGC1.i

Sample Info: 460-30837-F-16-A Operator: BNAGC1



Manual Integration Report

Data File: gcf47333.d
Inj. Date and Time: 16-SEP-2011 07:00
Instrument ID: BNAGC1.i
Client ID: PMP-12-WT-S (7.0-7.
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/16/2011

Processing Integration Results

Not Detected

Expected RT: 3.42

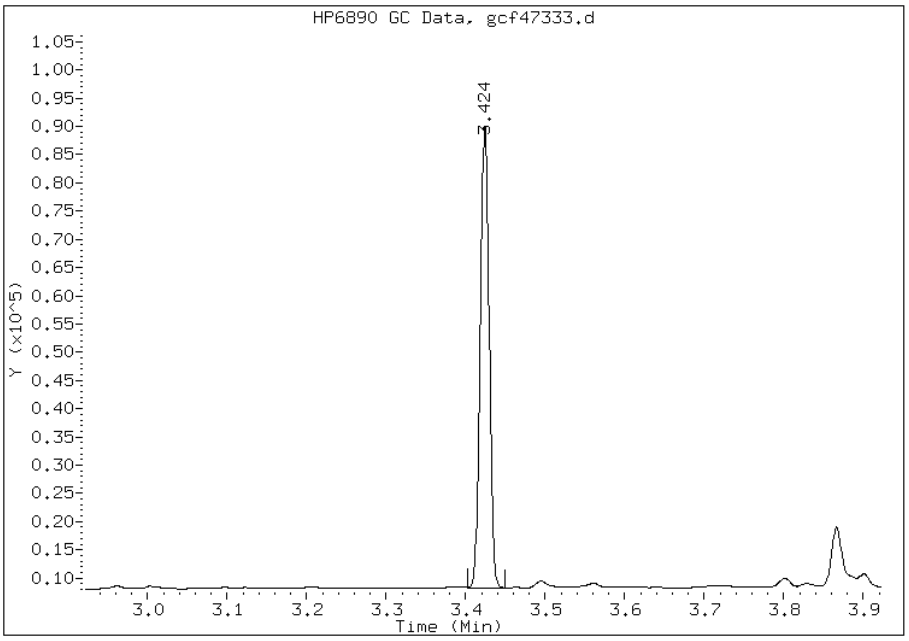
Manual Integration Results

RT: 3.42

Response: 1290719

Amount: 19.70

Conc: 1.49



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf47333.d
Inj. Date and Time: 16-SEP-2011 07:00
Instrument ID: BNAGC1.i
Client ID: PMP-12-WT-S (7.0-7.
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/16/2011

Processing Integration Results

Not Detected

Expected RT: 0.68

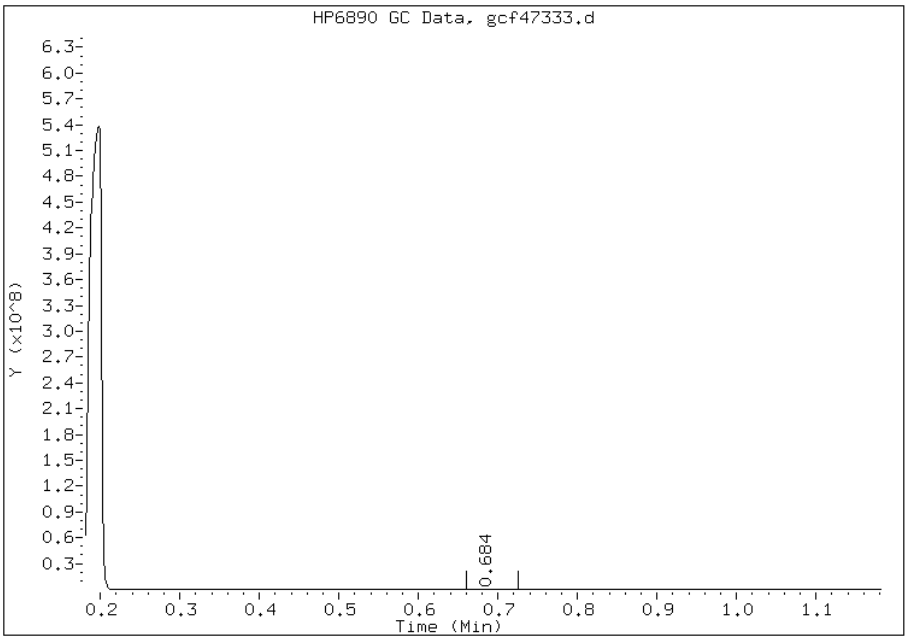
Manual Integration Results

RT: 0.68

Response: 813423

Amount: 15.30

Conc: 1.16



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Dup_090811 Lab Sample ID: 460-30837-17

Matrix: Solid Lab File ID: gcf47340.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/09/2011 00:00

Extraction Method: 3546 Date Extracted: 09/13/2011 10:30

Sample wt/vol: 15.00(g) Date Analyzed: 09/16/2011 08:49

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 10.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86370 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	106		48-112
108-90-7	Chlorobenzene	87		32-106

Data File: gcf47340.d
Report Date: 16-Sep-2011 16:22

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-16-11/16sep11a.b/gcf47340.d
Lab Smp Id: 460-30837-F-17-A Client Smp ID: Dup_090811
Inj Date : 16-SEP-2011 08:49
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-30837-F-17-A
Misc Info : 460-30837-F-17-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-16-11/16sep11a.b/QAM2009r.m
Meth Date : 16-Sep-2011 16:22 nimerd Quant Type: ESTD
Cal Date : 13-SEP-2011 09:34 Cal File: gcf47091.d
Als bottle: 69
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

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	10.91854	% 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)	3.422	3.423	-0.001	1392899	21.2545	1.6(M)
$ 2 Chlorobenzene (sur)	0.682	0.684	-0.002	927880	17.4542	1.3(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

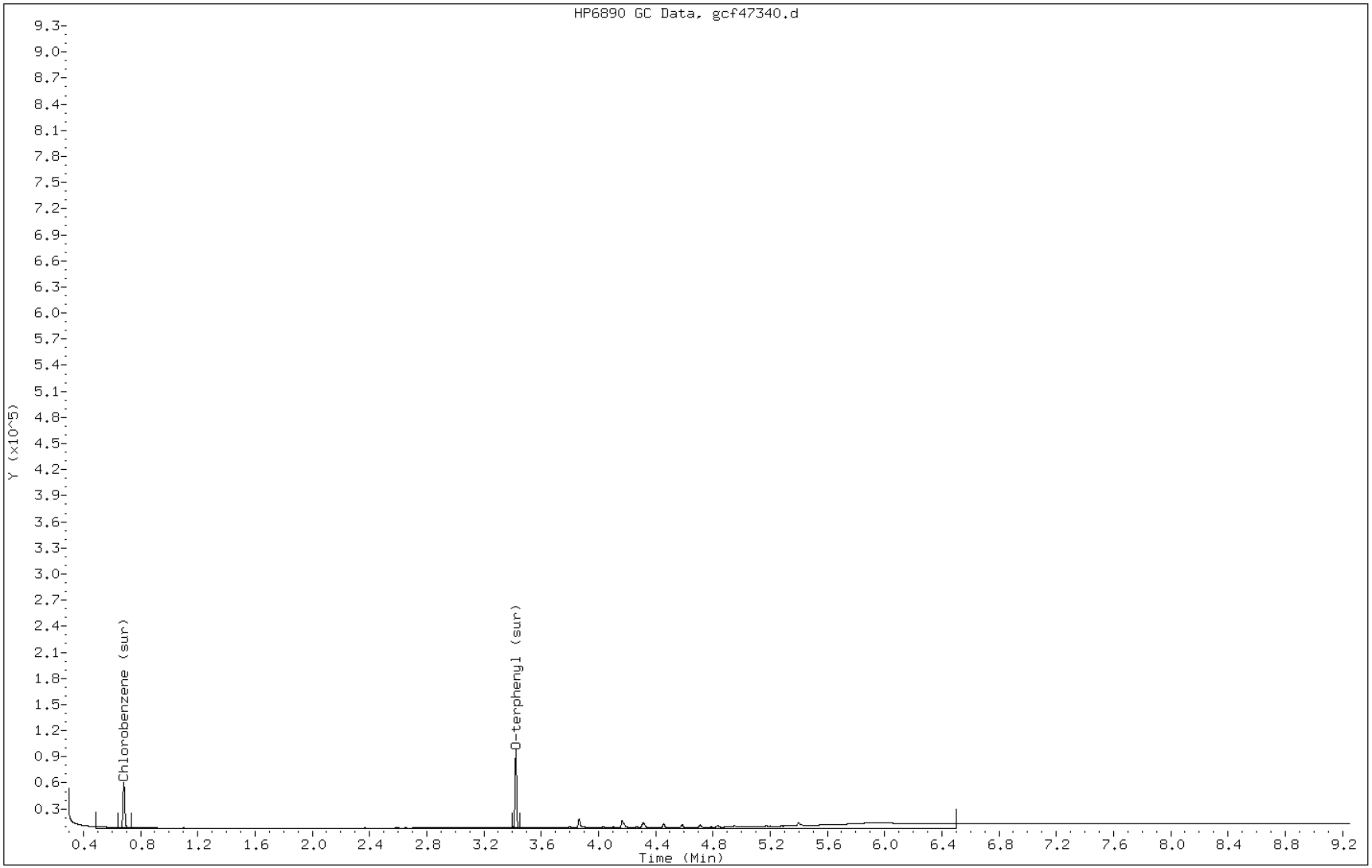
M - Compound response manually integrated.

Data File: gcf47340.d

Date: 16-SEP-2011 08:49

Client ID: Dup_090811 Instrument: BNAGC1.i

Sample Info: 460-30837-F-17-A Operator: BNAGC1



Manual Integration Report

Data File: gcf47340.d
Inj. Date and Time: 16-SEP-2011 08:49
Instrument ID: BNAGC1.i
Client ID: Dup_090811
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/16/2011

Processing Integration Results

Not Detected

Expected RT: 3.42

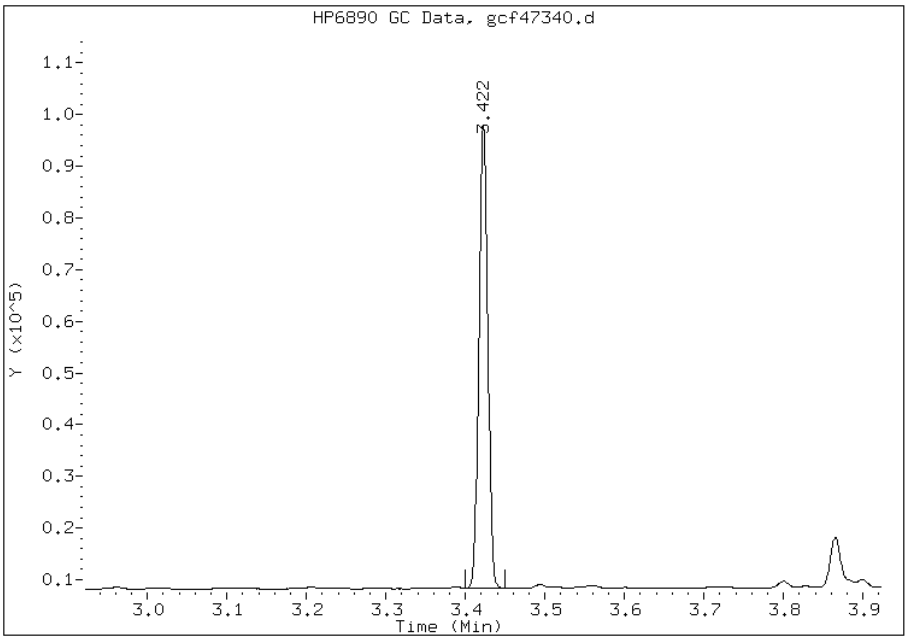
Manual Integration Results

RT: 3.42

Response: 1392899

Amount: 21.25

Conc: 1.59



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf47340.d
Inj. Date and Time: 16-SEP-2011 08:49
Instrument ID: BNAGC1.i
Client ID: Dup_090811
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/16/2011

Processing Integration Results

Not Detected

Expected RT: 0.68

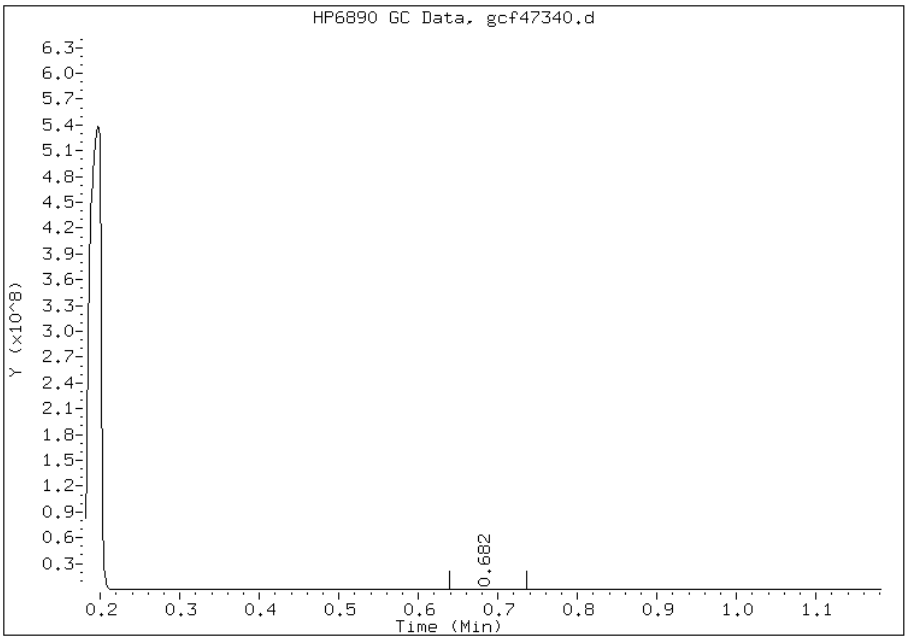
Manual Integration Results

RT: 0.68

Response: 927880

Amount: 17.45

Conc: 1.31



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-25-VS-S (1-3) Lab Sample ID: 460-30837-18

Matrix: Solid Lab File ID: gcf47341.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/09/2011 09:35

Extraction Method: 3546 Date Extracted: 09/13/2011 10:30

Sample wt/vol: 15.01(g) Date Analyzed: 09/16/2011 09:03

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 7.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86370 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	25		5.9	5.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	99		48-112
108-90-7	Chlorobenzene	77		32-106

Data File: gcf47341.d
Report Date: 16-Sep-2011 16:22

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-16-11/16sep11a.b/gcf47341.d
Lab Smp Id: 460-30837-F-18-A Client Smp ID: PMP-25-VS-S (1-3)
Inj Date : 16-SEP-2011 09:03
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-30837-F-18-A
Misc Info : 460-30837-F-18-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-16-11/16sep11a.b/QAM2009r.m
Meth Date : 16-Sep-2011 16:22 nimerd Quant Type: ESTD
Cal Date : 13-SEP-2011 09:34 Cal File: gcf47091.d
Als bottle: 70
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

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	7.13012	% 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)	3.423	3.423	0.000	1303140	19.8849	1.4(M)
$ 2 Chlorobenzene (sur)	0.684	0.684	0.000	814418	15.3199	1.1(M)
3 TPH	5.334	2.814	2.520	17780424	350.613	25.2(M)

QC Flag Legend

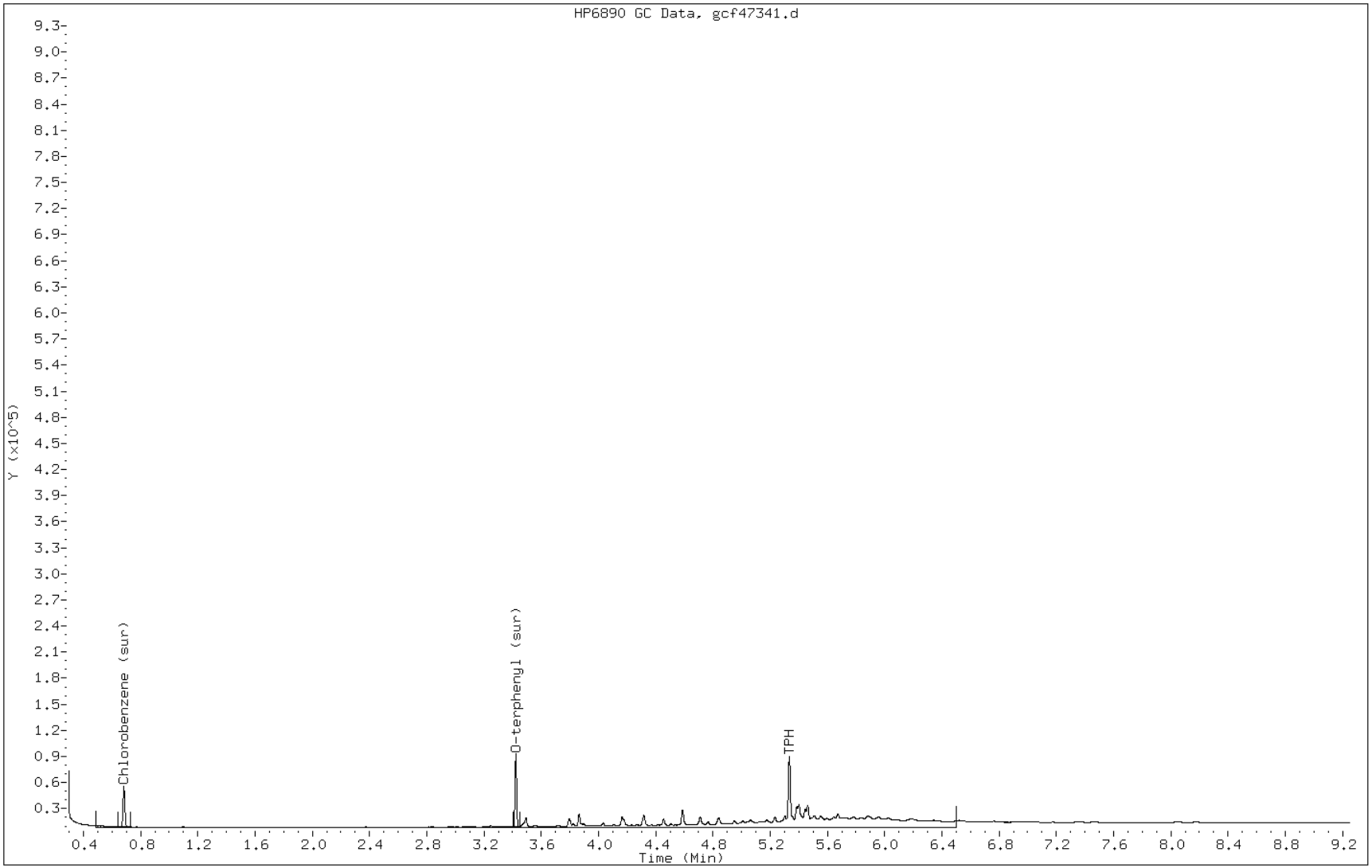
M - Compound response manually integrated.

Data File: gcf47341.d

Date: 16-SEP-2011 09:03

Client ID: PMP-25-VS-S (1-3) Instrument: BNAGC1.i

Sample Info: 460-30837-F-18-A Operator: BNAGC1



Manual Integration Report

Data File: gcf47341.d
Inj. Date and Time: 16-SEP-2011 09:03
Instrument ID: BNAGC1.i
Client ID: PMP-25-VS-S (1-3)
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/16/2011

Processing Integration Results

Not Detected

Expected RT: 3.42

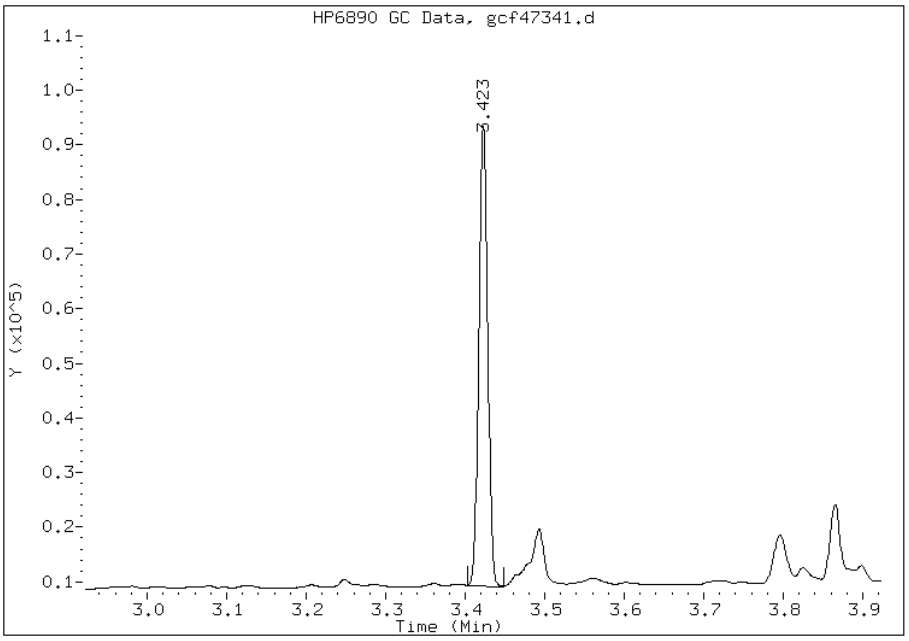
Manual Integration Results

RT: 3.42

Response: 1303140

Amount: 19.88

Conc: 1.43



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf47341.d
Inj. Date and Time: 16-SEP-2011 09:03
Instrument ID: BNAGC1.i
Client ID: PMP-25-VS-S (1-3)
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/16/2011

Processing Integration Results

Not Detected

Expected RT: 0.68

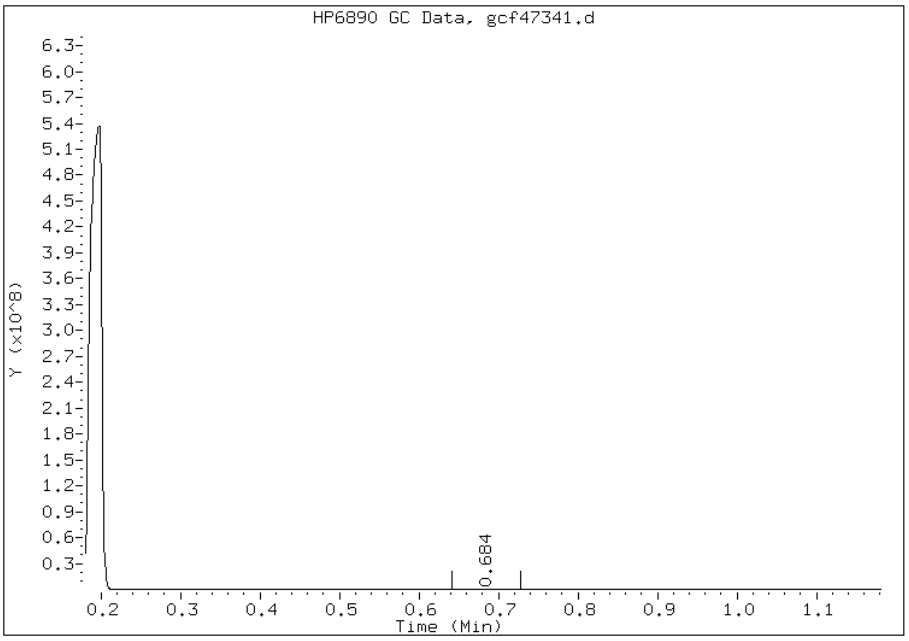
Manual Integration Results

RT: 0.68

Response: 814418

Amount: 15.32

Conc: 1.10



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-25-VD-S (3-5) Lab Sample ID: 460-30837-19

Matrix: Solid Lab File ID: gcf47342.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/09/2011 09:40

Extraction Method: 3546 Date Extracted: 09/13/2011 10:30

Sample wt/vol: 15.03(g) Date Analyzed: 09/16/2011 09:18

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 13.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86370 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	6.3	U	6.3	6.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	99		48-112
108-90-7	Chlorobenzene	78		32-106

Data File: gcf47342.d
Report Date: 16-Sep-2011 16:22

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-16-11/16sep11a.b/gcf47342.d
Lab Smp Id: 460-30837-F-19-A Client Smp ID: PMP-25-VD-S (3-5)
Inj Date : 16-SEP-2011 09:18
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-30837-F-19-A
Misc Info : 460-30837-F-19-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-16-11/16sep11a.b/QAM2009r.m
Meth Date : 16-Sep-2011 16:22 nimerd Quant Type: ESTD
Cal Date : 13-SEP-2011 09:34 Cal File: gcf47091.d
Als bottle: 71
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

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	13.27103	% 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)	3.423	3.423	0.000	1293006	19.7302	1.5(M)
$ 2 Chlorobenzene (sur)	0.684	0.684	0.000	832111	15.6527	1.2(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

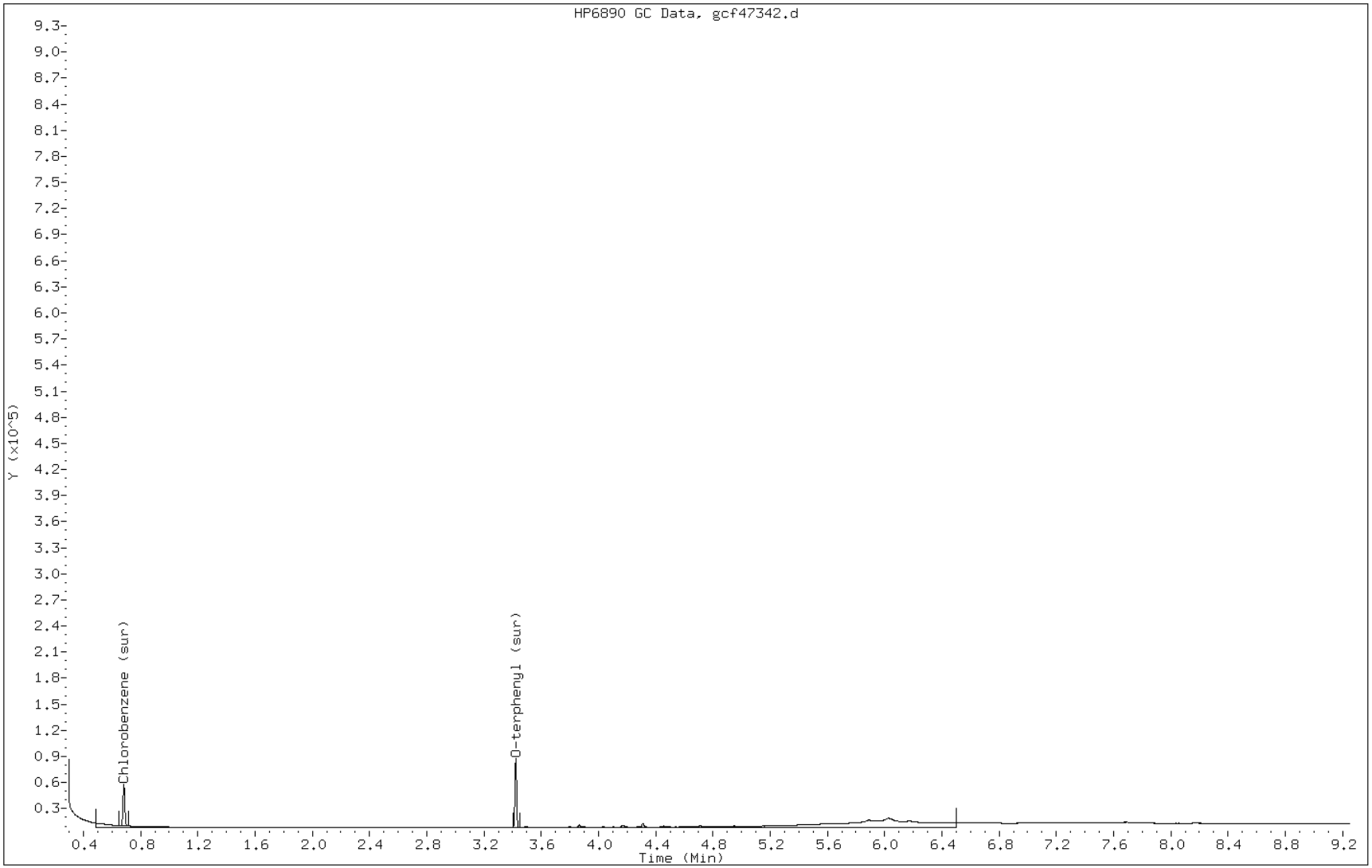
M - Compound response manually integrated.

Data File: gcf47342.d

Date: 16-SEP-2011 09:18

Client ID: PMP-25-VD-S (3-5) Instrument: BNAGC1.i

Sample Info: 460-30837-F-19-A Operator: BNAGC1



Manual Integration Report

Data File: gcf47342.d
Inj. Date and Time: 16-SEP-2011 09:18
Instrument ID: BNAGC1.i
Client ID: PMP-25-VD-S (3-5)
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/16/2011

Processing Integration Results

Not Detected

Expected RT: 3.42

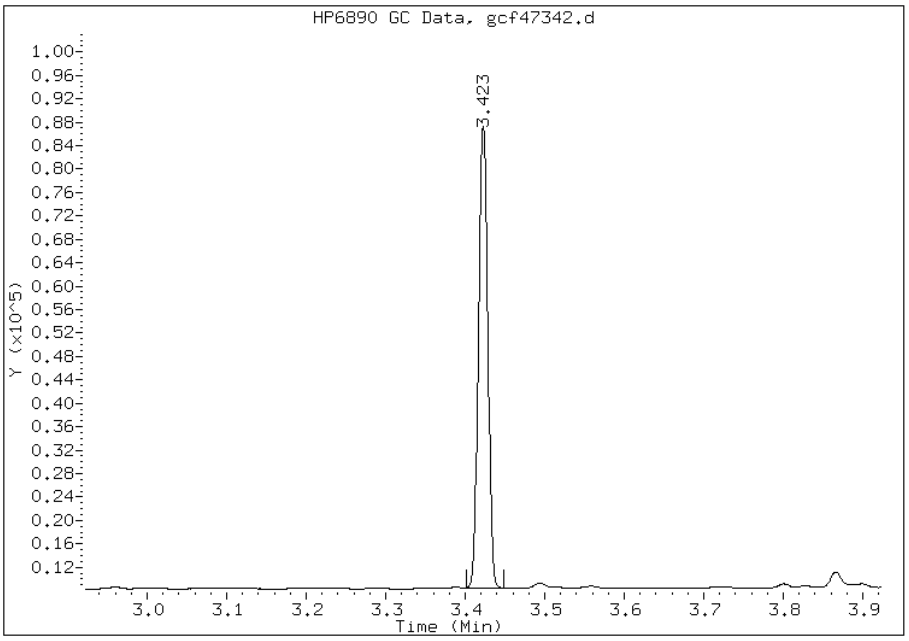
Manual Integration Results

RT: 3.42

Response: 1293006

Amount: 19.73

Conc: 1.51



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf47342.d
Inj. Date and Time: 16-SEP-2011 09:18
Instrument ID: BNAGC1.i
Client ID: PMP-25-VD-S (3-5)
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/16/2011

Processing Integration Results

Not Detected

Expected RT: 0.68

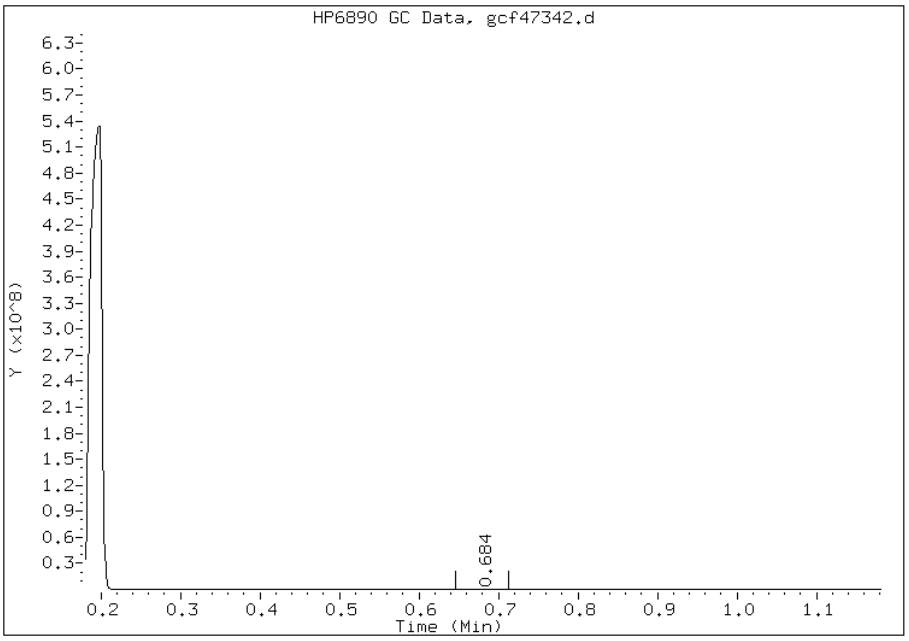
Manual Integration Results

RT: 0.68

Response: 832111

Amount: 15.65

Conc: 1.20



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-25-WT-S (7.5-9.5) Lab Sample ID: 460-30837-20

Matrix: Solid Lab File ID: gcf47343.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/09/2011 09:45

Extraction Method: 3546 Date Extracted: 09/13/2011 10:30

Sample wt/vol: 15.02(g) Date Analyzed: 09/16/2011 09:27

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 12.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86370 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	6.3	U	6.3	6.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	108		48-112
108-90-7	Chlorobenzene	89		32-106

Data File: gcf47343.d
Report Date: 16-Sep-2011 16:22

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-16-11/16sep11a.b/gcf47343.d
Lab Smp Id: 460-30837-F-20-A Client Smp ID: PMP-25-WT-S (7.5-9.
Inj Date : 16-SEP-2011 09:27
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-30837-F-20-A
Misc Info : 460-30837-F-20-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-16-11/16sep11a.b/QAM2009r.m
Meth Date : 16-Sep-2011 16:22 nimerd Quant Type: ESTD
Cal Date : 13-SEP-2011 09:34 Cal File: gcf47091.d
Als bottle: 72
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

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	12.23022	% 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)	3.423	3.423	0.000	1413206	21.5644	1.6(M)
$ 2 Chlorobenzene (sur)	0.684	0.684	0.000	941004	17.7011	1.3(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

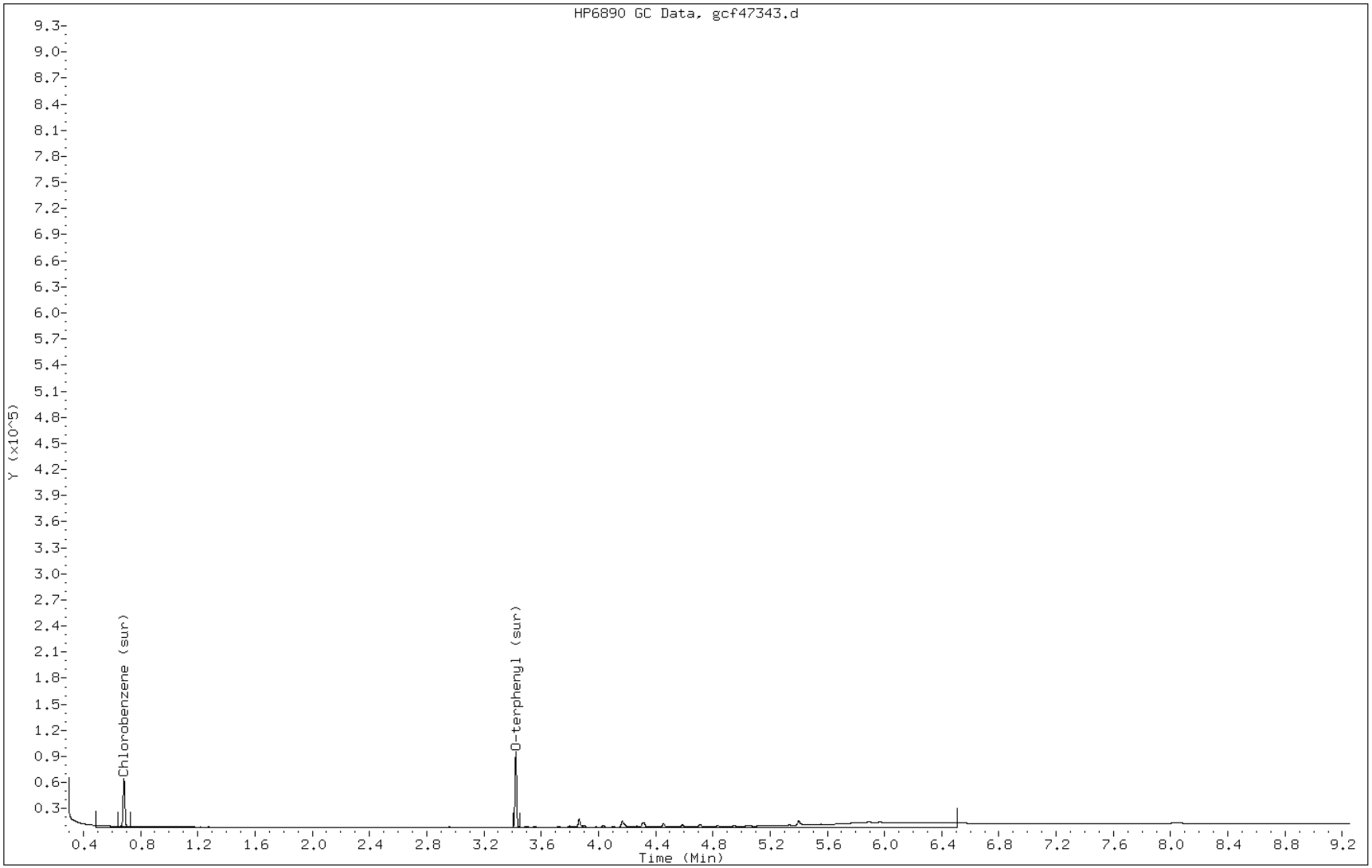
M - Compound response manually integrated.

Data File: gcf47343.d

Date: 16-SEP-2011 09:27

Client ID: PMP-25-WT-S (7.5-9. Instrument: BNAGC1.i

Sample Info: 460-30837-F-20-A Operator: BNAGC1



Manual Integration Report

Data File: gcf47343.d
Inj. Date and Time: 16-SEP-2011 09:27
Instrument ID: BNAGC1.i
Client ID: PMP-25-WT-S (7.5-9.
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/16/2011

Processing Integration Results

Not Detected

Expected RT: 3.42

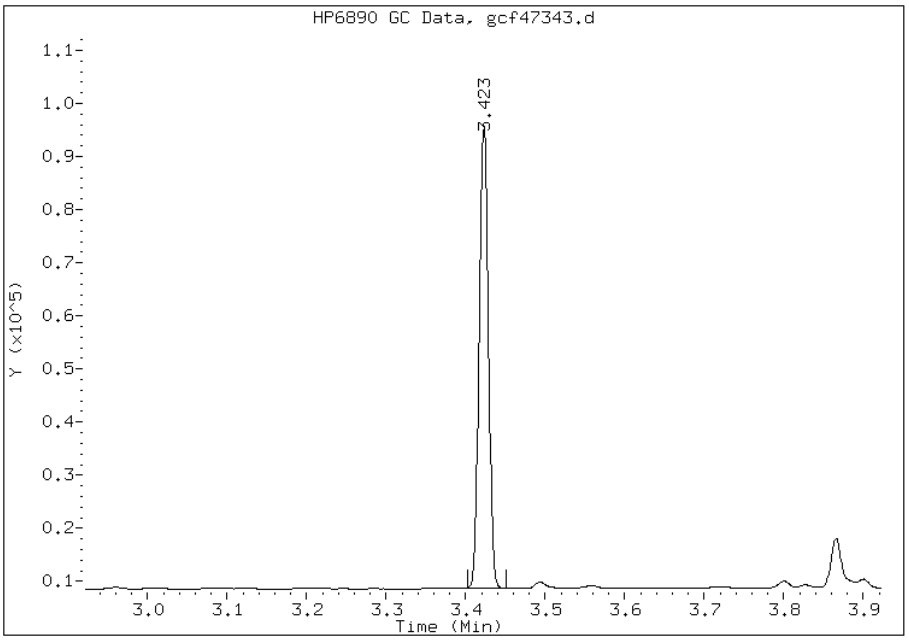
Manual Integration Results

RT: 3.42

Response: 1413206

Amount: 21.56

Conc: 1.64



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf47343.d
Inj. Date and Time: 16-SEP-2011 09:27
Instrument ID: BNAGC1.i
Client ID: PMP-25-WT-S (7.5-9.
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/16/2011

Processing Integration Results

Not Detected

Expected RT: 0.68

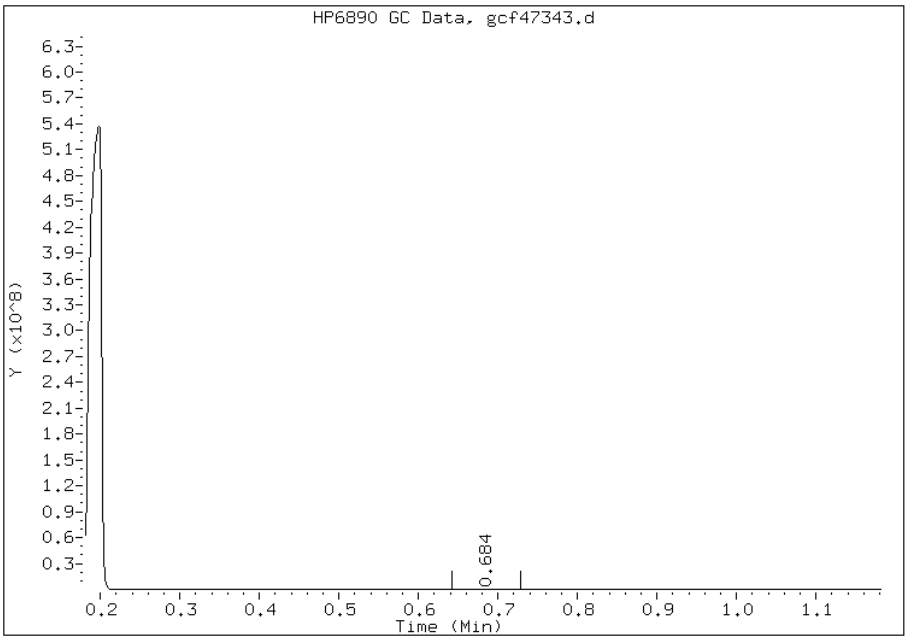
Manual Integration Results

RT: 0.68

Response: 941004

Amount: 17.70

Conc: 1.34



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-14-VS-S (0.5-1.0) Lab Sample ID: 460-30837-21

Matrix: Solid Lab File ID: gcf47377.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/09/2011 10:00

Extraction Method: 3546 Date Extracted: 09/13/2011 21:17

Sample wt/vol: 15.00(g) Date Analyzed: 09/16/2011 17:44

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 4.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86454 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	54		5.7	5.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	73		48-112
108-90-7	Chlorobenzene	57		32-106

Data File: gcf47377.d
Report Date: 18-Sep-2011 22:07

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-16-11/16sep11b.b/gcf47377.d
Lab Smp Id: 460-30837-F-21-A Client Smp ID: PMP-14-VS-S (0.5-1.
Inj Date : 16-SEP-2011 17:44
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-30837-F-21-A
Misc Info : 460-30837-F-21-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-16-11/16sep11b.b/QAM2009r.m
Meth Date : 18-Sep-2011 22:04 diazc Quant Type: ESTD
Cal Date : 13-SEP-2011 09:34 Cal File: gcf47091.d
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

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	3.98551	% 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)	3.422	3.422	0.000	963052	14.6954	1.0(M)
$ 2 Chlorobenzene (sur)	0.685	0.682	0.003	603144	11.3456	0.79(M)
3 TPH	5.891	3.205	2.686	39615002	781.169	54.2(M)

QC Flag Legend

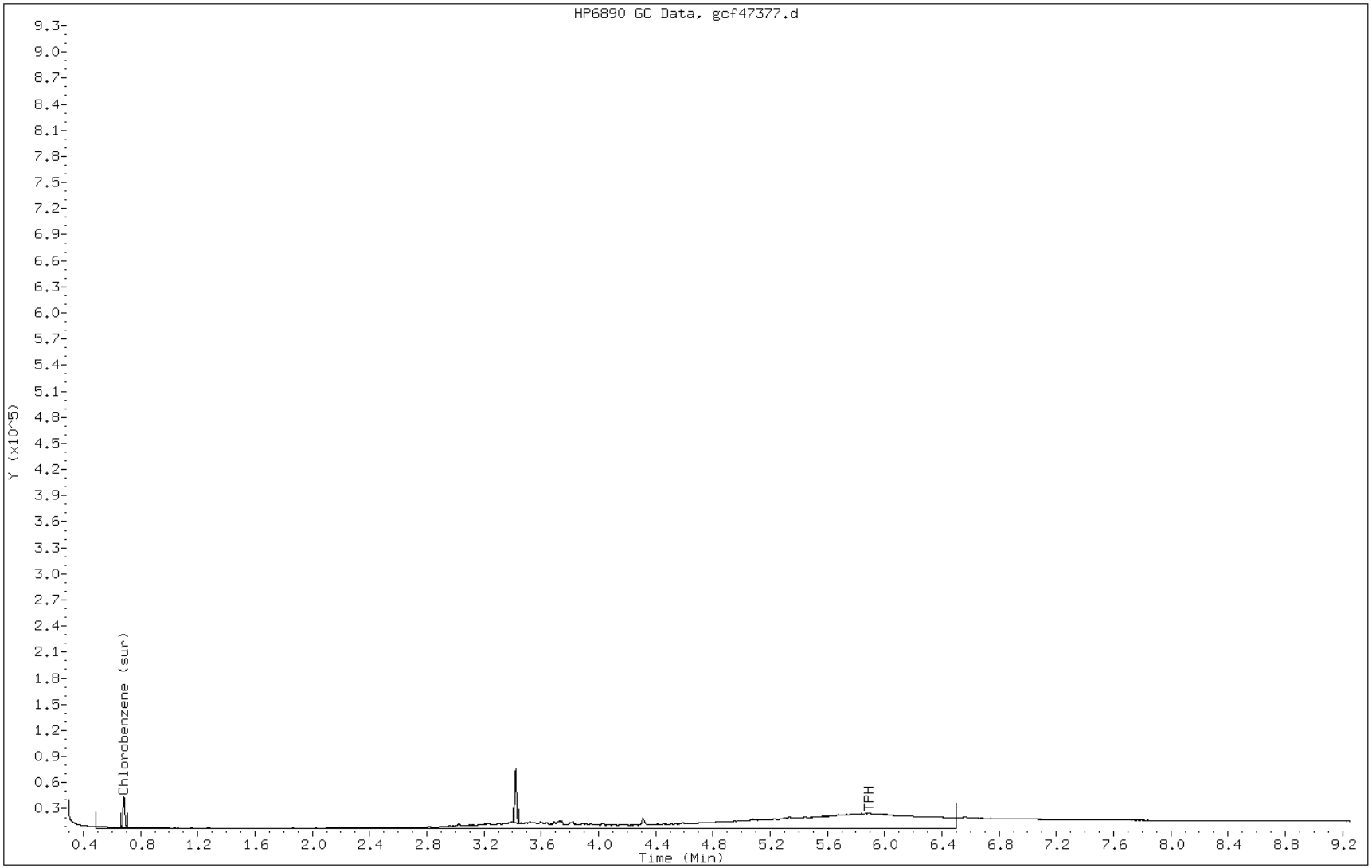
M - Compound response manually integrated.

Data File: gcf47377.d

Date: 16-SEP-2011 17:44

Client ID: PMP-14-VS-S (0.5-1. Instrument: BNAGC1.i

Sample Info: 460-30837-F-21-A Operator: BNAGC1



Manual Integration Report

Data File: gcf47377.d
Inj. Date and Time: 16-SEP-2011 17:44
Instrument ID: BNAGC1.i
Client ID: PMP-14-VS-S (0.5-1.
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/18/2011

Processing Integration Results

Not Detected

Expected RT: 3.42

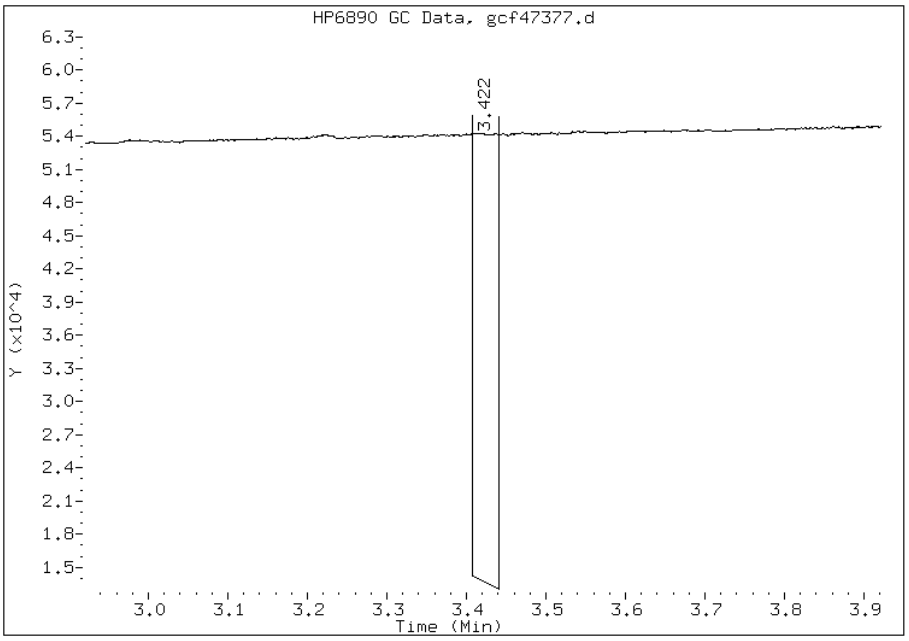
Manual Integration Results

RT: 3.42

Response: 963052

Amount: 14.70

Conc: 1.02



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf47377.d
Inj. Date and Time: 16-SEP-2011 17:44
Instrument ID: BNAGC1.i
Client ID: PMP-14-VS-S (0.5-1.
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/18/2011

Processing Integration Results

Not Detected

Expected RT: 0.68

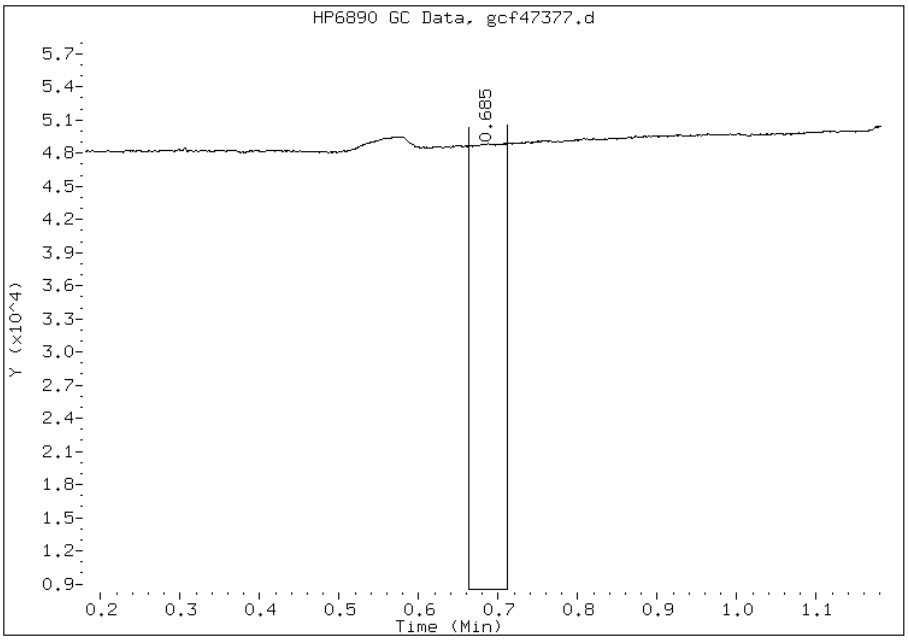
Manual Integration Results

RT: 0.68

Response: 603144

Amount: 11.35

Conc: 0.79



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-14-VD-S (2.5-3.0) Lab Sample ID: 460-30837-22

Matrix: Solid Lab File ID: gcf47378.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/09/2011 10:05

Extraction Method: 3546 Date Extracted: 09/13/2011 21:17

Sample wt/vol: 15.00(g) Date Analyzed: 09/16/2011 17:53

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 3.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86454 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	26		5.7	5.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	68		48-112
108-90-7	Chlorobenzene	56		32-106

Data File: gcf47378.d
Report Date: 18-Sep-2011 22:09

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-16-11/16sep11b.b/gcf47378.d
Lab Smp Id: 460-30837-F-22-A Client Smp ID: PMP-14-VD-S (2.5-3.
Inj Date : 16-SEP-2011 17:53
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-30837-F-22-A
Misc Info : 460-30837-F-22-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-16-11/16sep11b.b/QAM2009r.m
Meth Date : 18-Sep-2011 22:04 diazc Quant Type: ESTD
Cal Date : 13-SEP-2011 09:34 Cal File: gcf47091.d
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

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	3.59168	% 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)	3.422	3.422	0.000	888632	13.5598	0.94(M)
$ 2 Chlorobenzene (sur)	0.682	0.682	0.000	592497	11.1454	0.77(M)
3 TPH	6.002	3.205	2.797	18913107	372.948	25.8(M)

QC Flag Legend

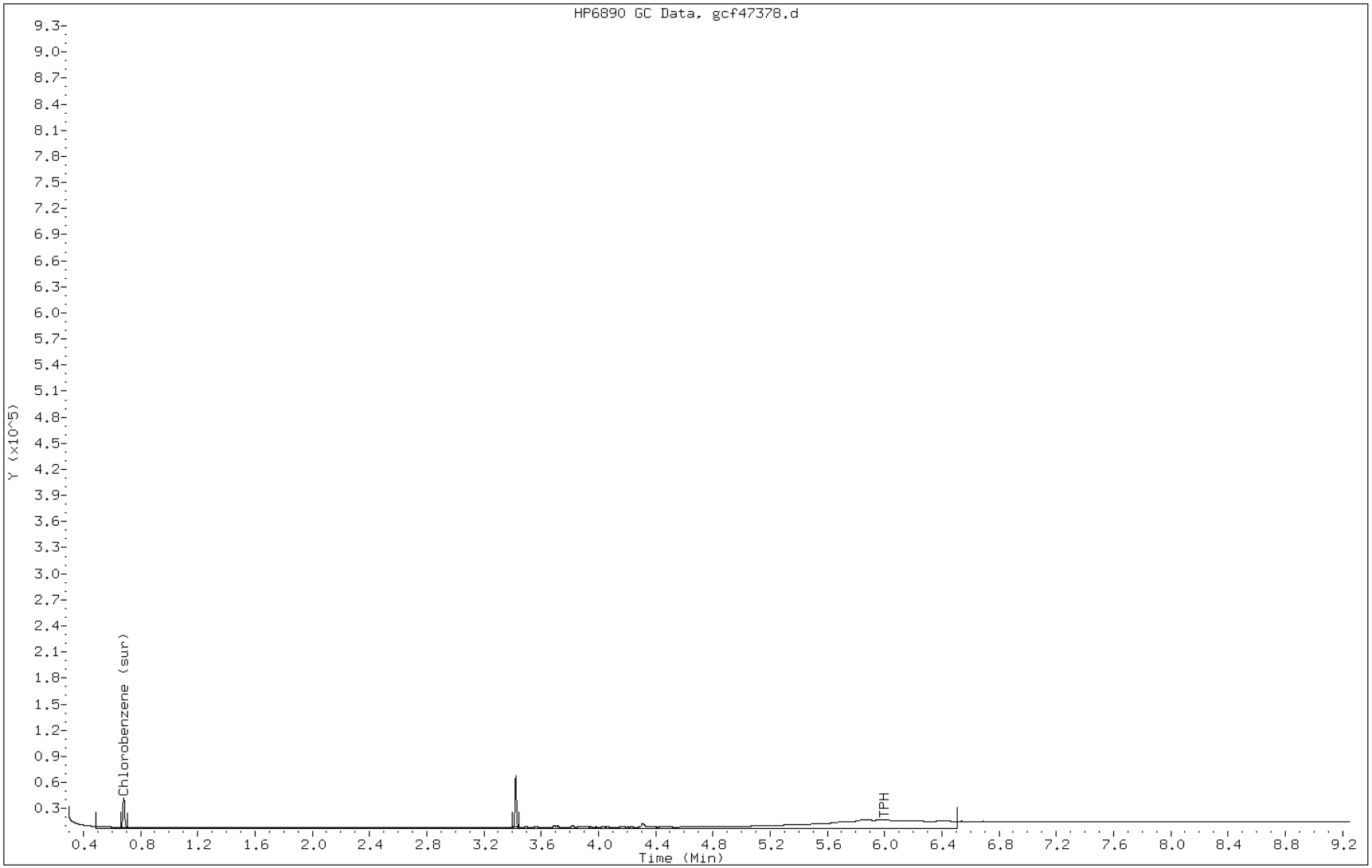
M - Compound response manually integrated.

Data File: gcf47378.d

Date: 16-SEP-2011 17:53

Client ID: PMP-14-VD-S (2.5-3. Instrument: BNAGC1.i

Sample Info: 460-30837-F-22-A Operator: BNAGC1



Manual Integration Report

Data File: gcf47378.d
Inj. Date and Time: 16-SEP-2011 17:53
Instrument ID: BNAGC1.i
Client ID: PMP-14-VD-S (2.5-3.
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/18/2011

Processing Integration Results

Not Detected

Expected RT: 3.42

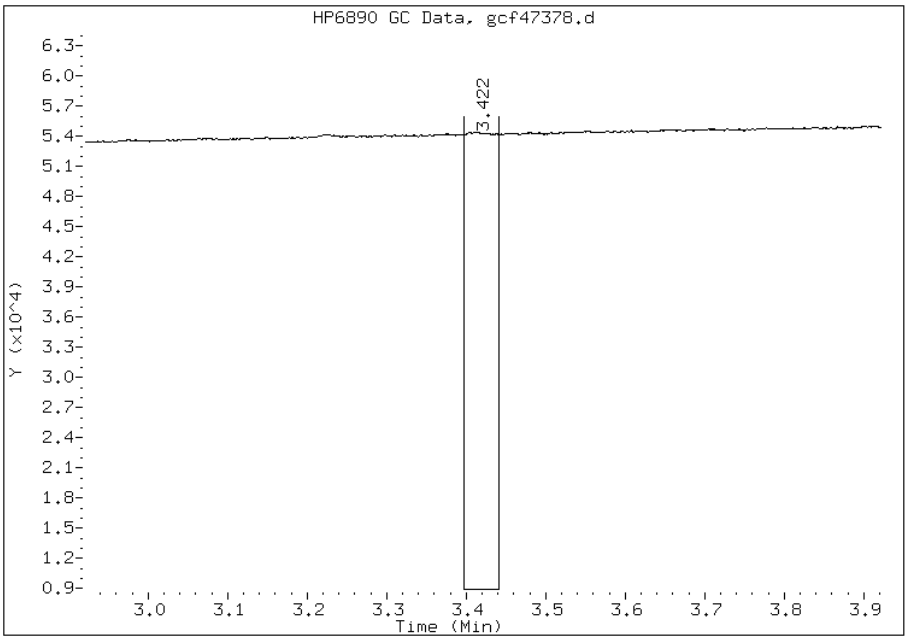
Manual Integration Results

RT: 3.42

Response: 888632

Amount: 13.56

Conc: 0.94



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf47378.d
Inj. Date and Time: 16-SEP-2011 17:53
Instrument ID: BNAGC1.i
Client ID: PMP-14-VD-S (2.5-3.
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/18/2011

Processing Integration Results

Not Detected

Expected RT: 0.68

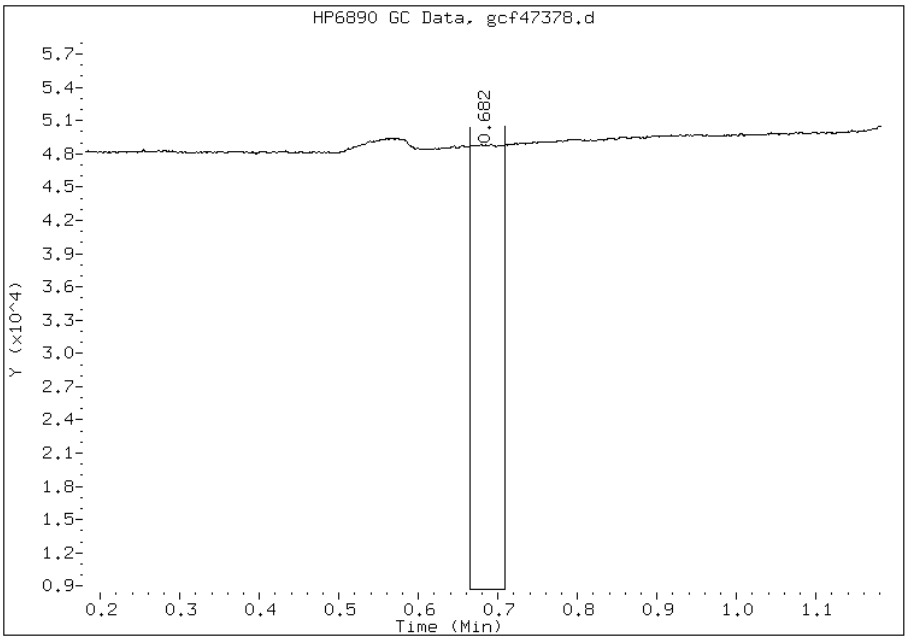
Manual Integration Results

RT: 0.68

Response: 592497

Amount: 11.15

Conc: 0.77



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-14-WT-S (7.0-7.5) Lab Sample ID: 460-30837-23

Matrix: Solid Lab File ID: gcf47379.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/09/2011 10:10

Extraction Method: 3546 Date Extracted: 09/13/2011 21:17

Sample wt/vol: 15.00(g) Date Analyzed: 09/16/2011 18:08

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 11.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86454 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	66		6.2	6.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	74		48-112
108-90-7	Chlorobenzene	56		32-106

Data File: gcf47379.d
Report Date: 18-Sep-2011 22:10

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-16-11/16sep11b.b/gcf47379.d
Lab Smp Id: 460-30837-F-23-A Client Smp ID: PMP-14-WT-S (7.0-7.
Inj Date : 16-SEP-2011 18:08
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-30837-F-23-A
Misc Info : 460-30837-F-23-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-16-11/16sep11b.b/QAM2009r.m
Meth Date : 18-Sep-2011 22:04 diazc Quant Type: ESTD
Cal Date : 13-SEP-2011 09:34 Cal File: gcf47091.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

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	11.23810	% 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)	3.421	3.422	-0.001	968405	14.7771	1.1(M)
$ 2 Chlorobenzene (sur)	0.682	0.682	0.000	596950	11.2291	0.84(M)
3 TPH	5.859	3.205	2.654	44897744	885.340	66.5(M)

QC Flag Legend

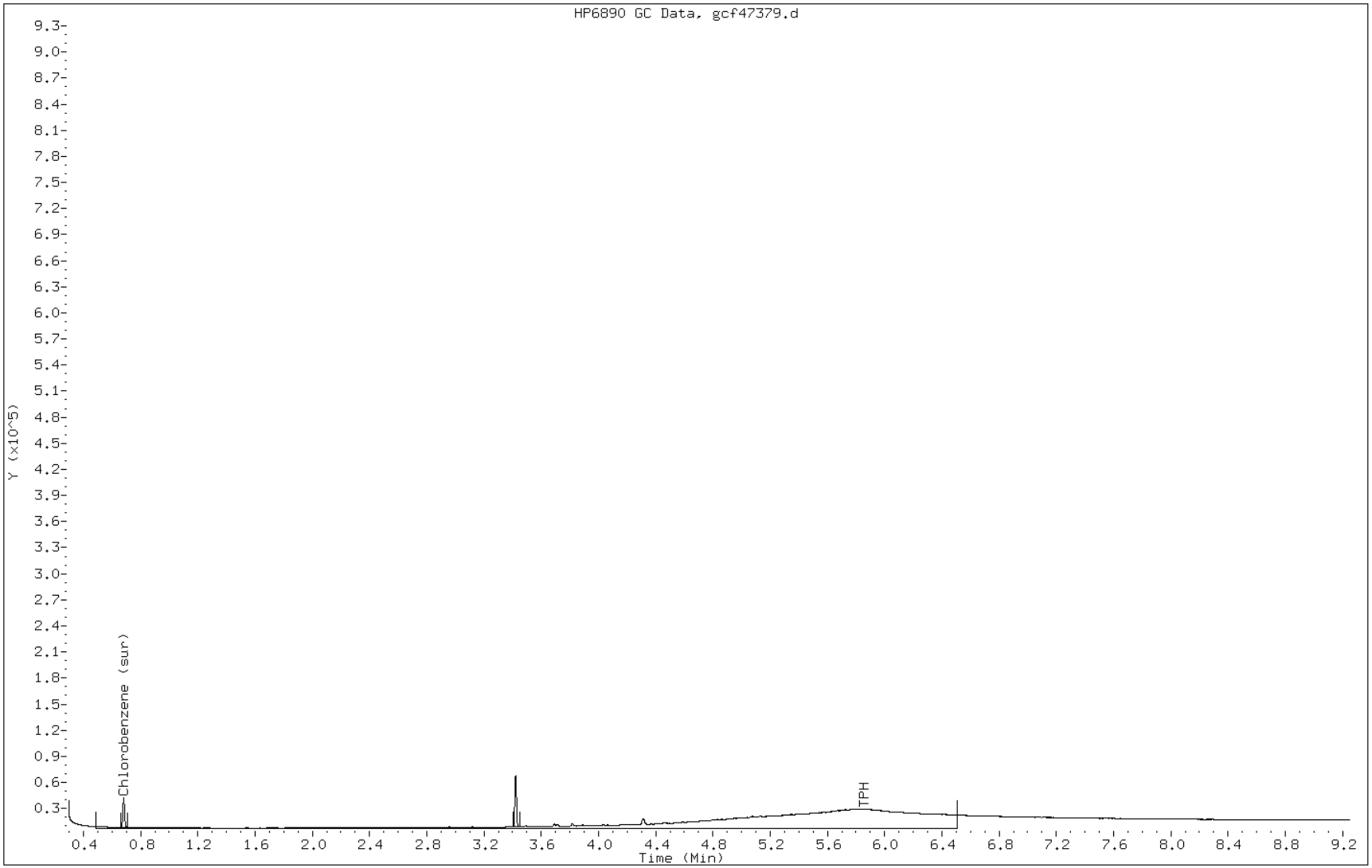
M - Compound response manually integrated.

Data File: gcf47379.d

Date: 16-SEP-2011 18:08

Client ID: PMP-14-WT-S (7.0-7. Instrument: BNAGC1.i

Sample Info: 460-30837-F-23-A Operator: BNAGC1



Manual Integration Report

Data File: gcf47379.d
Inj. Date and Time: 16-SEP-2011 18:08
Instrument ID: BNAGC1.i
Client ID: PMP-14-WT-S (7.0-7.
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/18/2011

Processing Integration Results

Not Detected

Expected RT: 3.42

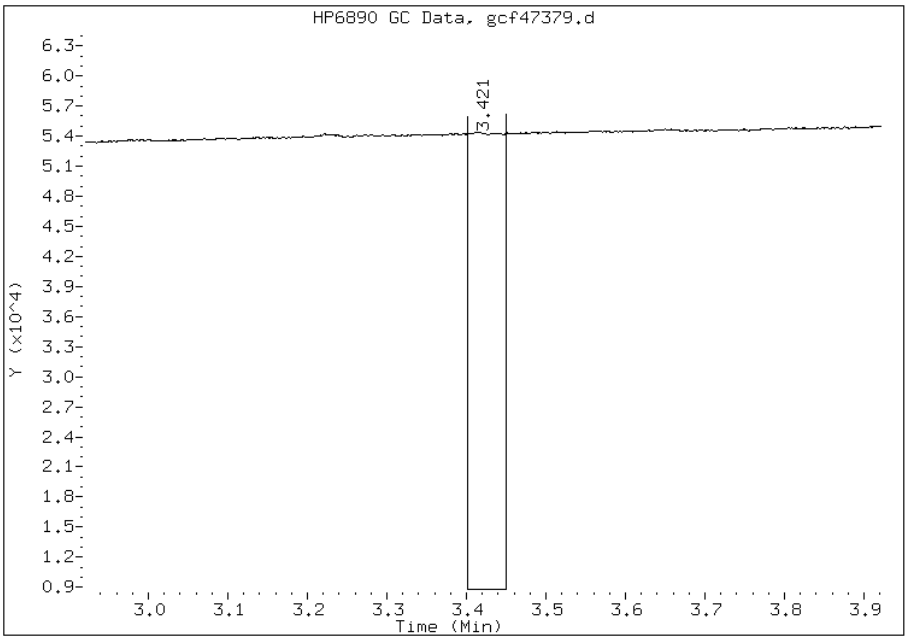
Manual Integration Results

RT: 3.42

Response: 968405

Amount: 14.78

Conc: 1.11



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf47379.d
Inj. Date and Time: 16-SEP-2011 18:08
Instrument ID: BNAGC1.i
Client ID: PMP-14-WT-S (7.0-7.
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/18/2011

Processing Integration Results

Not Detected

Expected RT: 0.68

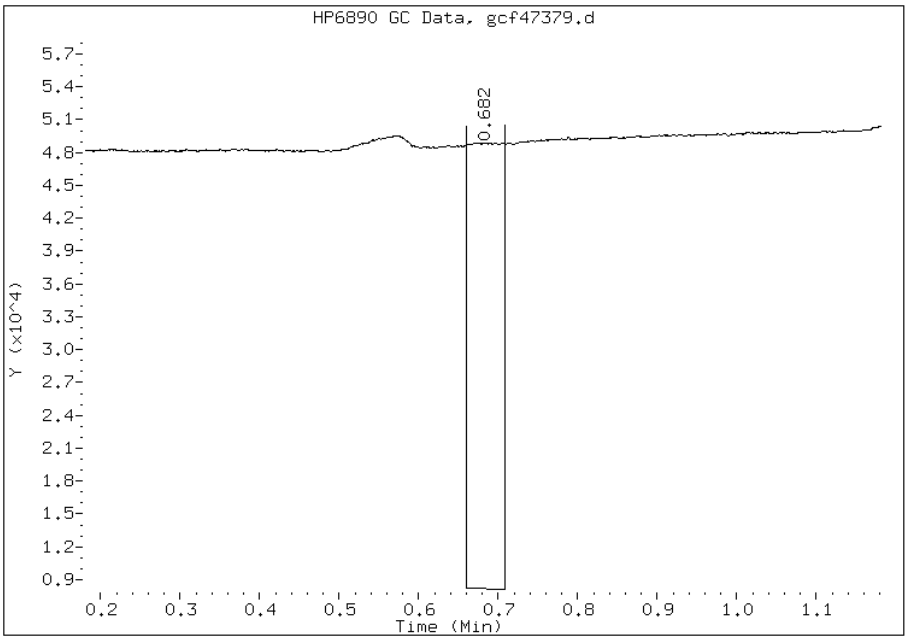
Manual Integration Results

RT: 0.68

Response: 596950

Amount: 11.23

Conc: 0.84



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-8-VS-S (0.5-1.0) Lab Sample ID: 460-30837-24

Matrix: Solid Lab File ID: gcf47380.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/09/2011 10:15

Extraction Method: 3546 Date Extracted: 09/13/2011 21:17

Sample wt/vol: 15.00(g) Date Analyzed: 09/16/2011 18:23

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.: 86454 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	420		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: gcf47380.d
Report Date: 18-Sep-2011 22:10

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-16-11/16sep11b.b/gcf47380.d
Lab Smp Id: 460-30837-F-24-A Client Smp ID: PMP-8-VS-S (0.5-1.0
Inj Date : 16-SEP-2011 18:23
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-30837-F-24-A
Misc Info : 460-30837-F-24-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-16-11/16sep11b.b/QAM2009r.m
Meth Date : 18-Sep-2011 22:04 diazc Quant Type: ESTD
Cal Date : 13-SEP-2011 09:34 Cal File: gcf47091.d
Als bottle: 9
Dil Factor: 10.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

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	15.00000	Weight of sample extracted (g)
M	5.56586	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

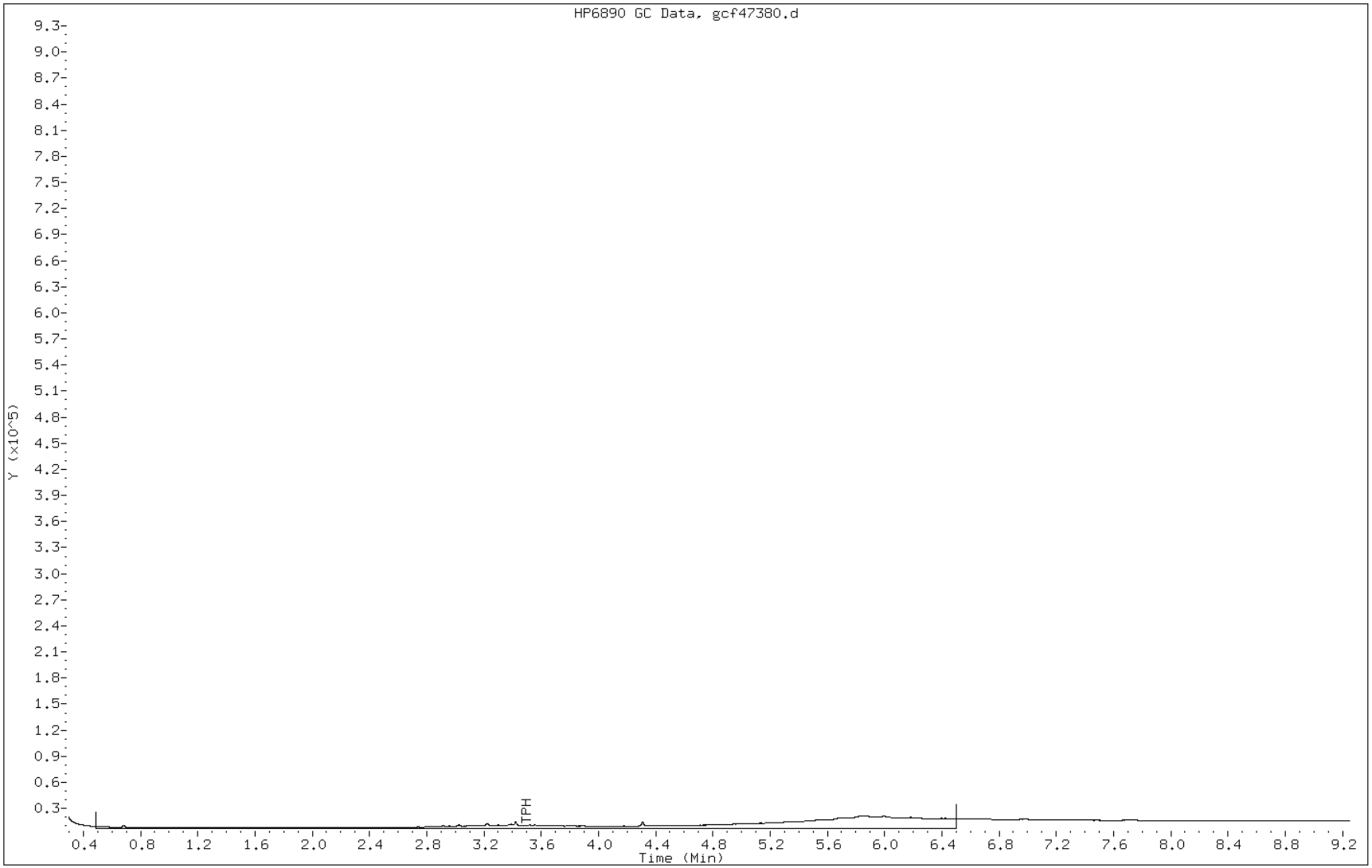
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	Compound Not Detected.					
$ 2 Chlorobenzene (sur)	Compound Not Detected.					
3 TPH	3.497	3.205	0.292	30284232	597.176	422

Data File: gcf47380.d

Date: 16-SEP-2011 18:23

Client ID: PMP-8-VS-S (0.5-1.0 Instrument: BNAGC1.i

Sample Info: 460-30837-F-24-A Operator: BNAGC1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-8-VD-S (2.5-3.0) Lab Sample ID: 460-30837-25

Matrix: Solid Lab File ID: gcf47381.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/09/2011 10:20

Extraction Method: 3546 Date Extracted: 09/13/2011 21:17

Sample wt/vol: 15.00(g) Date Analyzed: 09/16/2011 18:33

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 3.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86454 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	29		5.7	5.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	63		48-112
108-90-7	Chlorobenzene	55		32-106

Data File: gcf47381.d
Report Date: 18-Sep-2011 22:11

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-16-11/16sep11b.b/gcf47381.d
Lab Smp Id: 460-30837-F-25-A Client Smp ID: PMP-8-VD-S (2.5-3.0
Inj Date : 16-SEP-2011 18:33
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-30837-F-25-A
Misc Info : 460-30837-F-25-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-16-11/16sep11b.b/QAM2009r.m
Meth Date : 18-Sep-2011 22:04 diazc Quant Type: ESTD
Cal Date : 13-SEP-2011 09:34 Cal File: gcf47091.d
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

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	3.70370	% 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)	3.422	3.422	0.000	825434	12.5955	0.87(M)
$ 2 Chlorobenzene (sur)	0.683	0.682	0.001	586934	11.0407	0.76(M)
3 TPH	5.881	3.205	2.676	20991396	413.930	28.6(M)

QC Flag Legend

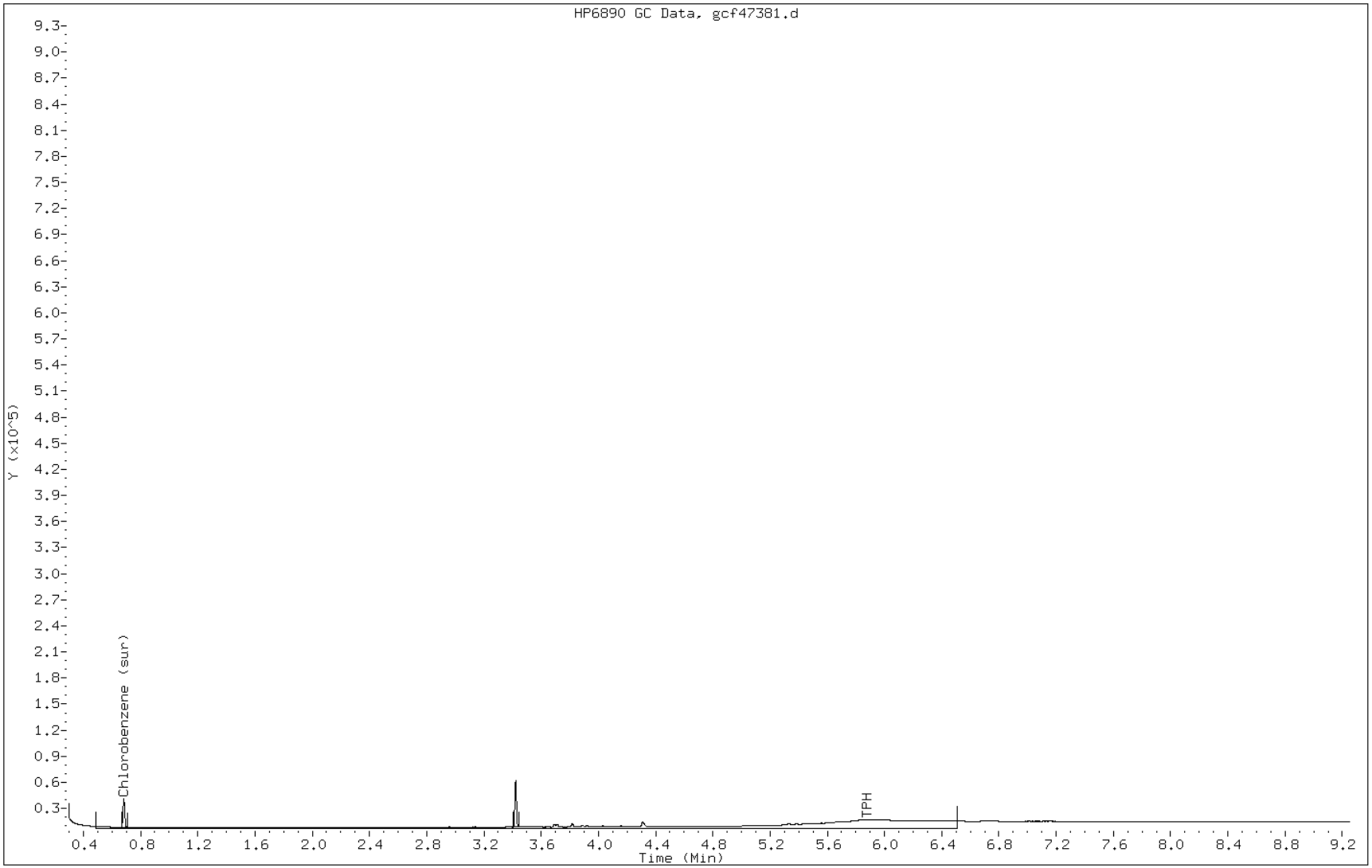
M - Compound response manually integrated.

Data File: gcf47381.d

Date: 16-SEP-2011 18:33

Client ID: PMP-8-VD-S (2.5-3.0 Instrument: BNAGC1.i

Sample Info: 460-30837-F-25-A Operator: BNAGC1



Manual Integration Report

Data File: gcf47381.d
Inj. Date and Time: 16-SEP-2011 18:33
Instrument ID: BNAGC1.i
Client ID: PMP-8-VD-S (2.5-3.0
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/18/2011

Processing Integration Results

Not Detected

Expected RT: 3.42

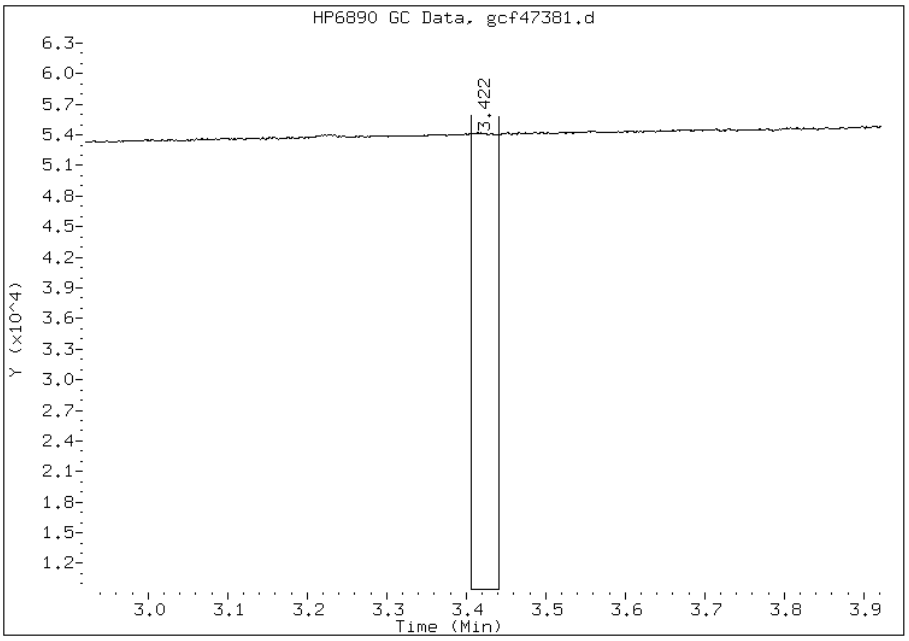
Manual Integration Results

RT: 3.42

Response: 825434

Amount: 12.60

Conc: 0.87



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf47381.d
Inj. Date and Time: 16-SEP-2011 18:33
Instrument ID: BNAGC1.i
Client ID: PMP-8-VD-S (2.5-3.0
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/18/2011

Processing Integration Results

Not Detected

Expected RT: 0.68

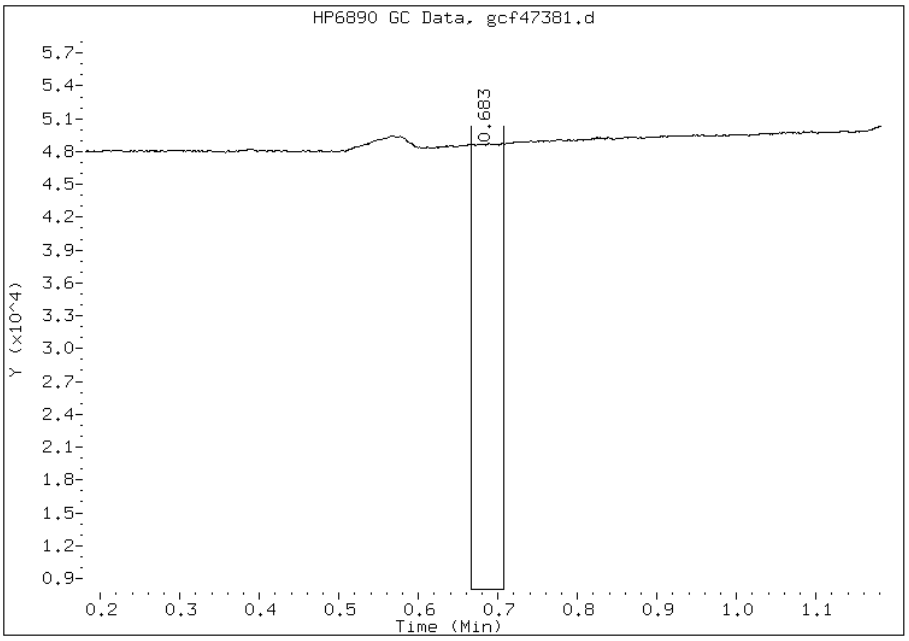
Manual Integration Results

RT: 0.68

Response: 586934

Amount: 11.04

Conc: 0.76



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-8-WT-S (7.0-7.5) Lab Sample ID: 460-30837-26

Matrix: Solid Lab File ID: gcf47382.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/09/2011 10:25

Extraction Method: 3546 Date Extracted: 09/13/2011 21:17

Sample wt/vol: 15.00(g) Date Analyzed: 09/16/2011 18:47

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 12.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86454 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	29		6.3	6.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	69		48-112
108-90-7	Chlorobenzene	55		32-106

Data File: gcf47382.d
Report Date: 18-Sep-2011 22:11

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-16-11/16sep11b.b/gcf47382.d
Lab Smp Id: 460-30837-F-26-A Client Smp ID: PMP-8-WT-S (7.0-7.5
Inj Date : 16-SEP-2011 18:47
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-30837-F-26-A
Misc Info : 460-30837-F-26-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-16-11/16sep11b.b/QAM2009r.m
Meth Date : 18-Sep-2011 22:04 diazc Quant Type: ESTD
Cal Date : 13-SEP-2011 09:34 Cal File: gcf47091.d
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

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	12.34783	% 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)	3.423	3.422	0.001	900267	13.7373	1.0(M)
$ 2 Chlorobenzene (sur)	0.681	0.682	-0.001	588185	11.0642	0.84(M)
3 TPH	5.881	3.205	2.676	19534092	385.193	29.3(M)

QC Flag Legend

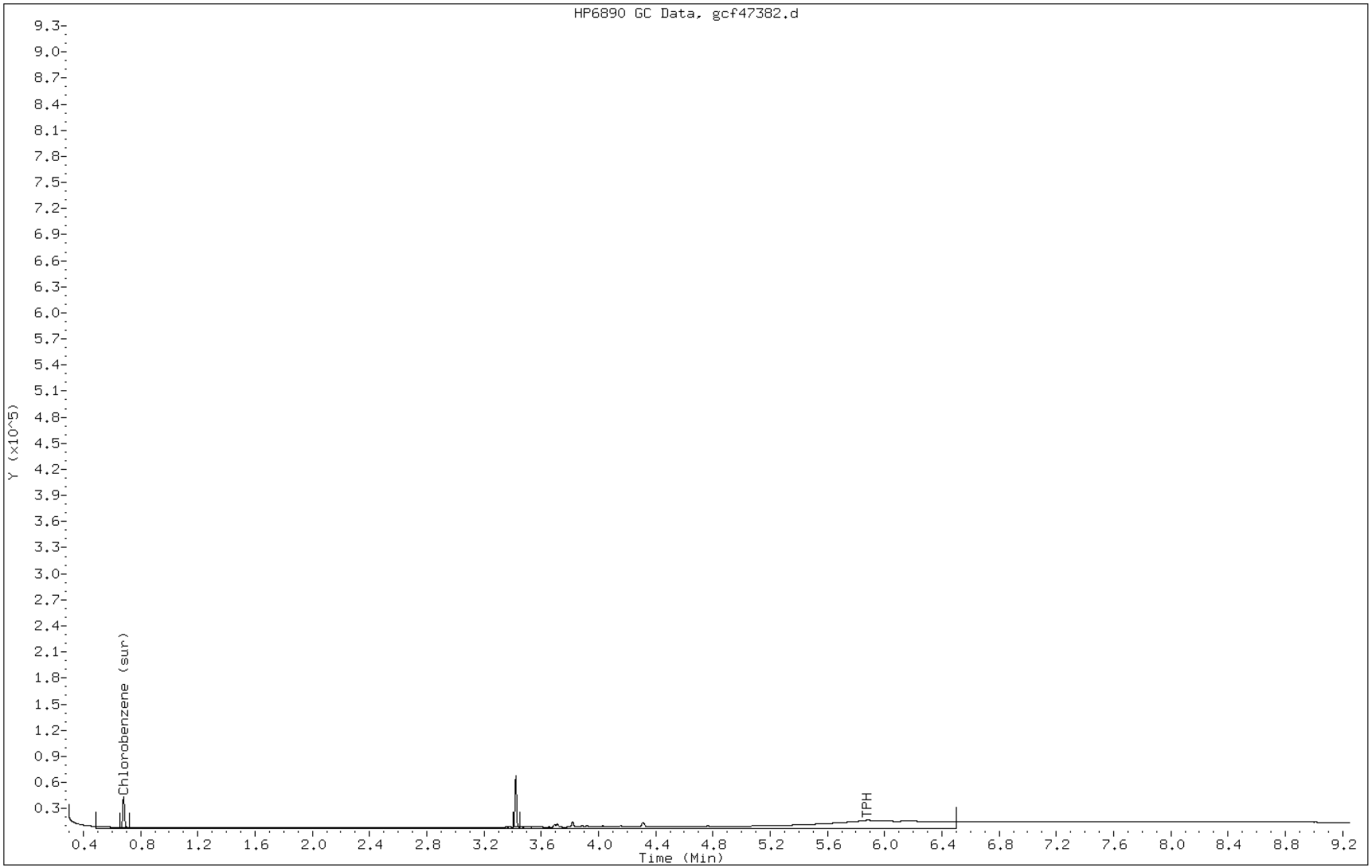
M - Compound response manually integrated.

Data File: gcf47382.d

Date: 16-SEP-2011 18:47

Client ID: PMP-8-WT-S (7.0-7.5 Instrument: BNAGC1.i

Sample Info: 460-30837-F-26-A Operator: BNAGC1



Manual Integration Report

Data File: gcf47382.d
Inj. Date and Time: 16-SEP-2011 18:47
Instrument ID: BNAGC1.i
Client ID: PMP-8-WT-S (7.0-7.5
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/18/2011

Processing Integration Results

Not Detected

Expected RT: 3.42

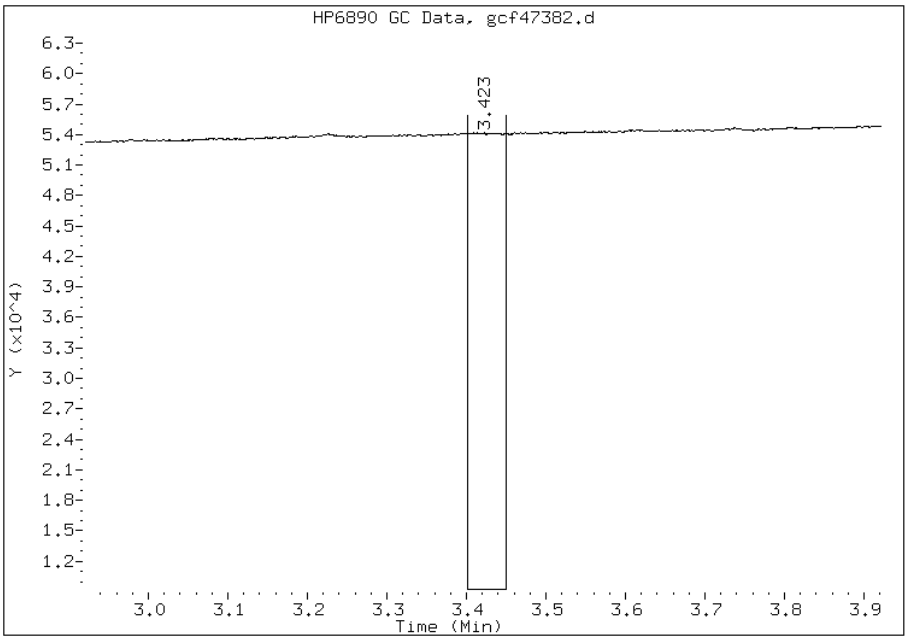
Manual Integration Results

RT: 3.42

Response: 900267

Amount: 13.74

Conc: 1.04



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf47382.d
Inj. Date and Time: 16-SEP-2011 18:47
Instrument ID: BNAGC1.i
Client ID: PMP-8-WT-S (7.0-7.5
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/18/2011

Processing Integration Results

Not Detected

Expected RT: 0.68

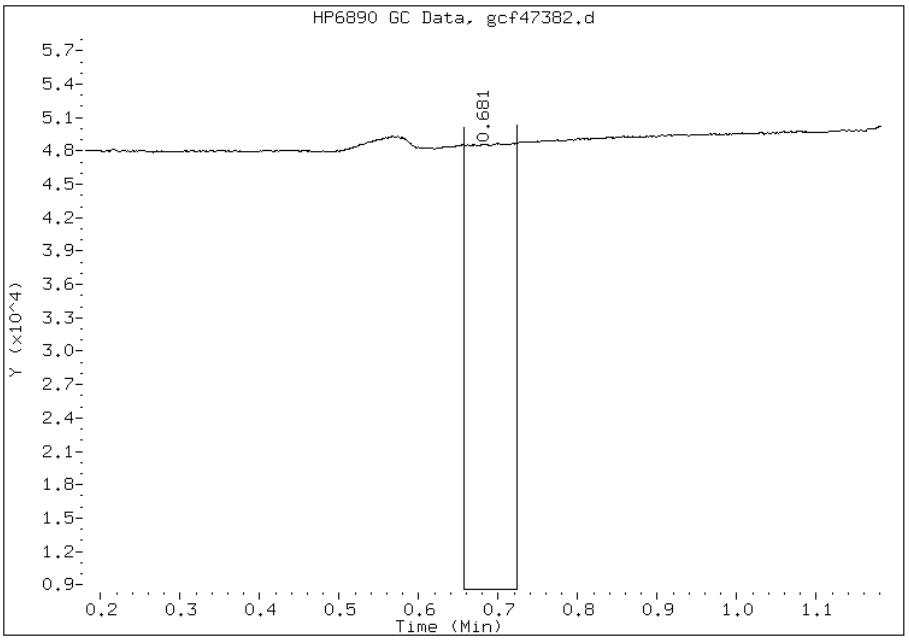
Manual Integration Results

RT: 0.68

Response: 588185

Amount: 11.06

Conc: 0.84



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-4-VS-S (0.5-1.0) Lab Sample ID: 460-30837-27

Matrix: Solid Lab File ID: gcf47383.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/09/2011 10:30

Extraction Method: 3546 Date Extracted: 09/13/2011 21:17

Sample wt/vol: 15.00(g) Date Analyzed: 09/16/2011 19:02

Con. Extract Vol.: 1(mL) Dilution Factor: 100

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 7.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86454 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	2900		600	600

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: gcf47383.d
Report Date: 18-Sep-2011 22:11

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-16-11/16sep11b.b/gcf47383.d
Lab Smp Id: 460-30837-F-27-A Client Smp ID: PMP-4-VS-S (0.5-1.0
Inj Date : 16-SEP-2011 19:02
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-30837-F-27-A
Misc Info : 460-30837-F-27-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-16-11/16sep11b.b/QAM2009r.m
Meth Date : 18-Sep-2011 22:04 diazc Quant Type: ESTD
Cal Date : 13-SEP-2011 09:34 Cal File: gcf47091.d
Als bottle: 12
Dil Factor: 100.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	100.00000	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	7.94824	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

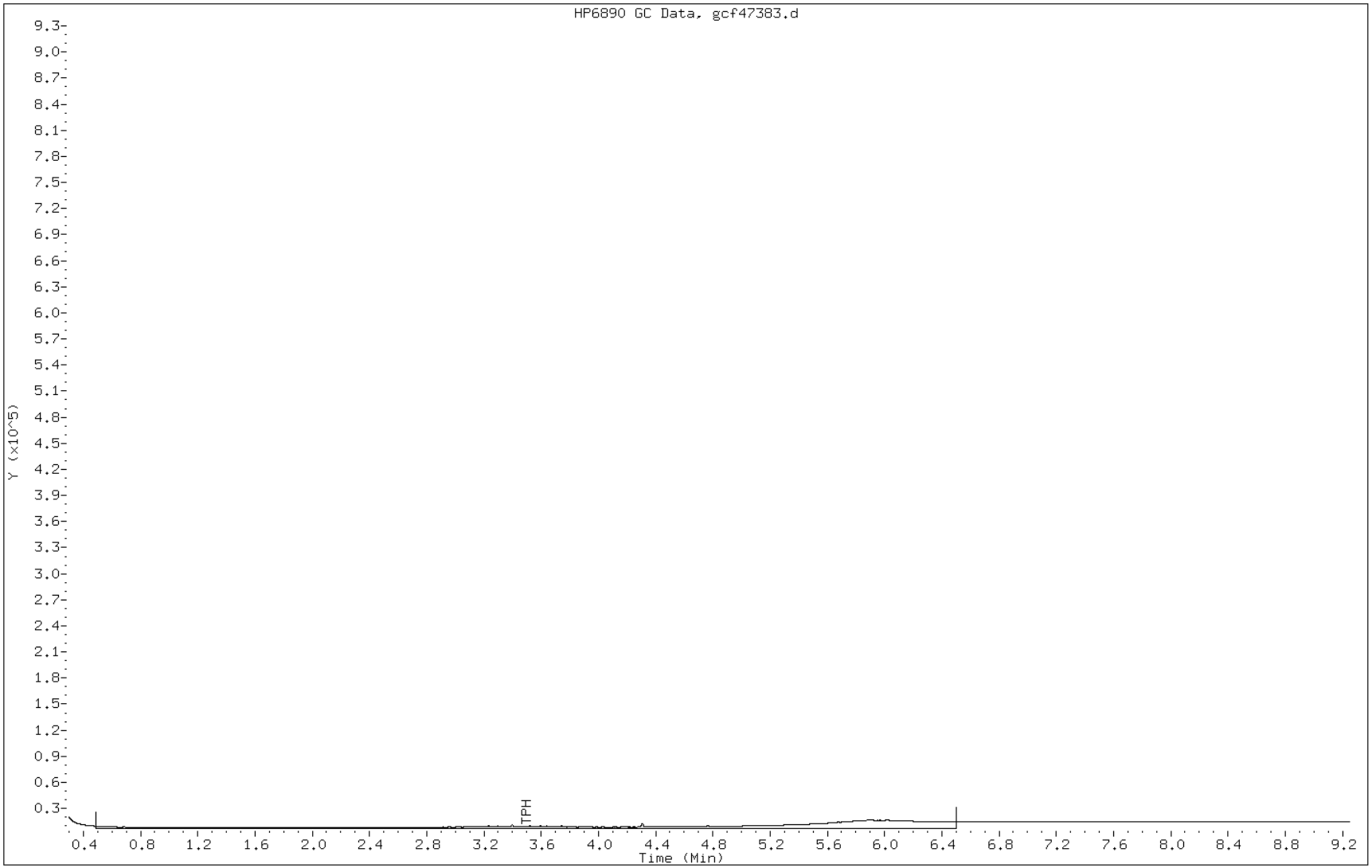
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	Compound Not Detected.					
$ 2 Chlorobenzene (sur)	Compound Not Detected.					
3 TPH	3.496	3.205	0.291	20434666	402.952	2920

Data File: gcf47383.d

Date: 16-SEP-2011 19:02

Client ID: PMP-4-VS-S (0.5-1.0 Instrument: BNAGC1.i

Sample Info: 460-30837-F-27-A Operator: BNAGC1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-4-VD-S (2.5-3.0) Lab Sample ID: 460-30837-28

Matrix: Solid Lab File ID: gcf47384.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/09/2011 10:35

Extraction Method: 3546 Date Extracted: 09/13/2011 21:17

Sample wt/vol: 15.00(g) Date Analyzed: 09/16/2011 19:12

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 4.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86454 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	70		48-112
108-90-7	Chlorobenzene	54		32-106

Data File: gcf47384.d
Report Date: 18-Sep-2011 22:13

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-16-11/16sep11b.b/gcf47384.d
Lab Smp Id: 460-30837-F-28-A Client Smp ID: PMP-4-VD-S (2.5-3.0
Inj Date : 16-SEP-2011 19:12
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-30837-F-28-A
Misc Info : 460-30837-F-28-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-16-11/16sep11b.b/QAM2009r.m
Meth Date : 18-Sep-2011 22:04 diazc Quant Type: ESTD
Cal Date : 13-SEP-2011 09:34 Cal File: gcf47091.d
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

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	4.00729	% 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)	3.422	3.422	0.000	915977	13.9771	0.97(M)
$ 2 Chlorobenzene (sur)	0.682	0.682	0.000	578046	10.8735	0.76(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

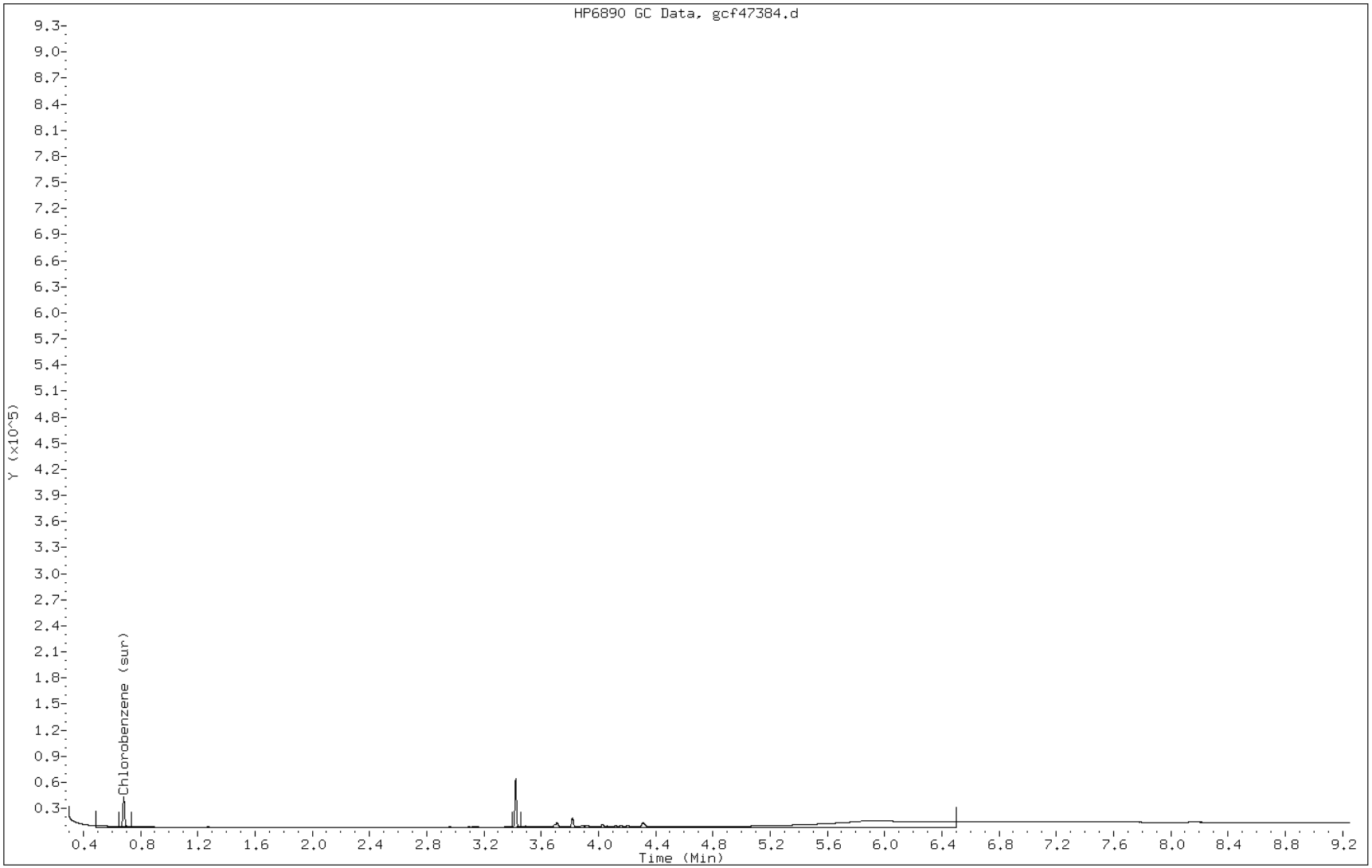
M - Compound response manually integrated.

Data File: gcf47384.d

Date: 16-SEP-2011 19:12

Client ID: PMP-4-VD-S (2.5-3.0 Instrument: BNAGC1.i

Sample Info: 460-30837-F-28-A Operator: BNAGC1



Manual Integration Report

Data File: gcf47384.d
Inj. Date and Time: 16-SEP-2011 19:12
Instrument ID: BNAGC1.i
Client ID: PMP-4-VD-S (2.5-3.0
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/18/2011

Processing Integration Results

Not Detected

Expected RT: 3.42

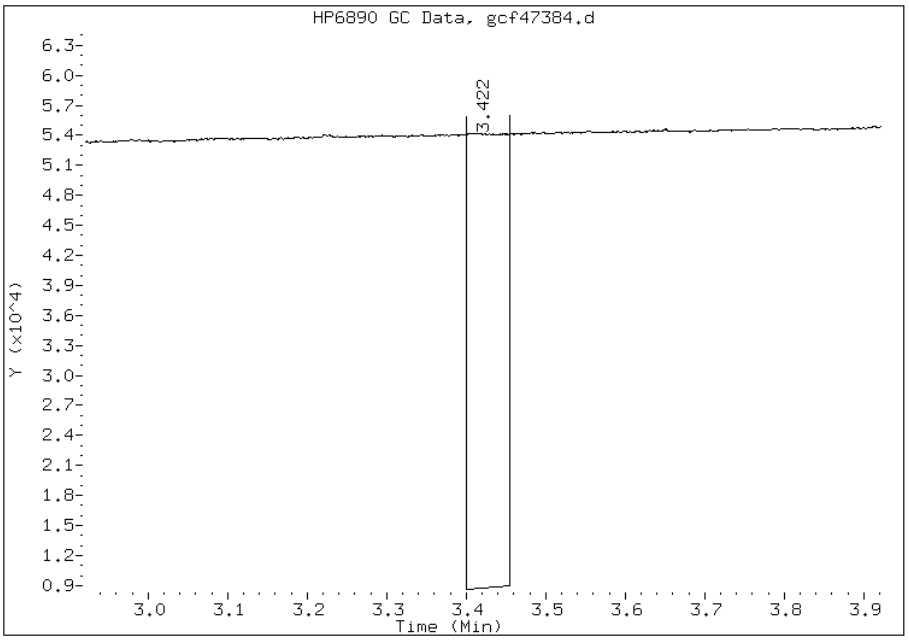
Manual Integration Results

RT: 3.42

Response: 915977

Amount: 13.98

Conc: 0.97



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf47384.d
Inj. Date and Time: 16-SEP-2011 19:12
Instrument ID: BNAGC1.i
Client ID: PMP-4-VD-S (2.5-3.0
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/18/2011

Processing Integration Results

Not Detected

Expected RT: 0.68

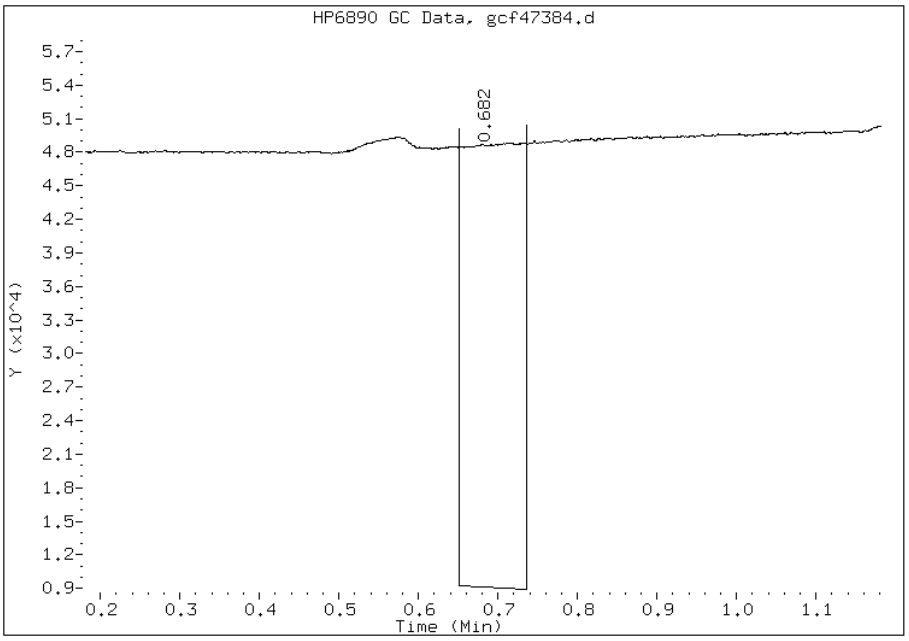
Manual Integration Results

RT: 0.68

Response: 578046

Amount: 10.87

Conc: 0.76



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-4-WT-S (7.0-7.5) | Lab Sample ID: 460-30837-29

Matrix: Solid | Lab File ID: gcf47233.d

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 09/09/2011 10:40

Extraction Method: 3546 | Date Extracted: 09/13/2011 21:17

Sample wt/vol: 15.00(g) | Date Analyzed: 09/15/2011 04:34

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 12.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 86238 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	6.3	U	6.3	6.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	66		48-112
108-90-7	Chlorobenzene	53		32-106

Data File: gcf47233.d
Report Date: 15-Sep-2011 16:24

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-15-11/15sep11a.b/gcf47233.d
Lab Smp Id: 460-30837-F-29-C Client Smp ID: PMP-4-WT-S (7.0-7.5
Inj Date : 15-SEP-2011 04:34
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-30837-F-29-C
Misc Info : 460-30837-F-29-C
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-15-11/15sep11a.b/QAM2009r.m
Meth Date : 15-Sep-2011 15:54 nimerd Quant Type: ESTD
Cal Date : 13-SEP-2011 09:34 Cal File: gcf47091.d
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

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	1.00000	Weight of sample extracted (g)
M	12.88014	% 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)	3.426	3.497	-0.071	861049	13.1389	15.1(M)
$ 2 Chlorobenzene (sur)	0.685	0.684	0.001	563321	10.5965	12.2(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

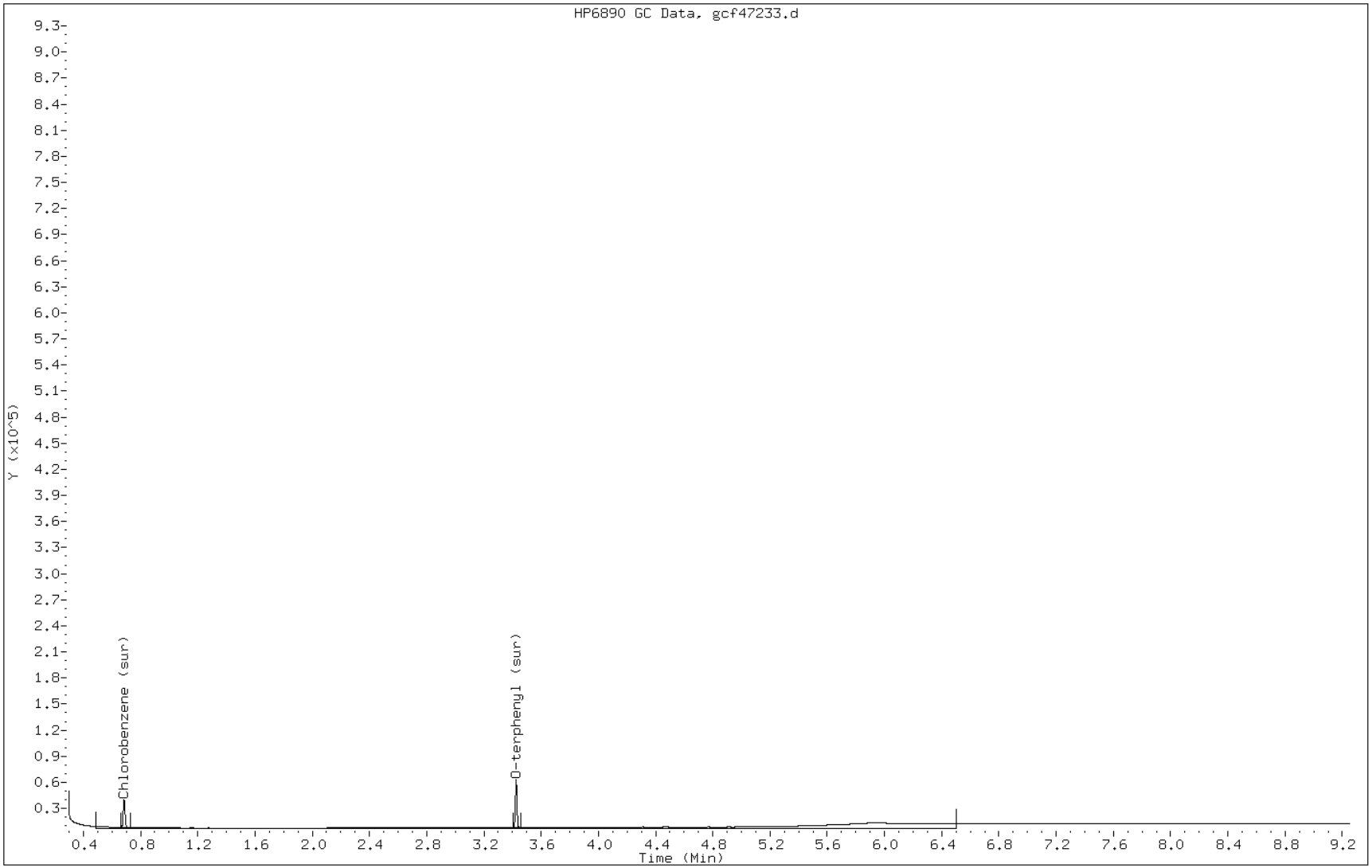
M - Compound response manually integrated.

Data File: gcf47233.d

Date: 15-SEP-2011 04:34

Client ID: PMP-4-WT-S (7.0-7.5 Instrument: BNAGC1.i

Sample Info: 460-30837-F-29-C Operator: BNAGC1



Manual Integration Report

Data File: gcf47233.d
Inj. Date and Time: 15-SEP-2011 04:34
Instrument ID: BNAGC1.i
Client ID: PMP-4-WT-S (7.0-7.5
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/15/2011

Processing Integration Results

Not Detected

Expected RT: 3.42

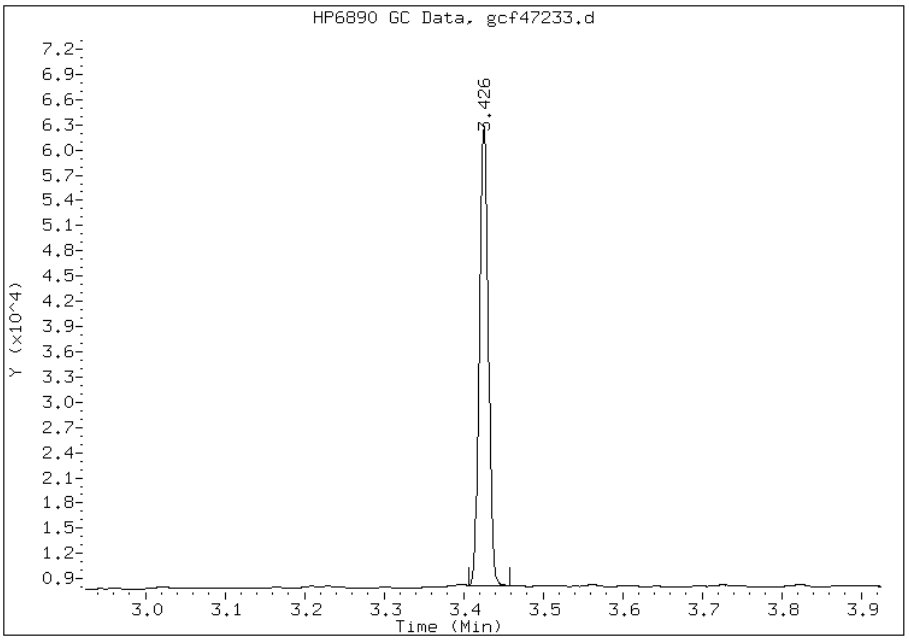
Manual Integration Results

RT: 3.43

Response: 861049

Amount: 13.14

Conc: 15.08



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf47233.d
Inj. Date and Time: 15-SEP-2011 04:34
Instrument ID: BNAGC1.i
Client ID: PMP-4-WT-S (7.0-7.5
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/15/2011

Processing Integration Results

Not Detected

Expected RT: 0.68

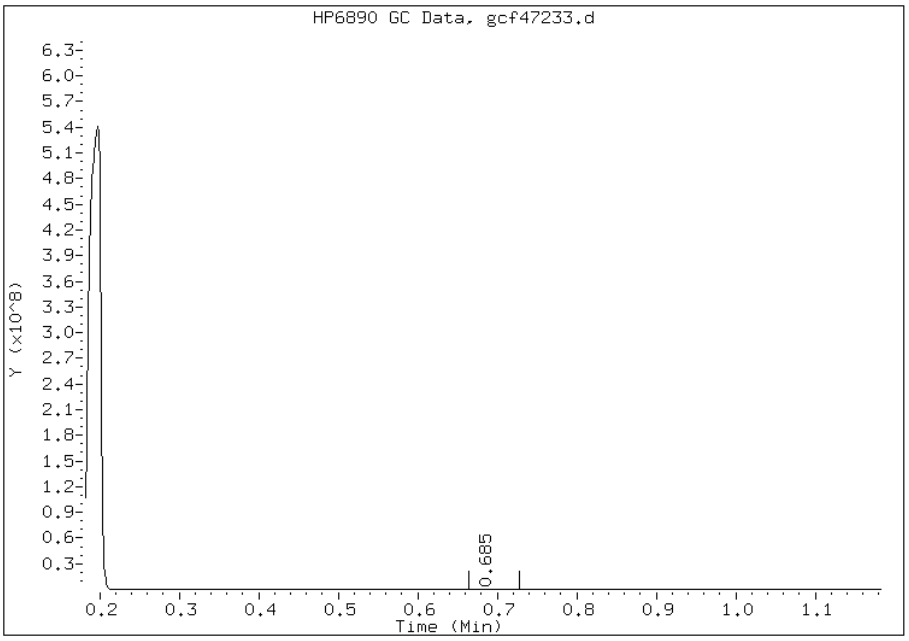
Manual Integration Results

RT: 0.68

Response: 563321

Amount: 10.60

Conc: 12.16



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: FB_090811 Lab Sample ID: 460-30837-30

Matrix: Water Lab File ID: gcf47347.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/08/2011 14:00

Extraction Method: 3510C Date Extracted: 09/13/2011 07:31

Sample wt/vol: 1000(mL) Date Analyzed: 09/16/2011 10:26

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.: 86370 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	84		50-109
108-90-7	Chlorobenzene	60		36-104

Data File: gcf47347.d
Report Date: 16-Sep-2011 16:22

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-16-11/16sep11a.b/gcf47347.d
Lab Smp Id: 460-30837-I-30-A Client Smp ID: FB_090811
Inj Date : 16-SEP-2011 10:26
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-30837-I-30-A
Misc Info : 460-30837-I-30-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-16-11/16sep11a.b/QAM2009r.m
Meth Date : 16-Sep-2011 16:22 nimerd Quant Type: ESTD
Cal Date : 13-SEP-2011 09:34 Cal File: gcf47091.d
Als bottle: 80
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

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)	3.422	3.423	-0.001	1107043	16.8926	0.017(M)
$ 2 Chlorobenzene (sur)	0.682	0.684	-0.002	639358	12.0268	0.012(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

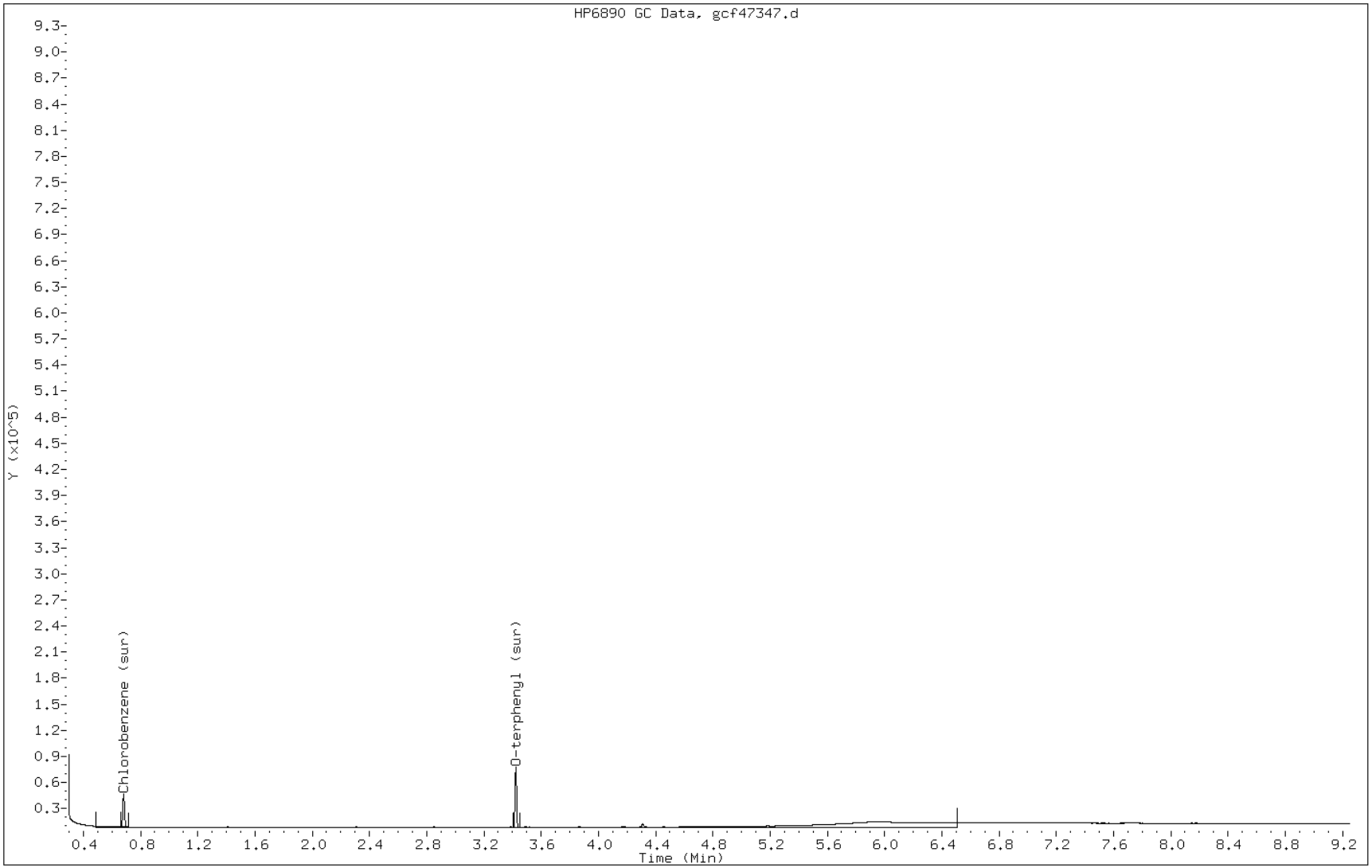
M - Compound response manually integrated.

Data File: gcf47347.d

Date: 16-SEP-2011 10:26

Client ID: FB_090811 Instrument: BNAGC1.i

Sample Info: 460-30837-I-30-A Operator: BNAGC1



Manual Integration Report

Data File: gcf47347.d
Inj. Date and Time: 16-SEP-2011 10:26
Instrument ID: BNAGC1.i
Client ID: FB_090811
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/16/2011

Processing Integration Results

Not Detected

Expected RT: 3.42

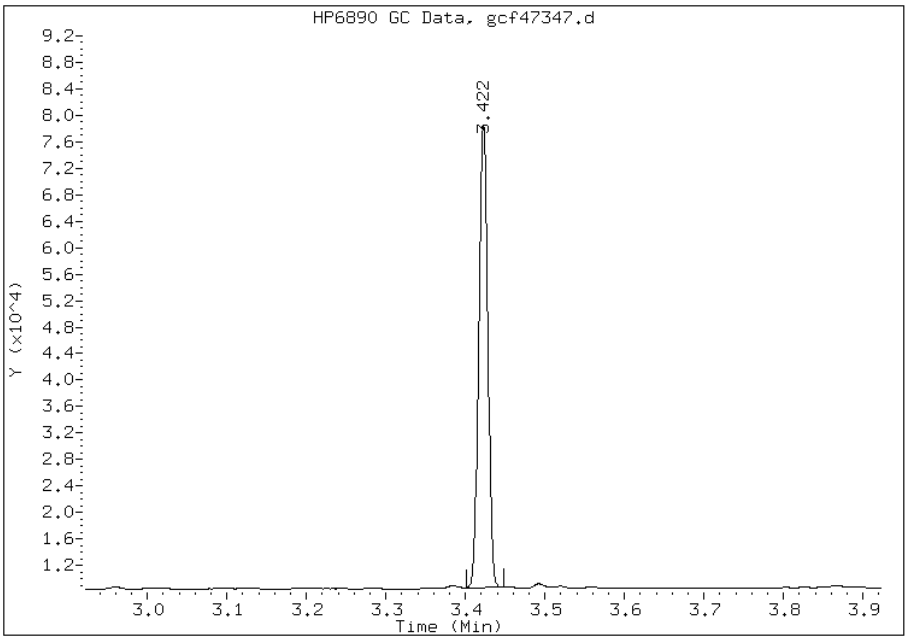
Manual Integration Results

RT: 3.42

Response: 1107043

Amount: 16.89

Conc: 0.02



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf47347.d
Inj. Date and Time: 16-SEP-2011 10:26
Instrument ID: BNAGC1.i
Client ID: FB_090811
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/16/2011

Processing Integration Results

Not Detected

Expected RT: 0.68

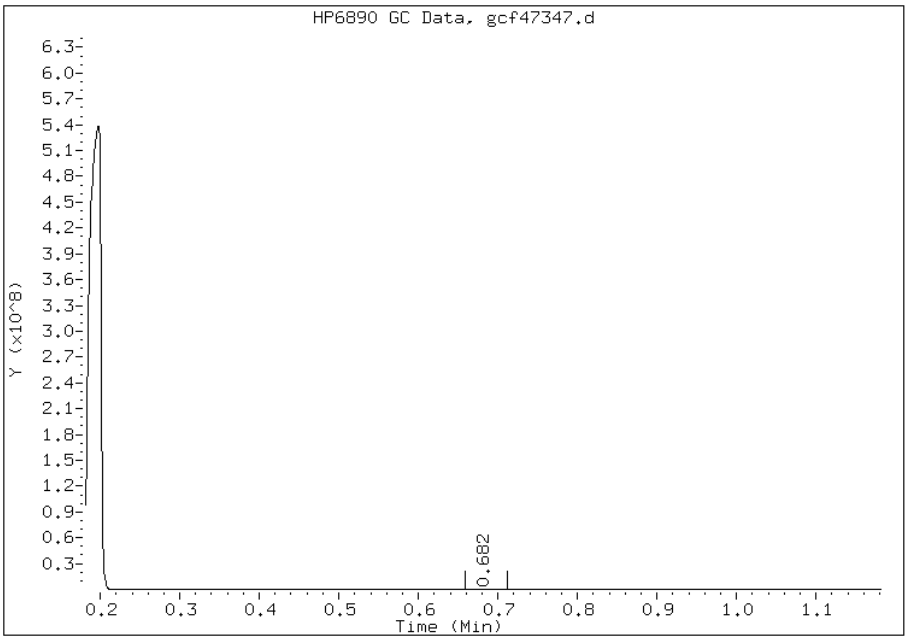
Manual Integration Results

RT: 0.68

Response: 639358

Amount: 12.03

Conc: 0.01



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: FB_090911 Lab Sample ID: 460-30837-31

Matrix: Water Lab File ID: gcf47353.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/09/2011 07:45

Extraction Method: 3510C Date Extracted: 09/13/2011 07:31

Sample wt/vol: 1000(mL) Date Analyzed: 09/16/2011 11:46

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.: 86370 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	79		50-109
108-90-7	Chlorobenzene	57		36-104

Data File: gcf47353.d
Report Date: 16-Sep-2011 16:23

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-16-11/16sep11a.b/gcf47353.d
Lab Smp Id: 460-30837-I-31-A Client Smp ID: FB_090911
Inj Date : 16-SEP-2011 11:46
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-30837-I-31-A
Misc Info : 460-30837-I-31-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-16-11/16sep11a.b/QAM2009r.m
Meth Date : 16-Sep-2011 16:22 nimerd Quant Type: ESTD
Cal Date : 13-SEP-2011 09:34 Cal File: gcf47091.d
Als bottle: 81
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

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)	3.423	3.423	0.000	1032515	15.7553	0.016(M)
$ 2 Chlorobenzene (sur)	0.683	0.683	0.000	601515	11.3150	0.011(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

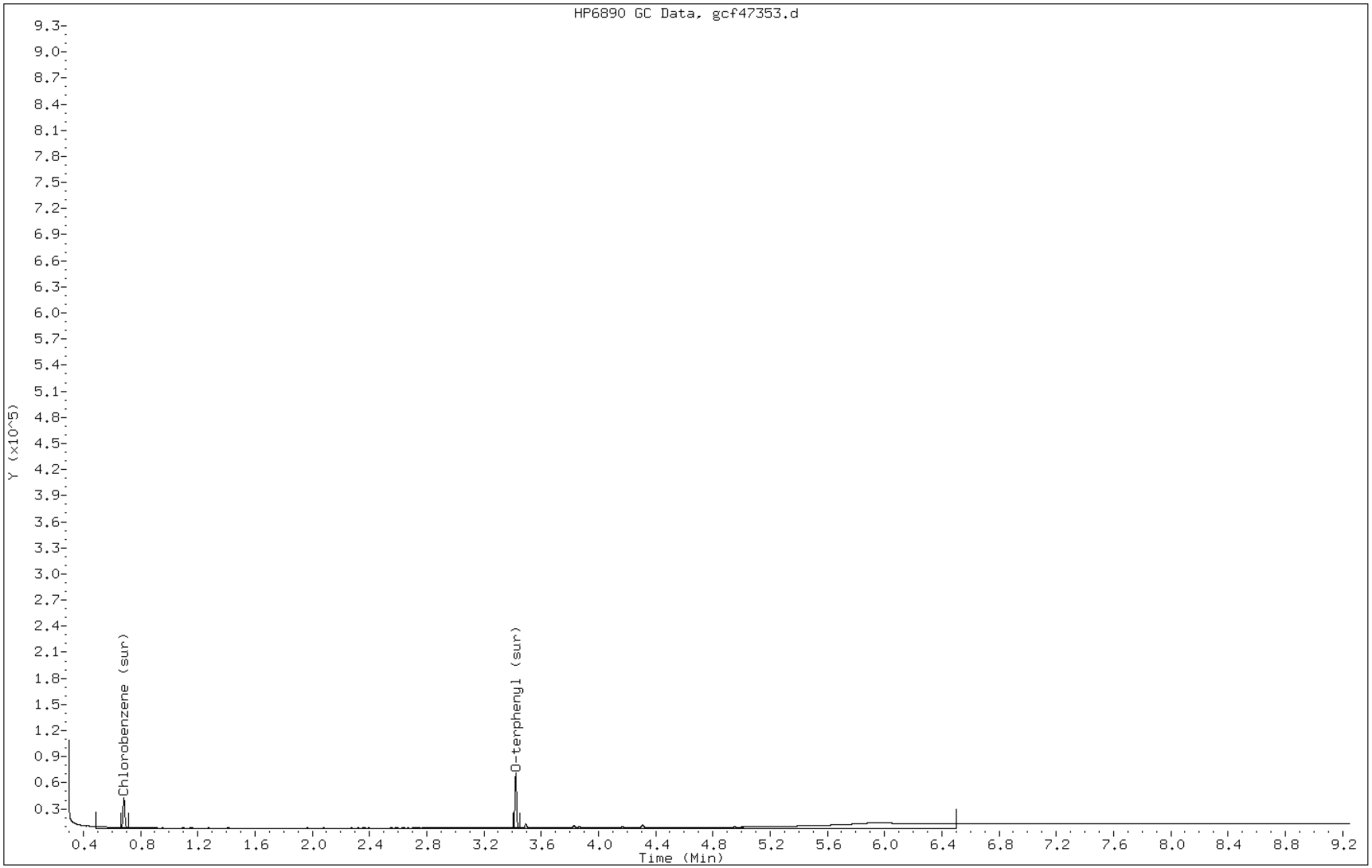
M - Compound response manually integrated.

Data File: gcf47353.d

Date: 16-SEP-2011 11:46

Client ID: FB_090911 Instrument: BNAGC1.i

Sample Info: 460-30837-I-31-A Operator: BNAGC1



Manual Integration Report

Data File: gcf47353.d
Inj. Date and Time: 16-SEP-2011 11:46
Instrument ID: BNAGC1.i
Client ID: FB_090911
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/16/2011

Processing Integration Results

Not Detected

Expected RT: 3.42

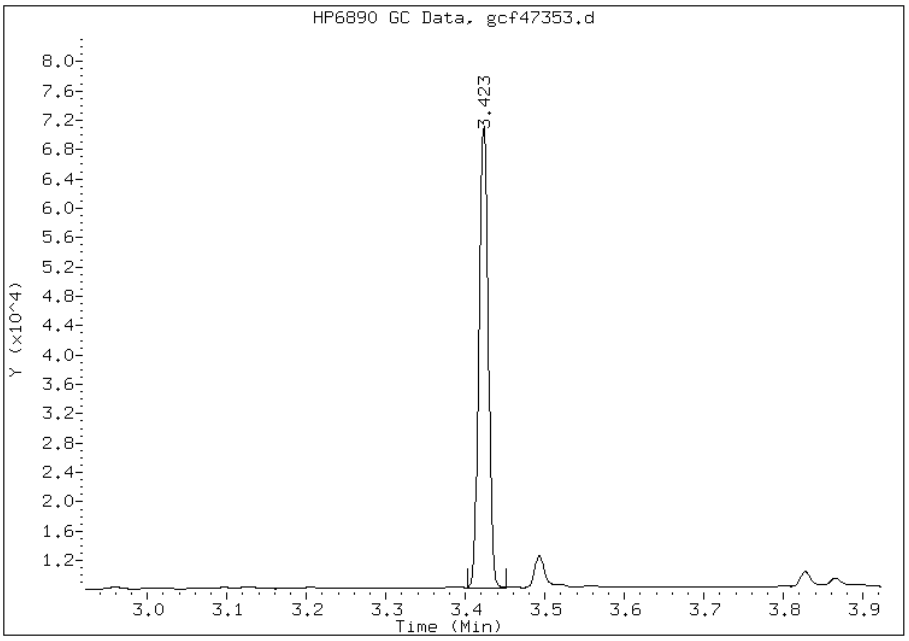
Manual Integration Results

RT: 3.42

Response: 1032515

Amount: 15.76

Conc: 0.02



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf47353.d
Inj. Date and Time: 16-SEP-2011 11:46
Instrument ID: BNAGC1.i
Client ID: FB_090911
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/16/2011

Processing Integration Results

Not Detected

Expected RT: 0.68

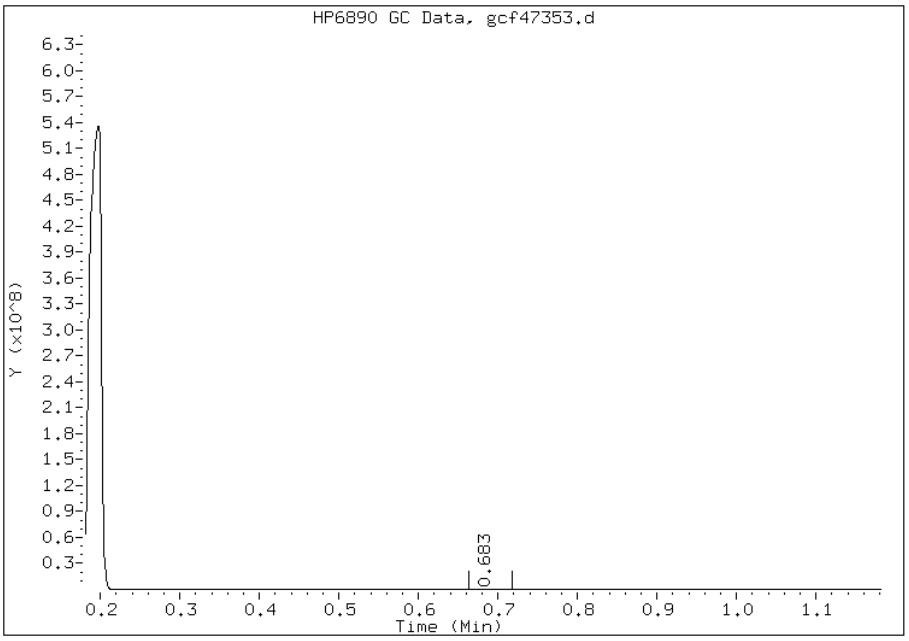
Manual Integration Results

RT: 0.68

Response: 601515

Amount: 11.31

Conc: 0.01



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.: 460-30837-1 Analy Batch No.: 79647

SDG No.:

Instrument ID: BNAGC1 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/12/2011 17:09 Calibration End Date: 07/12/2011 19:02 Calibration ID: 11448

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-79647/10	gcf45475.d
Level 2	IC 460-79647/3	gcf45468.d
Level 3	IC 460-79647/4	gcf45469.d
Level 4	IC 460-79647/5	gcf45470.d
Level 5	IC 460-79647/6	gcf45471.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
Total Petroleum Hydrocarbons (C8-C40)	0.550	0.551	0.551	0.549	0.552						0.000 - 30.550	0.551
Chlorobenzene	0.718	0.718	0.718	0.717	0.718						0.615 - 0.815	0.718
o-Terphenyl	3.511	3.509	3.509	3.510	3.511						3.410 - 3.610	3.510

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 79647

SDG No.:

Instrument ID: BNAGC1 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/12/2011 17:09 Calibration End Date: 07/12/2011 19:02 Calibration ID: 11448

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-79647/10	gcf45475.d
Level 2	IC 460-79647/3	gcf45468.d
Level 3	IC 460-79647/4	gcf45469.d
Level 4	IC 460-79647/5	gcf45470.d
Level 5	IC 460-79647/6	gcf45471.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)	55365 57600	58081	38234	44237	Ave		50703.3118				17.7		20.0			
Chlorobenzene	44180 57277	52722	52402	48160	Ave		50948.3040				9.8		20.0			
o-Terphenyl	69184 73336	65427	67401	60245	Ave		67118.7360				7.2		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.: 460-30837-1 Analy Batch No.: 79647

SDG No.:

Instrument ID: BNAGC1 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/12/2011 17:09 Calibration End Date: 07/12/2011 19:02 Calibration ID: 11448

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-79647/10	gcf45475.d
Level 2	IC 460-79647/3	gcf45468.d
Level 3	IC 460-79647/4	gcf45469.d
Level 4	IC 460-79647/5	gcf45470.d
Level 5	IC 460-79647/6	gcf45471.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	4557631	23906082	31474415	91039831	237080049	82.3	412	823	2058	4116
Chlorobenzene	Ave	11045	65903	131005	301001	715962	0.250	1.25	2.50	6.25	12.5
o-Terphenyl	Ave	17296	81784	168502	376533	916705	0.250	1.25	2.50	6.25	12.5

Curve Type Legend:
Ave = Average

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 85943

SDG No.:

Instrument ID: BNAGC1 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2011 08:27 Calibration End Date: 09/13/2011 09:34 Calibration ID: 12254

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-85943/5	gcf47087.d
Level 2	IC 460-85943/6	gcf47088.d
Level 3	IC 460-85943/7	gcf47089.d
Level 4	IC 460-85943/8	gcf47090.d
Level 5	IC 460-85943/9	gcf47091.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
Total Petroleum Hydrocarbons (C8-C40)	1.190	2.380	2.385	1.190	1.190						0.000 - 31.190	1.667
Chlorobenzene	0.692	0.691	0.691	0.692	0.691						0.591 - 0.791	0.691
o-Terphenyl	3.434	3.435	3.437	3.436	3.437						3.337 - 3.537	3.436

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-30837-1 Analy Batch No.: 85943

SDG No.:

Instrument ID: BNAGC1 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2011 08:27 Calibration End Date: 09/13/2011 09:34 Calibration ID: 12254

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-85943/5	gcf47087.d
Level 2	IC 460-85943/6	gcf47088.d
Level 3	IC 460-85943/7	gcf47089.d
Level 4	IC 460-85943/8	gcf47090.d
Level 5	IC 460-85943/9	gcf47091.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)	41526 63541	47069	47972	53455	Ave		50712.4406				16.4		20.0			
Chlorobenzene	51672 55350	56118	52152	50512	Ave		53160.9120				4.6		20.0			
o-Terphenyl	58684 71308	67596	65638	64445	Ave		65534.2560				7.1		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.: 460-30837-1 Analy Batch No.: 85943

SDG No.:

Instrument ID: BNAGC1 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2011 08:27 Calibration End Date: 09/13/2011 09:34 Calibration ID: 12254

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-85943/5	gcf47087.d
Level 2	IC 460-85943/6	gcf47088.d
Level 3	IC 460-85943/7	gcf47089.d
Level 4	IC 460-85943/8	gcf47090.d
Level 5	IC 460-85943/9	gcf47091.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	3418411	19373543	39490268	110009685	261535337	82.3	412	823	2058	4116
Chlorobenzene	Ave	12918	70148	130379	315702	691878	0.250	1.25	2.50	6.25	12.5
o-Terphenyl	Ave	14671	84495	164094	402783	891355	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.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86248/15 Calibration Date: 09/14/2011 01:23

Instrument ID: BNAGC1 Calib Start Date: 09/13/2011 08:27

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/13/2011 09:34

Lab File ID: gcf47152.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	50712	58196		2360	2060	14.8	15.0
Chlorobenzene	Ave	53161	52571		6.18	6.25	-1.1	15.0
o-Terphenyl	Ave	65534	68750		6.56	6.25	4.9	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86248/15 Calibration Date: 09/14/2011 01:23

Instrument ID: BNAGC1 Calib Start Date: 09/13/2011 08:27

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/13/2011 09:34

Lab File ID: gcf47152.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	3.58	0.00	31.19
Chlorobenzene	0.69	0.59	0.79
o-Terphenyl	3.44	3.33	3.53

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86248/30 Calibration Date: 09/14/2011 05:00

Instrument ID: BNAGC1 Calib Start Date: 09/13/2011 08:27

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/13/2011 09:34

Lab File ID: gcf47167.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	50712	55476		2250	2060	9.4	15.0
Chlorobenzene	Ave	53161	52560		6.18	6.25	-1.1	15.0
o-Terphenyl	Ave	65534	65832		6.28	6.25	0.5	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86248/30 Calibration Date: 09/14/2011 05:00

Instrument ID: BNAGC1 Calib Start Date: 09/13/2011 08:27

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/13/2011 09:34

Lab File ID: gcf47167.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	2.82	0.00	31.19
Chlorobenzene	0.69	0.59	0.79
o-Terphenyl	3.43	3.33	3.53

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86238/5 Calibration Date: 09/15/2011 03:42

Instrument ID: BNAGC1 Calib Start Date: 07/12/2011 17:09

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 07/12/2011 19:02

Lab File ID: gcf47229.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	50703	56233		2280	2060	10.9	15.0
Chlorobenzene	Ave	50948	50058		5.89	6.25	-1.7	15.0
o-Terphenyl	Ave	67119	62512		5.96	6.25	-6.9	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86238/5 Calibration Date: 09/15/2011 03:42

Instrument ID: BNAGC1 Calib Start Date: 07/12/2011 17:09

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 07/12/2011 19:02

Lab File ID: gcf47229.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	3.21	0.00	32.37
Chlorobenzene	0.68	0.58	0.78
o-Terphenyl	3.43	3.33	3.53

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86238/16 Calibration Date: 09/15/2011 06:22

Instrument ID: BNAGC1 Calib Start Date: 07/12/2011 17:09

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 07/12/2011 19:02

Lab File ID: gcf47240.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	50703	61072		2480	2060	20.4*	15.0
Chlorobenzene	Ave	50948	51498		6.05	6.25	1.1	15.0
o-Terphenyl	Ave	67119	64930		6.19	6.25	-3.3	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86238/16 Calibration Date: 09/15/2011 06:22

Instrument ID: BNAGC1 Calib Start Date: 07/12/2011 17:09

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 07/12/2011 19:02

Lab File ID: gcf47240.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	2.37	0.00	32.37
Chlorobenzene	0.68	0.58	0.78
o-Terphenyl	3.43	3.33	3.53

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86238/25 Calibration Date: 09/15/2011 08:26

Instrument ID: BNAGC1 Calib Start Date: 07/12/2011 17:09

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 07/12/2011 19:02

Lab File ID: gcf47249.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	50703	60522		2460	2060	19.4*	15.0
Chlorobenzene	Ave	50948	51096		6.01	6.25	0.3	15.0
o-Terphenyl	Ave	67119	64313		6.13	6.25	-4.2	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86238/25 Calibration Date: 09/15/2011 08:26

Instrument ID: BNAGC1 Calib Start Date: 07/12/2011 17:09

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 07/12/2011 19:02

Lab File ID: gcf47249.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	2.82	0.00	32.37
Chlorobenzene	0.68	0.58	0.78
o-Terphenyl	3.43	3.33	3.53

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86242/8 Calibration Date: 09/15/2011 17:12

Instrument ID: BNAGC1 Calib Start Date: 09/13/2011 08:27

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/13/2011 09:34

Lab File ID: gcf47285.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	50712	57797		2350	2060	14.0	15.0
Chlorobenzene	Ave	53161	52092		6.12	6.25	-2.0	15.0
o-Terphenyl	Ave	65534	66824		6.37	6.25	2.0	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86242/8 Calibration Date: 09/15/2011 17:12

Instrument ID: BNAGC1 Calib Start Date: 09/13/2011 08:27

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/13/2011 09:34

Lab File ID: gcf47285.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	3.21	0.00	33.21
Chlorobenzene	0.68	0.58	0.78
o-Terphenyl	3.43	3.32	3.52

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86242/19 Calibration Date: 09/15/2011 19:55

Instrument ID: BNAGC1 Calib Start Date: 09/13/2011 08:27

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/13/2011 09:34

Lab File ID: gcf47296.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	50712	57066		2320	2060	12.5	15.0
Chlorobenzene	Ave	53161	53278		6.26	6.25	0.2	15.0
o-Terphenyl	Ave	65534	65130		6.21	6.25	-0.6	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86242/19 Calibration Date: 09/15/2011 19:55

Instrument ID: BNAGC1 Calib Start Date: 09/13/2011 08:27

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/13/2011 09:34

Lab File ID: gcf47296.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	2.82	0.00	33.21
Chlorobenzene	0.68	0.58	0.78
o-Terphenyl	3.42	3.32	3.52

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86242/28 Calibration Date: 09/15/2011 22:00

Instrument ID: BNAGC1 Calib Start Date: 09/13/2011 08:27

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/13/2011 09:34

Lab File ID: gcf47305.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	50712	56725		2300	2060	11.9	15.0
Chlorobenzene	Ave	53161	50810		5.97	6.25	-4.4	15.0
o-Terphenyl	Ave	65534	63869		6.09	6.25	-2.5	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86242/28 Calibration Date: 09/15/2011 22:00

Instrument ID: BNAGC1 Calib Start Date: 09/13/2011 08:27

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/13/2011 09:34

Lab File ID: gcf47305.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	3.21	0.00	33.21
Chlorobenzene	0.68	0.58	0.78
o-Terphenyl	3.42	3.32	3.52

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86259/2 Calibration Date: 09/16/2011 01:22

Instrument ID: BNAGC1 Calib Start Date: 09/13/2011 08:27

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/13/2011 09:34

Lab File ID: gcf47318.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	50712	53605		2180	2060	5.7	15.0
Chlorobenzene	Ave	53161	47984		5.64	6.25	-9.7	15.0
o-Terphenyl	Ave	65534	61883		5.90	6.25	-5.6	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86259/2 Calibration Date: 09/16/2011 01:22

Instrument ID: BNAGC1 Calib Start Date: 09/13/2011 08:27

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/13/2011 09:34

Lab File ID: gcf47318.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	3.21	0.00	33.21
Chlorobenzene	0.68	0.58	0.78
o-Terphenyl	3.42	3.32	3.52

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86259/8 Calibration Date: 09/16/2011 04:41

Instrument ID: BNAGC1 Calib Start Date: 09/13/2011 08:27

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/13/2011 09:34

Lab File ID: gcf47324.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	50712	54023		2190	2060	6.5	15.0
Chlorobenzene	Ave	53161	49350		5.80	6.25	-7.2	15.0
o-Terphenyl	Ave	65534	61925		5.91	6.25	-5.5	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86259/8 Calibration Date: 09/16/2011 04:41

Instrument ID: BNAGC1 Calib Start Date: 09/13/2011 08:27

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/13/2011 09:34

Lab File ID: gcf47324.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	1.18	0.00	31.18
Chlorobenzene	0.69	0.59	0.79
o-Terphenyl	3.42	3.32	3.52

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86370/5 Calibration Date: 09/16/2011 06:03

Instrument ID: BNAGC1 Calib Start Date: 09/13/2011 08:27

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/13/2011 09:34

Lab File ID: gcf47329.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	50712	54048		2190	2060	6.6	15.0
Chlorobenzene	Ave	53161	48033		5.65	6.25	-9.6	15.0
o-Terphenyl	Ave	65534	64652		6.17	6.25	-1.3	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86370/5 Calibration Date: 09/16/2011 06:03

Instrument ID: BNAGC1 Calib Start Date: 09/13/2011 08:27

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/13/2011 09:34

Lab File ID: gcf47329.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	2.82	0.00	32.37
Chlorobenzene	0.68	0.58	0.78
o-Terphenyl	3.42	3.32	3.52

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86370/15 Calibration Date: 09/16/2011 08:36

Instrument ID: BNAGC1 Calib Start Date: 09/13/2011 08:27

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/13/2011 09:34

Lab File ID: gcf47339.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	50712	55554		2250	2060	9.5	15.0
Chlorobenzene	Ave	53161	50265		5.91	6.25	-5.4	15.0
o-Terphenyl	Ave	65534	65465		6.24	6.25	-0.1	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86370/15 Calibration Date: 09/16/2011 08:36

Instrument ID: BNAGC1 Calib Start Date: 09/13/2011 08:27

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/13/2011 09:34

Lab File ID: gcf47339.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	2.81	0.00	32.37
Chlorobenzene	0.68	0.58	0.78
o-Terphenyl	3.42	3.32	3.52

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86370/28 Calibration Date: 09/16/2011 11:46

Instrument ID: BNAGC1 Calib Start Date: 09/13/2011 08:27

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/13/2011 09:34

Lab File ID: gcf47352.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	50712	56457		2290	2060	11.3	15.0
Chlorobenzene	Ave	53161	51051		6.00	6.25	-4.0	15.0
o-Terphenyl	Ave	65534	65578		6.25	6.25	0.0	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86370/28 Calibration Date: 09/16/2011 11:46

Instrument ID: BNAGC1 Calib Start Date: 09/13/2011 08:27

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/13/2011 09:34

Lab File ID: gcf47352.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	2.37	0.00	32.37
Chlorobenzene	0.68	0.58	0.78
o-Terphenyl	3.42	3.32	3.52

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86370/42 Calibration Date: 09/16/2011 15:05

Instrument ID: BNAGC1 Calib Start Date: 09/13/2011 08:27

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/13/2011 09:34

Lab File ID: gcf47366.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	50712	57182		2320	2060	12.8	15.0
Chlorobenzene	Ave	53161	51615		6.07	6.25	-2.9	15.0
o-Terphenyl	Ave	65534	67206		6.41	6.25	2.6	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86454/3 Calibration Date: 09/16/2011 15:05

Instrument ID: BNAGC1 Calib Start Date: 09/13/2011 08:27

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/13/2011 09:34

Lab File ID: gcf47366.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	50712	57182		2320	2060	12.8	15.0
Chlorobenzene	Ave	53161	51615		6.07	6.25	-2.9	15.0
o-Terphenyl	Ave	65534	67206		6.41	6.25	2.6	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86370/42 Calibration Date: 09/16/2011 15:05

Instrument ID: BNAGC1 Calib Start Date: 09/13/2011 08:27

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/13/2011 09:34

Lab File ID: gcf47366.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	2.37	0.00	32.37
Chlorobenzene	0.68	0.58	0.78
o-Terphenyl	3.42	3.32	3.52

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86454/3 Calibration Date: 09/16/2011 15:05

Instrument ID: BNAGC1 Calib Start Date: 09/13/2011 08:27

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/13/2011 09:34

Lab File ID: gcf47366.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	2.37	0.00	32.37
Chlorobenzene	0.68	0.58	0.78
o-Terphenyl	3.42	3.32	3.52

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86454/13 Calibration Date: 09/16/2011 17:29

Instrument ID: BNAGC1 Calib Start Date: 09/13/2011 08:27

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/13/2011 09:34

Lab File ID: gcf47376.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	50712	54705		2220	2060	7.9	15.0
Chlorobenzene	Ave	53161	51237		6.02	6.25	-3.6	15.0
o-Terphenyl	Ave	65534	62254		5.94	6.25	-5.0	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86454/13 Calibration Date: 09/16/2011 17:29

Instrument ID: BNAGC1 Calib Start Date: 09/13/2011 08:27

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/13/2011 09:34

Lab File ID: gcf47376.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	3.21	0.00	32.37
Chlorobenzene	0.68	0.58	0.78
o-Terphenyl	3.42	3.32	3.52

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86454/23 Calibration Date: 09/16/2011 19:51

Instrument ID: BNAGC1 Calib Start Date: 09/13/2011 08:27

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/13/2011 09:34

Lab File ID: gcf47386.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	50712	56085		2280	2060	10.6	15.0
Chlorobenzene	Ave	53161	48811		5.74	6.25	-8.2	15.0
o-Terphenyl	Ave	65534	61324		5.85	6.25	-6.4	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Lab Sample ID: CCV 460-86454/23 Calibration Date: 09/16/2011 19:51

Instrument ID: BNAGC1 Calib Start Date: 09/13/2011 08:27

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/13/2011 09:34

Lab File ID: gcf47386.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	2.37	0.00	32.37
Chlorobenzene	0.68	0.58	0.78
o-Terphenyl	3.42	3.32	3.52

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-85857/1-A

Matrix: Water Lab File ID: gcf47319.d

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3510C Date Extracted: 09/13/2011 07:31

Sample wt/vol: 1000(mL) Date Analyzed: 09/16/2011 03:27

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.: 86259 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	84		50-109
108-90-7	Chlorobenzene	60		36-104

Data File: gcf47319.d
Report Date: 16-Sep-2011 04:57

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-15-11/15sep11d.b/gcf47319.d
Lab Smp Id: MB 460-85857/1-A
Inj Date : 16-SEP-2011 03:27
Operator : BNAGC1   Inst ID: BNAGC1.i
Smp Info : MB 460-85857/1-A
Misc Info :
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-15-11/15sep11d.b/QAM2009r.m
Meth Date : 16-Sep-2011 04:56 diazc   Quant Type: ESTD
Cal Date : 13-SEP-2011 09:34   Cal File: gcf47091.d
Als bottle: 73
Dil Factor: 1.00000
Integrator: HP Genie   Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

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)	3.421	3.496	-0.075	1096990	16.7392	1.1(M)
$ 2 Chlorobenzene (sur)	0.692	0.683	0.009	632991	11.9071	0.79(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

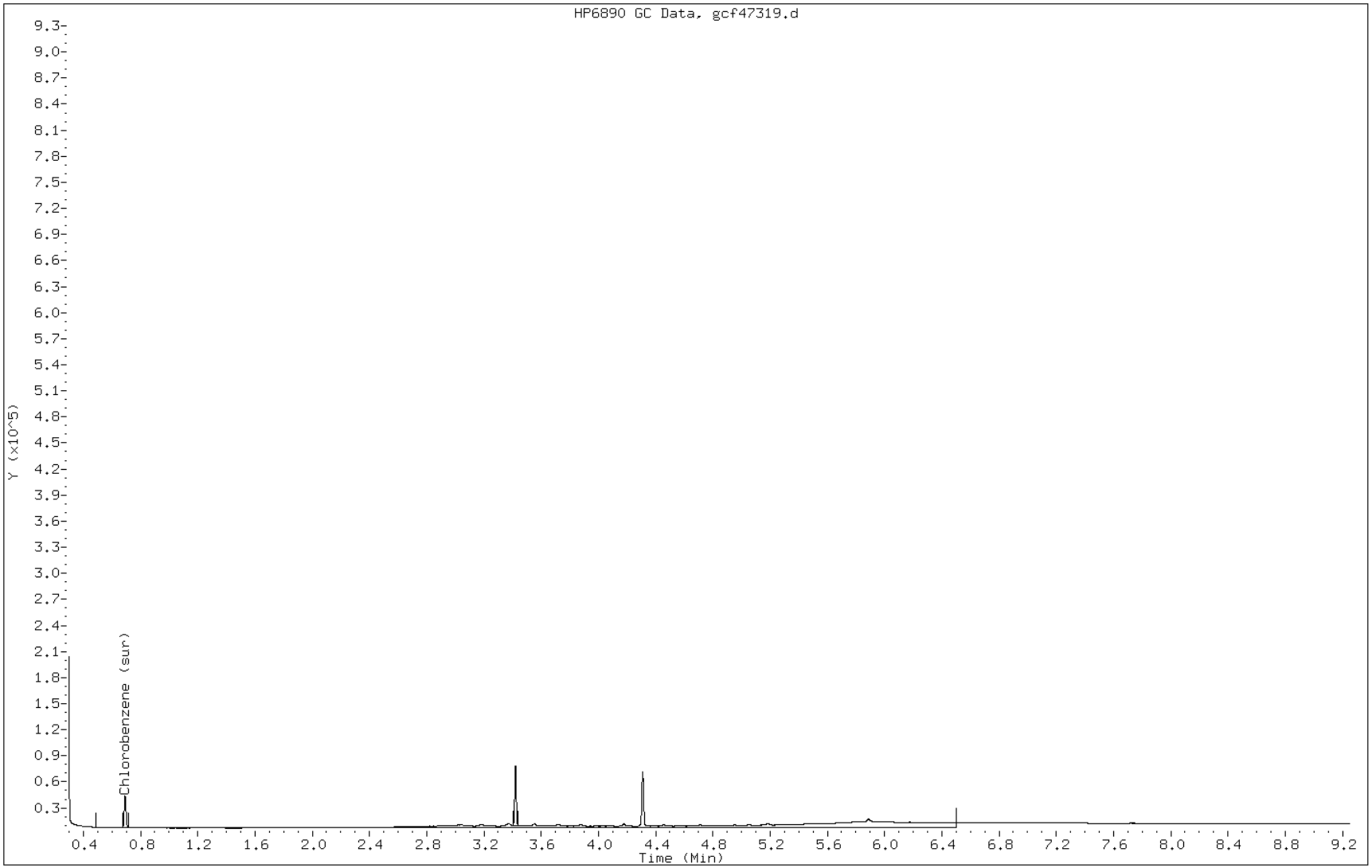
M - Compound response manually integrated.

Data File: gcf47319.d

Date: 16-SEP-2011 03:27

Client ID: Instrument: BNAGC1.i

Sample Info: MB 460-85857/1-A Operator: BNAGC1



Manual Integration Report

Data File: gcf47319.d
Inj. Date and Time: 16-SEP-2011 03:27
Instrument ID: BNAGC1.i
Client ID:
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/16/2011

Processing Integration Results

Not Detected

Expected RT: 3.42

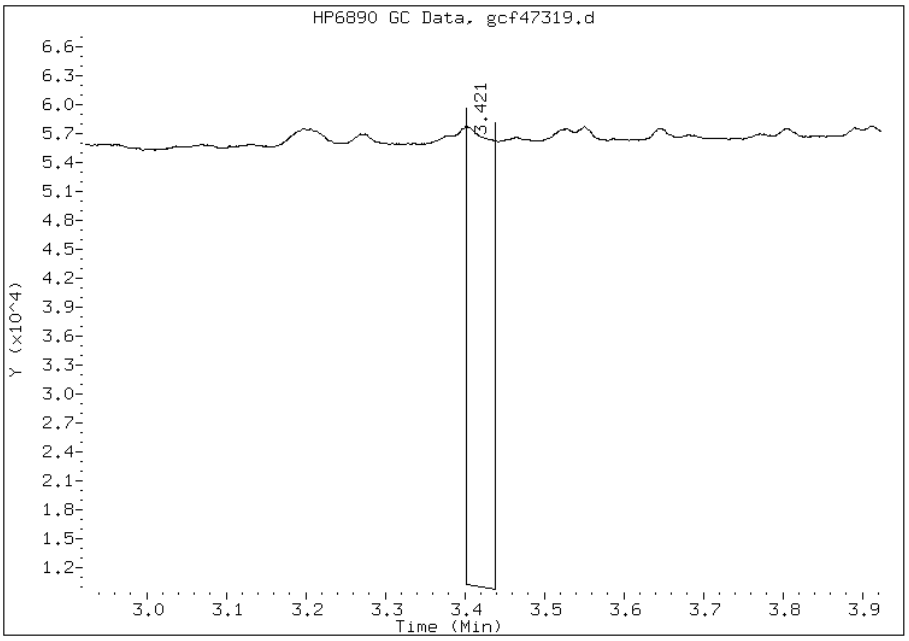
Manual Integration Results

RT: 3.42

Response: 1096990

Amount: 16.74

Conc: 1.12



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf47319.d
Inj. Date and Time: 16-SEP-2011 03:27
Instrument ID: BNAGC1.i
Client ID:
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/16/2011

Processing Integration Results

Not Detected

Expected RT: 0.69

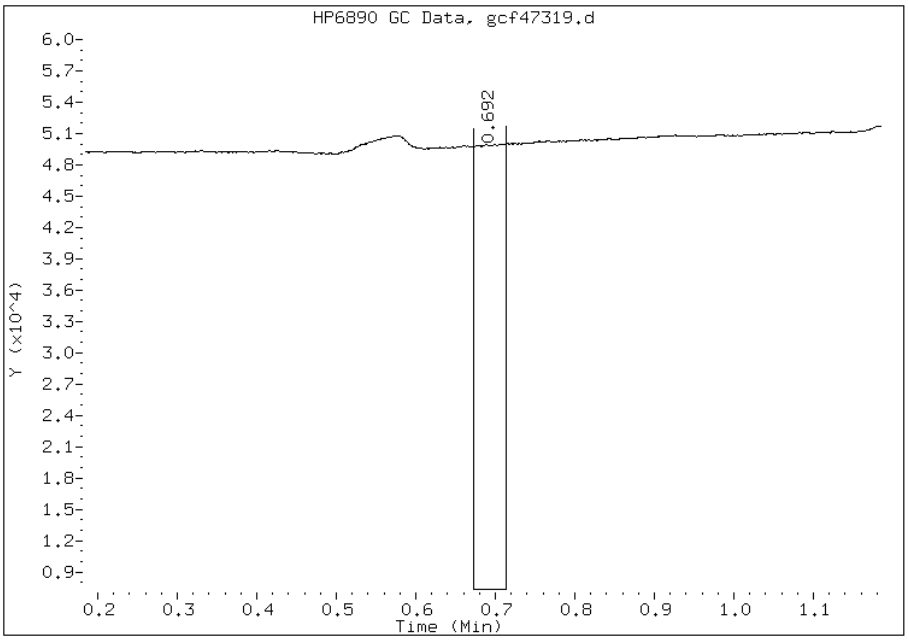
Manual Integration Results

RT: 0.69

Response: 632991

Amount: 11.91

Conc: 0.79



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-85887/1-A

Matrix: Solid Lab File ID: gcf47165.d

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3546 Date Extracted: 09/13/2011 10:30

Sample wt/vol: 15.00(g) Date Analyzed: 09/14/2011 04:33

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.: 86248 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	93		48-112
108-90-7	Chlorobenzene	75		32-106

Data File: gcf47165.d
Report Date: 16-Sep-2011 01:32

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-12-11ical/12sep11c.b/gcf47165.d
Lab Smp Id: MB 460-85887/1-A
Inj Date : 14-SEP-2011 04:33
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : MB 460-85887/1-A
Misc Info :
Comment :
Method : /chem/BNAGC1.i/QAM2010/front/09-12-11ical/12sep11c.b/QAM2009r.m
Meth Date : 15-Sep-2011 01:42 diazc Quant Type: ESTD
Cal Date : 13-SEP-2011 09:34 Cal File: gcf47091.d
Als bottle: 49
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

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)	3.432	3.432	0.000	1224047	18.6780	1.2(M)
$ 2 Chlorobenzene (sur)	0.691	0.689	0.002	797394	14.9996	1.00(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

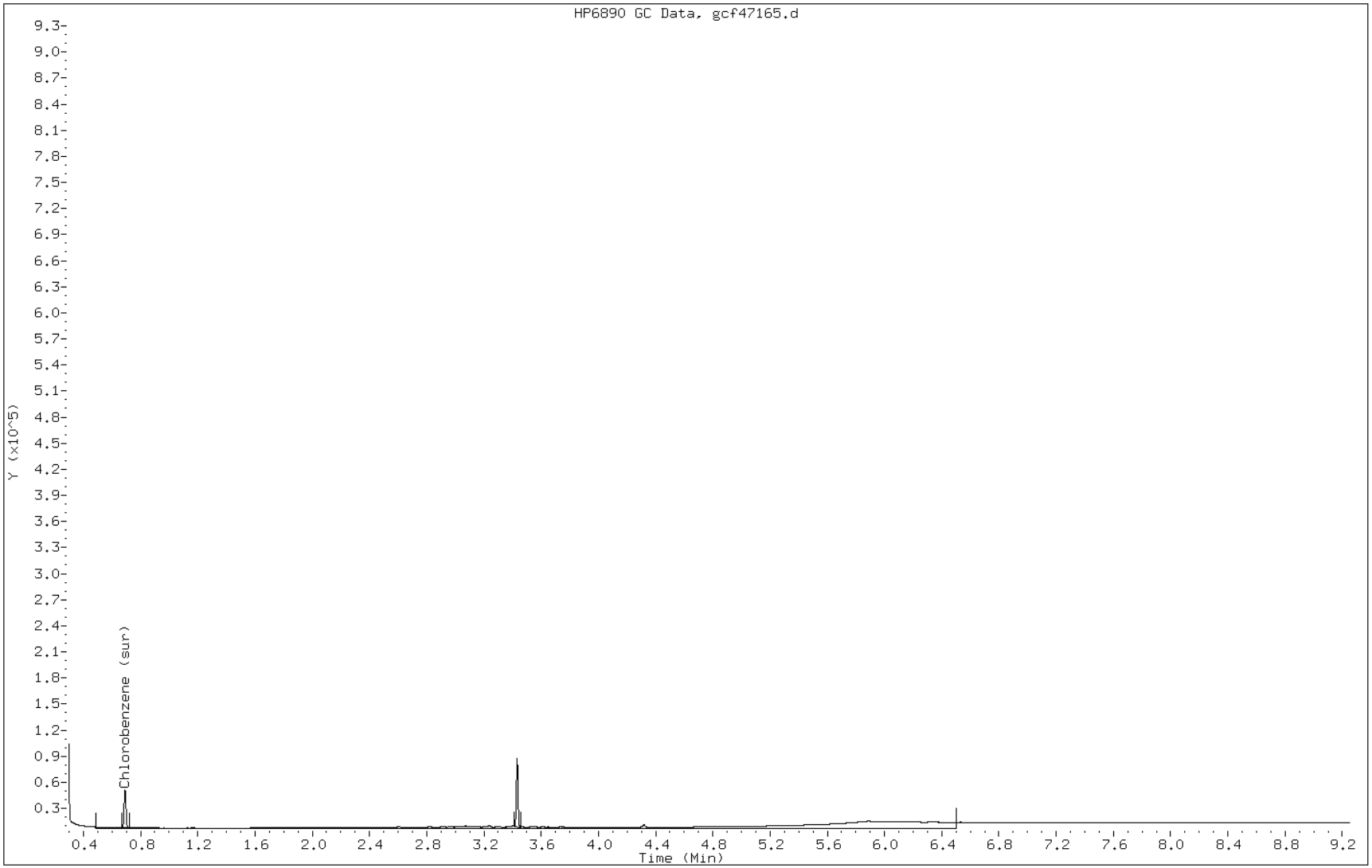
M - Compound response manually integrated.

Data File: gcf47165.d

Date: 14-SEP-2011 04:33

Client ID: Instrument: BNAGC1.i

Sample Info: MB 460-85887/1-A Operator: BNAGC1



Manual Integration Report

Data File: gcf47165.d
Inj. Date and Time: 14-SEP-2011 04:33
Instrument ID: BNAGC1.i
Client ID:
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/16/2011

Processing Integration Results

Not Detected

Expected RT: 3.43

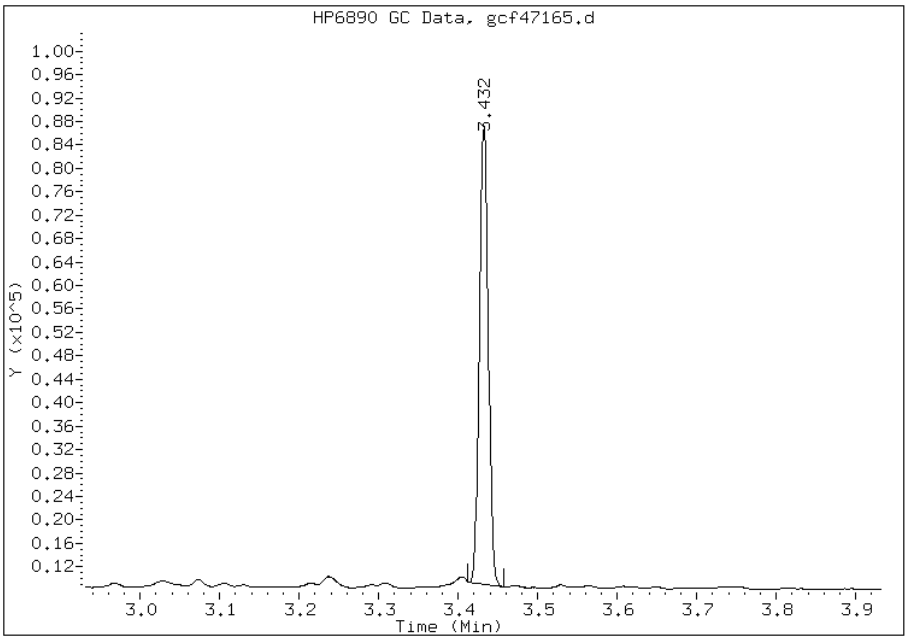
Manual Integration Results

RT: 3.43

Response: 1224047

Amount: 18.68

Conc: 1.25



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf47165.d
Inj. Date and Time: 14-SEP-2011 04:33
Instrument ID: BNAGC1.i
Client ID:
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/16/2011

Processing Integration Results

Not Detected

Expected RT: 0.69

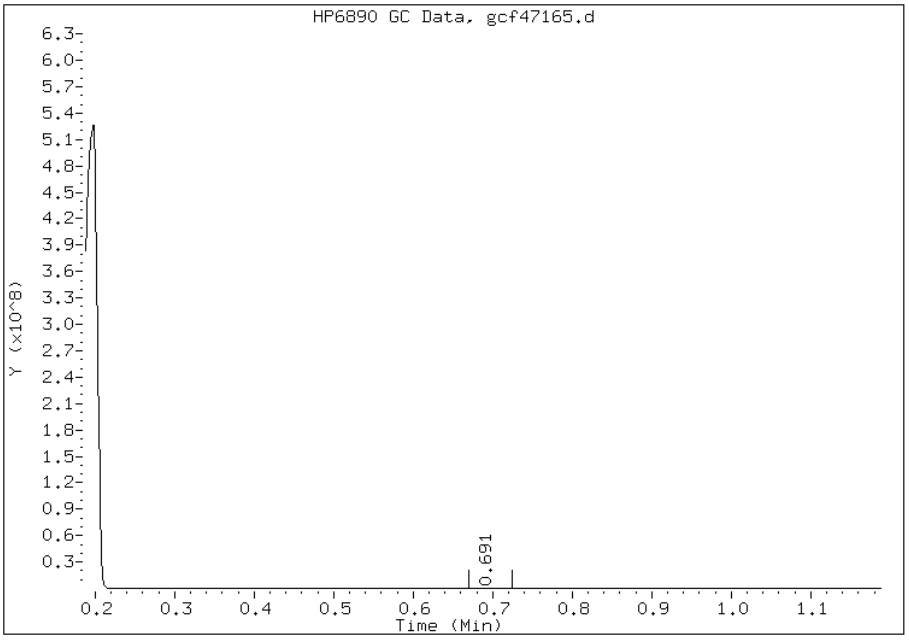
Manual Integration Results

RT: 0.69

Response: 797394

Amount: 15.00

Conc: 1.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-85949/1-A

Matrix: Solid Lab File ID: gcf47230.d

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3546 Date Extracted: 09/13/2011 21:17

Sample wt/vol: 15.00(g) Date Analyzed: 09/15/2011 03:56

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.: 86238 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	70		48-112
108-90-7	Chlorobenzene	59		32-106

Data File: gcf47230.d
Report Date: 15-Sep-2011 16:12

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-15-11/15sep11a.b/gcf47230.d
Lab Smp Id: MB 460-85949/1-A
Inj Date : 15-SEP-2011 03:56
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : MB 460-85949/1-A
Misc Info :
Comment :
Method : /chem/BNAGC1.i/QAM2010/front/09-15-11/15sep11a.b/QAM2009r.m
Meth Date : 15-Sep-2011 15:54 nimerd Quant Type: ESTD
Cal Date : 13-SEP-2011 09:34 Cal File: gcf47091.d
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

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)	3.425	3.497	-0.072	911686	13.9116	0.93(M)
$ 2 Chlorobenzene (sur)	0.683	0.684	-0.001	628559	11.8237	0.79(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

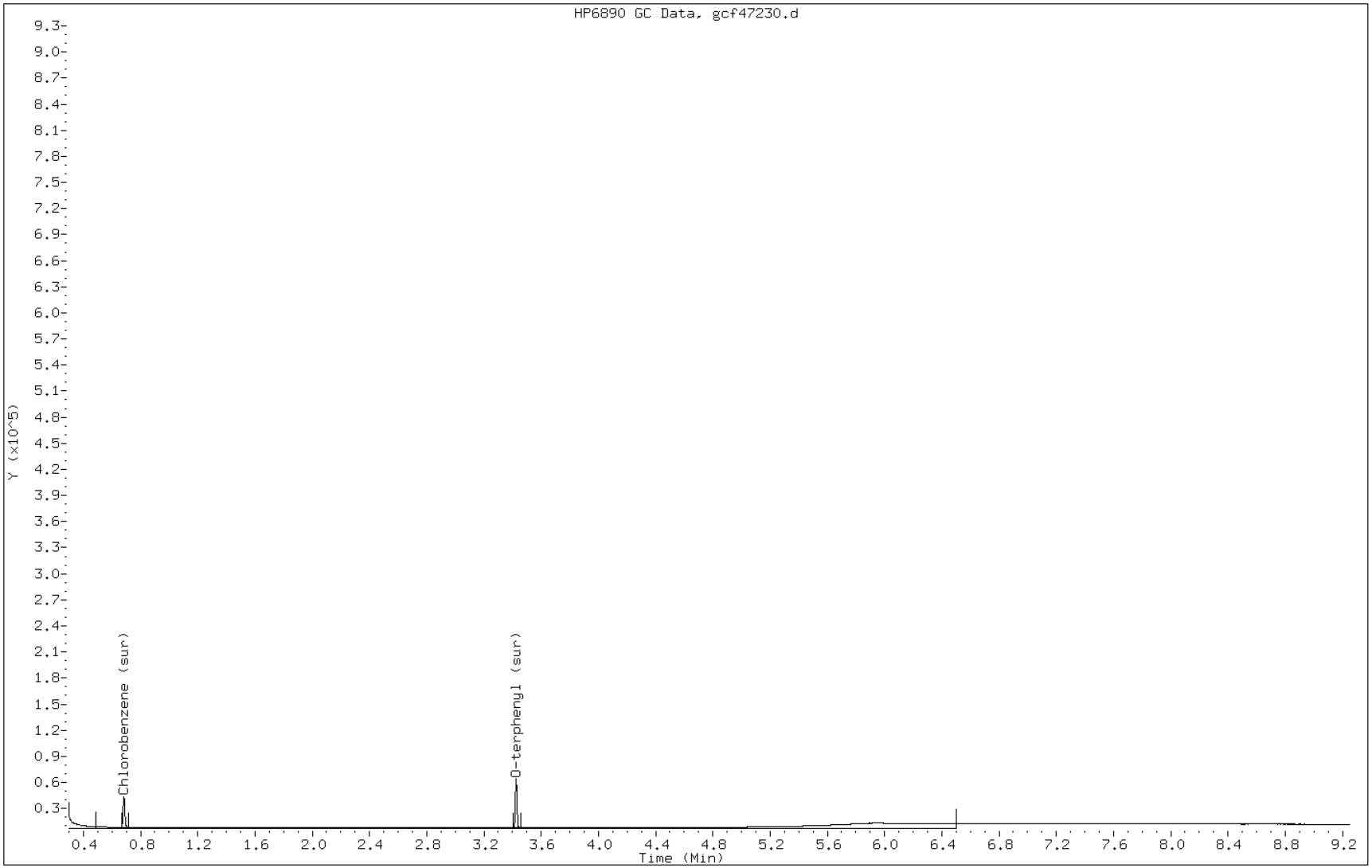
M - Compound response manually integrated.

Data File: gcf47230.d

Date: 15-SEP-2011 03:56

Client ID: Instrument: BNAGC1.i

Sample Info: MB 460-85949/1-A Operator: BNAGC1



Manual Integration Report

Data File: gcf47230.d
Inj. Date and Time: 15-SEP-2011 03:56
Instrument ID: BNAGC1.i
Client ID:
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/15/2011

Processing Integration Results

Not Detected

Expected RT: 3.42

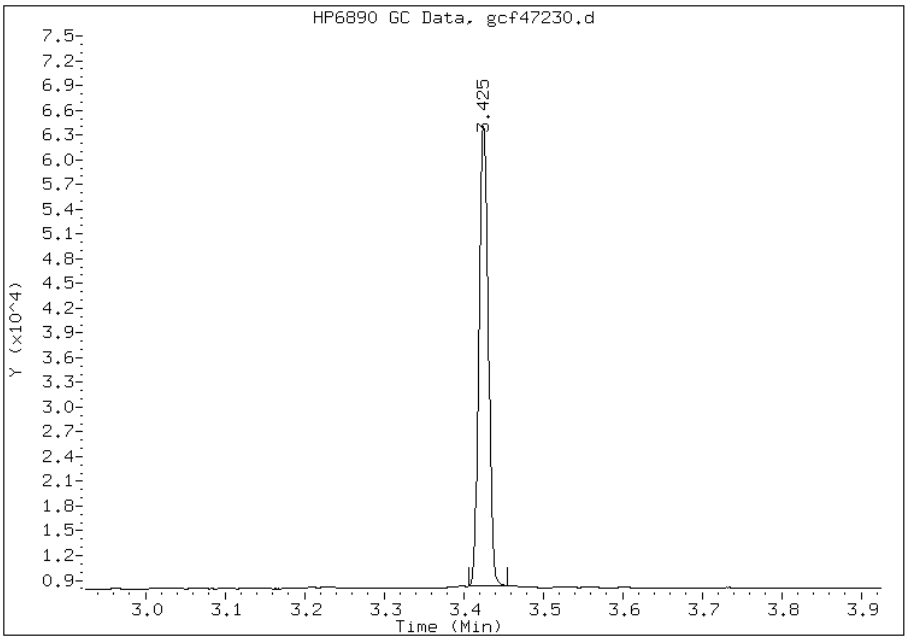
Manual Integration Results

RT: 3.42

Response: 911686

Amount: 13.91

Conc: 0.93



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf47230.d
Inj. Date and Time: 15-SEP-2011 03:56
Instrument ID: BNAGC1.i
Client ID:
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/15/2011

Processing Integration Results

Not Detected

Expected RT: 0.68

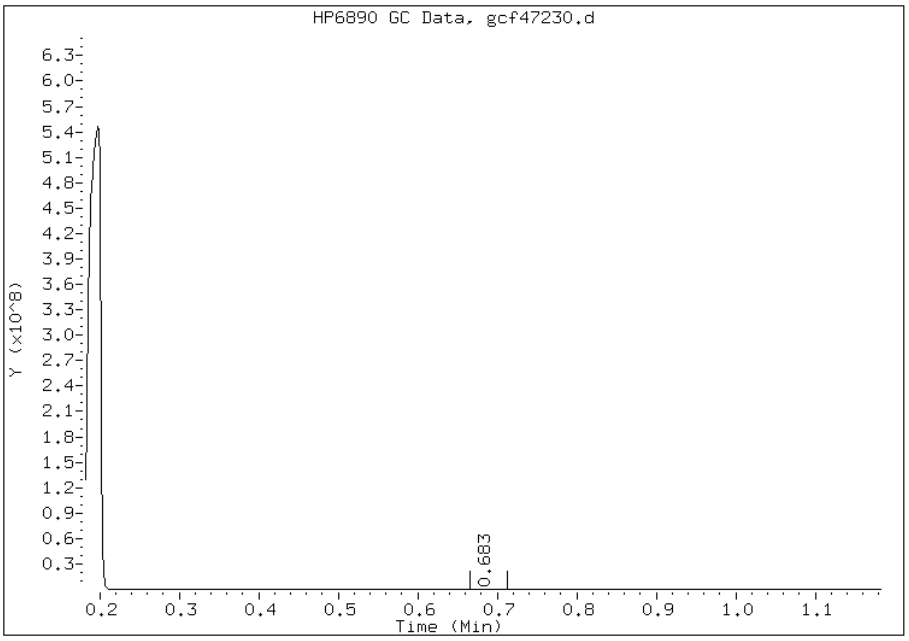
Manual Integration Results

RT: 0.68

Response: 628559

Amount: 11.82

Conc: 0.79



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-85857/2-A

Matrix: Water Lab File ID: gcf47320.d

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3510C Date Extracted: 09/13/2011 07:31

Sample wt/vol: 1000(mL) Date Analyzed: 09/16/2011 03:37

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.: 86259 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	1.73		0.082	0.082

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	75		50-109
108-90-7	Chlorobenzene	58		36-104

Data File: gcf47320.d
Report Date: 16-Sep-2011 05:10

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-15-11/15sep11d.b/gcf47320.d
Lab Smp Id: LCS 460-85857/2-a
Inj Date : 16-SEP-2011 03:37
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : LCS 460-85857/2-a
Misc Info :
Comment :
Method : /chem/BNAGC1.i/QAM2010/front/09-15-11/15sep11d.b/QAM2009r.m
Meth Date : 16-Sep-2011 04:56 diazc Quant Type: ESTD
Cal Date : 13-SEP-2011 09:34 Cal File: gcf47091.d
Als bottle: 74
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

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)	3.424	3.496	-0.072	988605	15.0853	1.0(M)
$ 2 Chlorobenzene (sur)	0.683	0.683	0.000	620212	11.6667	0.78(M)
3 TPH	2.599	0.193	2.406	87512109	1725.65	115(M)

QC Flag Legend

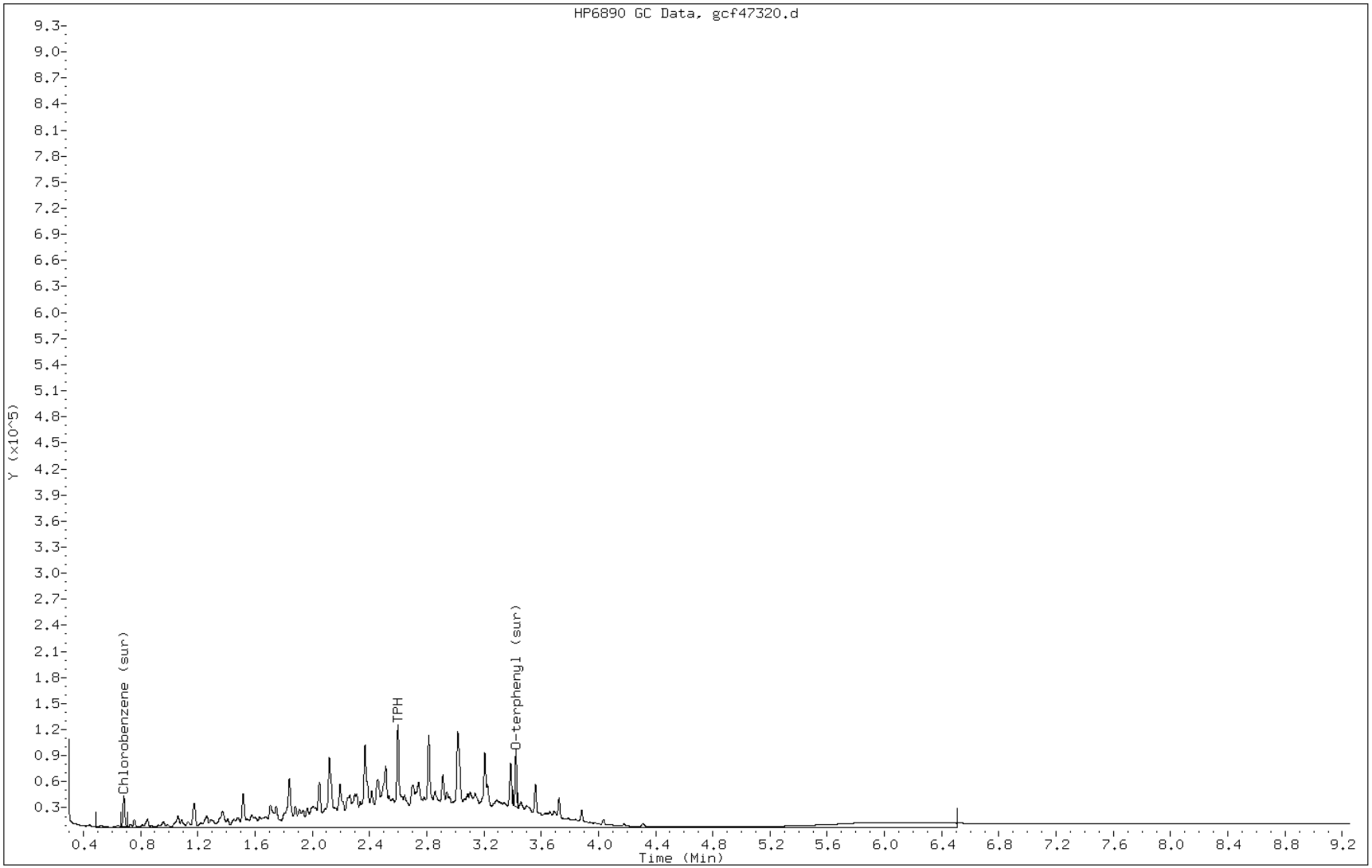
M - Compound response manually integrated.

Data File: gcf47320.d

Date: 16-SEP-2011 03:37

Client ID: Instrument: BNAGC1.i

Sample Info: LCS 460-85857/2-a Operator: BNAGC1



Manual Integration Report

Data File: gcf47320.d
Inj. Date and Time: 16-SEP-2011 03:37
Instrument ID: BNAGC1.i
Client ID:
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/16/2011

Processing Integration Results

Not Detected

Expected RT: 3.42

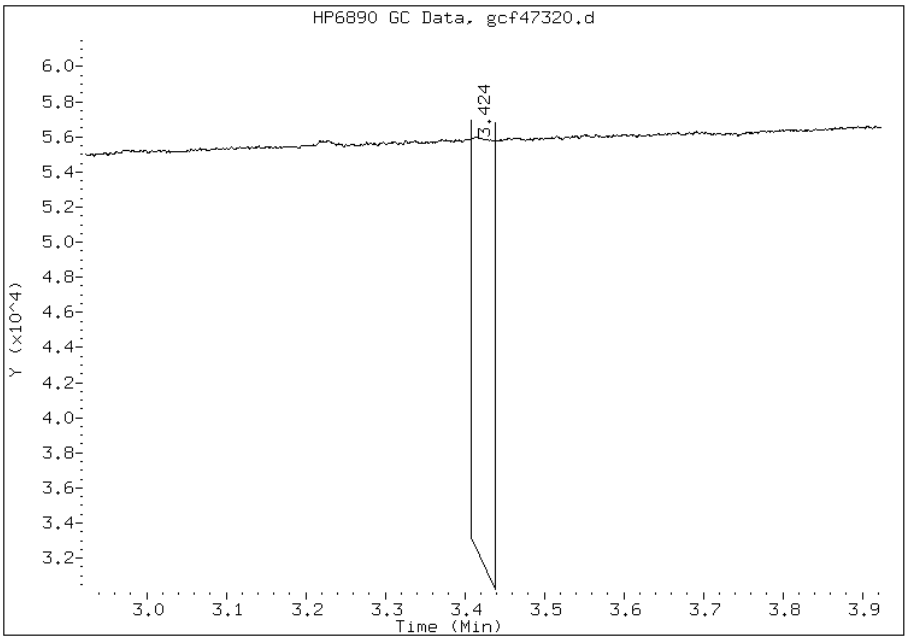
Manual Integration Results

RT: 3.42

Response: 988605

Amount: 15.09

Conc: 1.01



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf47320.d
Inj. Date and Time: 16-SEP-2011 03:37
Instrument ID: BNAGC1.i
Client ID:
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/16/2011

Processing Integration Results

Not Detected

Expected RT: 0.69

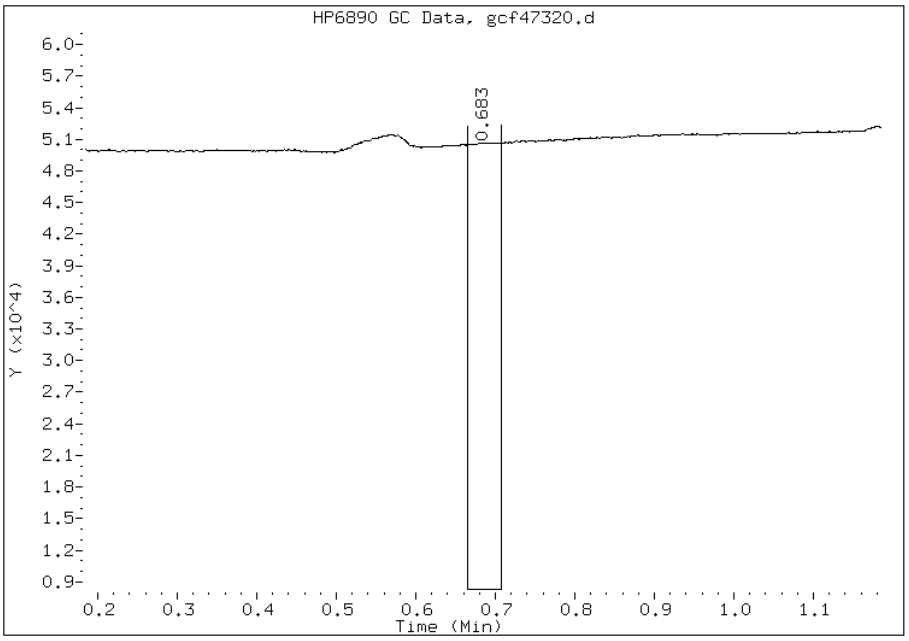
Manual Integration Results

RT: 0.68

Response: 620212

Amount: 11.67

Conc: 0.78



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-85887/2-A

Matrix: Solid Lab File ID: gcf47372.d

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3546 Date Extracted: 09/13/2011 10:30

Sample wt/vol: 15.00(g) Date Analyzed: 09/16/2011 16:19

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.: 86454 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	113		5.5	5.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	70		48-112
108-90-7	Chlorobenzene	60		32-106

Data File: gcf47372.d
Report Date: 18-Sep-2011 22:21

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-16-11/16sep11b.b/gcf47372.d
Lab Smp Id: LCS 460-85887/2-a
Inj Date : 16-SEP-2011 16:19
Operator : BNAGC1   Inst ID: BNAGC1.i
Smp Info : LCS 460-85887/2-a
Misc Info :
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-16-11/16sep11b.b/QAM2009r.m
Meth Date : 18-Sep-2011 22:20 diazc   Quant Type: ESTD
Cal Date : 13-SEP-2011 09:34   Cal File: gcf47091.d
Als bottle: 50
Dil Factor: 1.00000
Integrator: HP Genie   Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

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)	3.422	3.422	0.000	914784	13.9589	0.93(M)
$ 2 Chlorobenzene (sur)	0.682	0.682	0.000	642653	12.0888	0.80(M)
3 TPH	2.600	2.370	0.230	85950532	1694.86	113(M)

QC Flag Legend

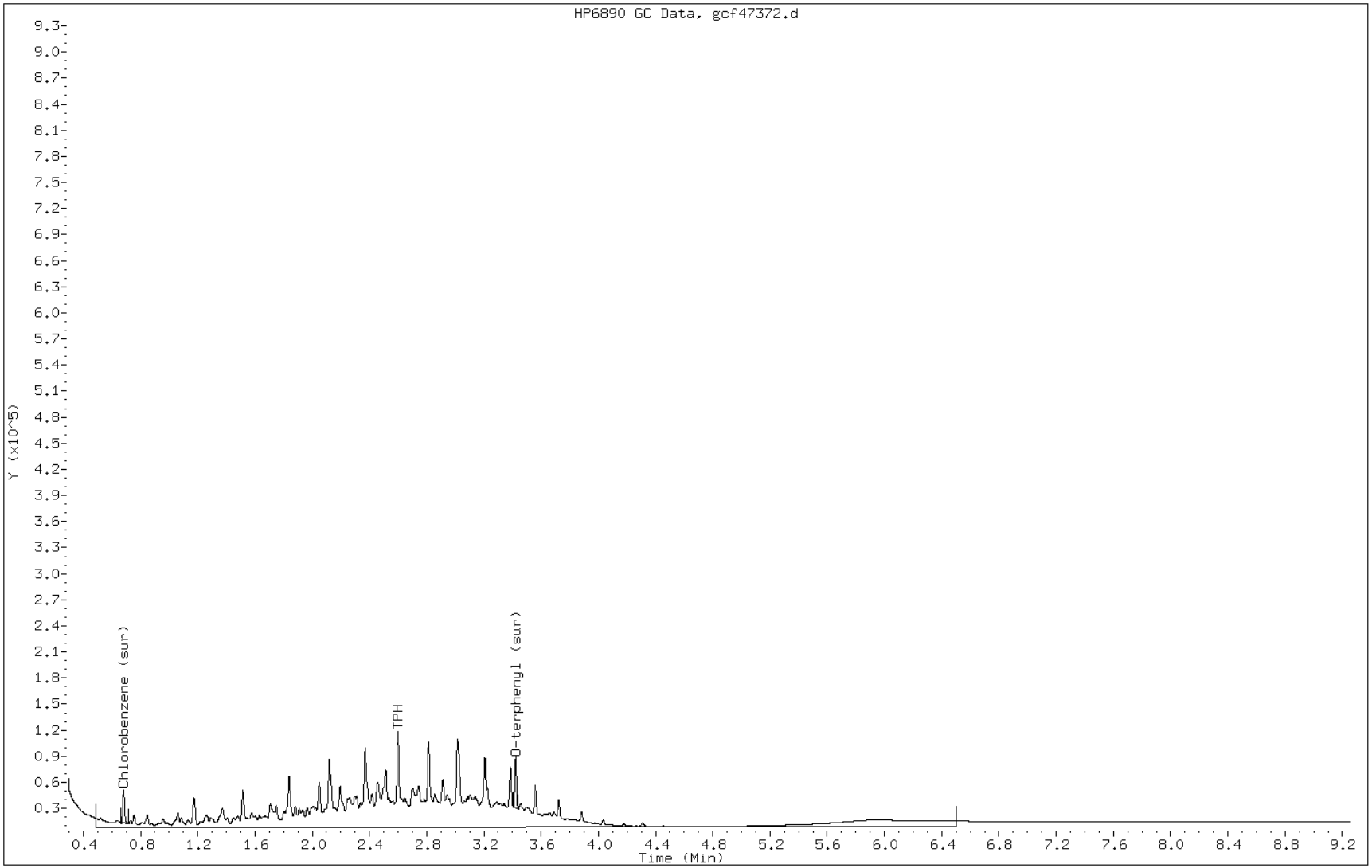
M - Compound response manually integrated.

Data File: gcf47372.d

Date: 16-SEP-2011 16:19

Client ID: Instrument: BNAGC1.i

Sample Info: LCS 460-85887/2-a Operator: BNAGC1



Manual Integration Report

Data File: gcf47372.d
Inj. Date and Time: 16-SEP-2011 16:19
Instrument ID: BNAGC1.i
Client ID:
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/18/2011

Processing Integration Results

Not Detected

Expected RT: 3.42

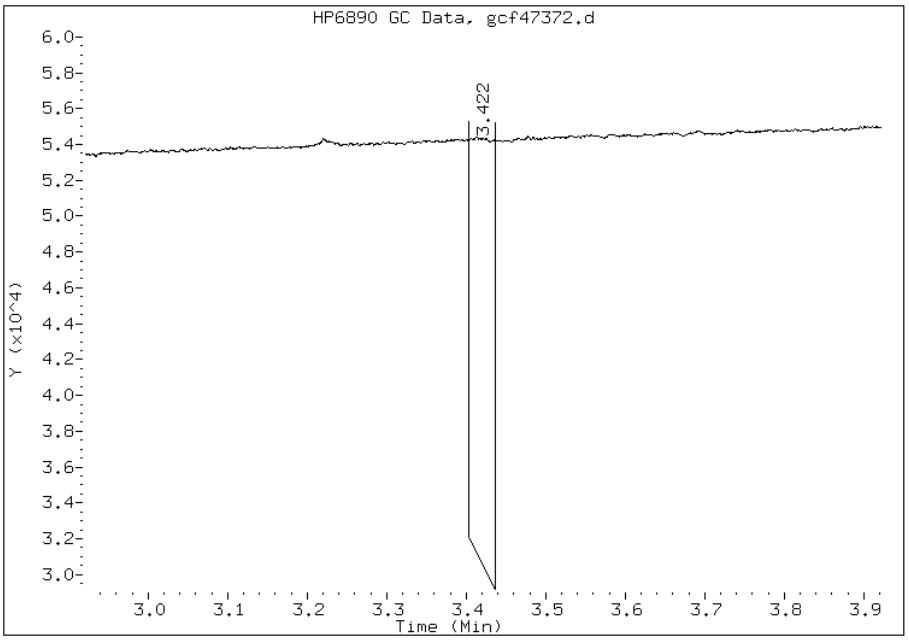
Manual Integration Results

RT: 3.42

Response: 914784

Amount: 13.96

Conc: 0.93



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf47372.d
Inj. Date and Time: 16-SEP-2011 16:19
Instrument ID: BNAGC1.i
Client ID:
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/18/2011

Processing Integration Results

Not Detected

Expected RT: 0.68

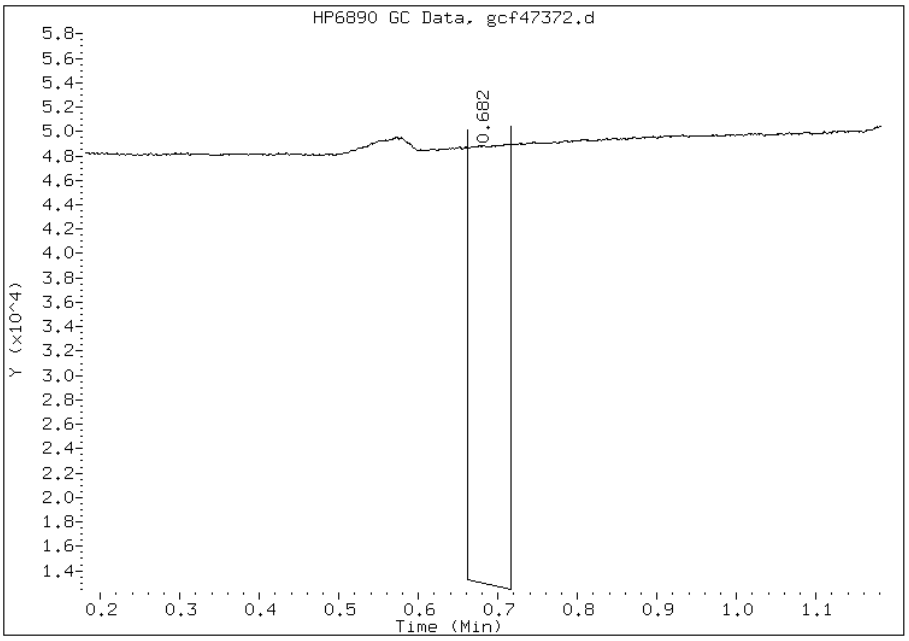
Manual Integration Results

RT: 0.68

Response: 642653

Amount: 12.09

Conc: 0.81



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-85949/2-A

Matrix: Solid Lab File ID: gcf47247.d

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3546 Date Extracted: 09/13/2011 21:17

Sample wt/vol: 15.00(g) Date Analyzed: 09/15/2011 08:00

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.: 86238 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	118		5.5	5.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	69		48-112
108-90-7	Chlorobenzene	61		32-106

Data File: gcf47247.d
Report Date: 15-Sep-2011 16:45

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-15-11/15sep11a.b/gcf47247.d
Lab Smp Id: LCS 460-85949/2-A
Inj Date : 15-SEP-2011 08:00
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : LCS 460-85949/2-A
Misc Info :
Comment :
Method : /chem/BNAGC1.i/QAM2010/front/09-15-11/15sep11a.b/QAM2009r.m
Meth Date : 15-Sep-2011 15:54 nimerd Quant Type: ESTD
Cal Date : 13-SEP-2011 09:34 Cal File: gcf47091.d
Als bottle: 12 QC Sample: BS
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

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)	3.427	3.497	-0.070	907676	13.8504	0.92(M)
$ 2 Chlorobenzene (sur)	0.684	0.684	0.000	650943	12.2448	0.82(M)
3 TPH	2.601	0.192	2.409	90120057	1777.08	118(M)

QC Flag Legend

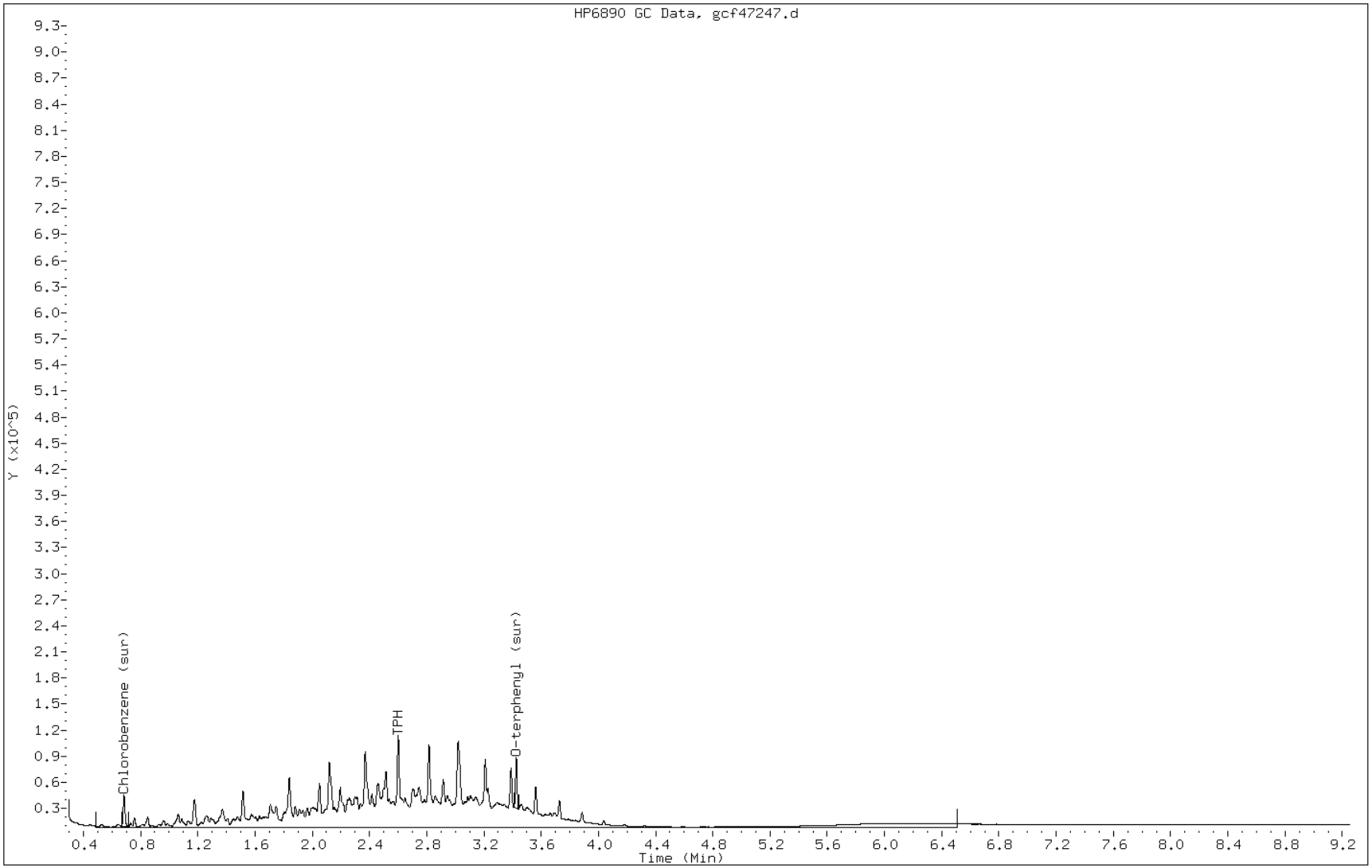
M - Compound response manually integrated.

Data File: gcf47247.d

Date: 15-SEP-2011 08:00

Client ID: Instrument: BNAGC1.i

Sample Info: LCS 460-85949/2-A Operator: BNAGC1



Manual Integration Report

Data File: gcf47247.d
Inj. Date and Time: 15-SEP-2011 08:00
Instrument ID: BNAGC1.i
Client ID:
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/15/2011

Processing Integration Results

Not Detected

Expected RT: 3.42

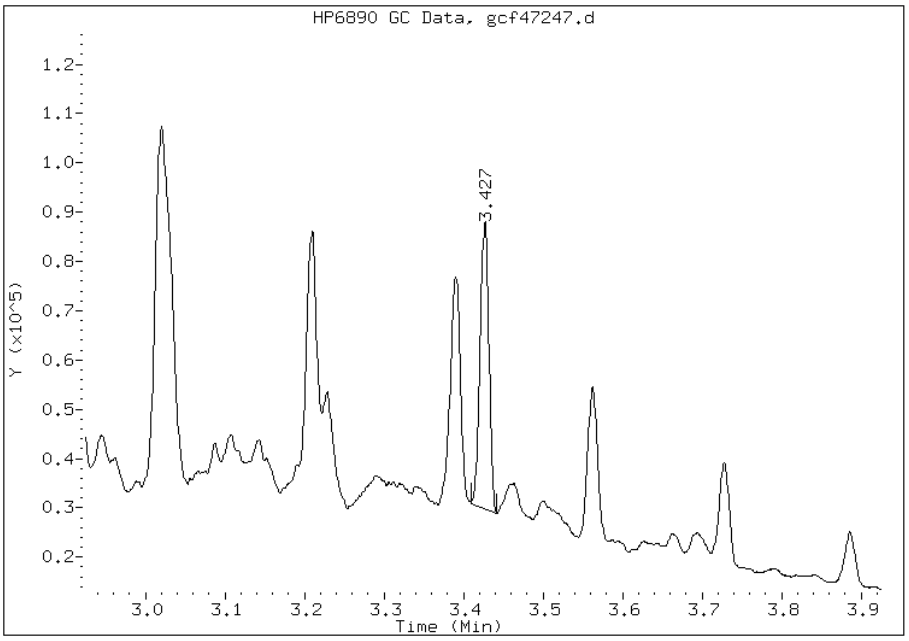
Manual Integration Results

RT: 3.43

Response: 907676

Amount: 13.85

Conc: 0.92



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf47247.d
Inj. Date and Time: 15-SEP-2011 08:00
Instrument ID: BNAGC1.i
Client ID:
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/15/2011

Processing Integration Results

Not Detected

Expected RT: 0.68

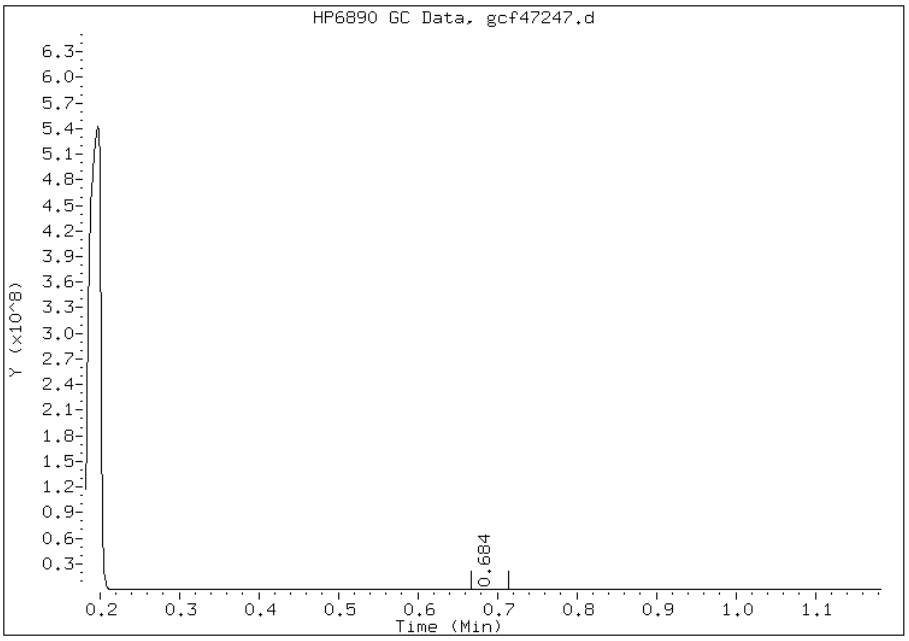
Manual Integration Results

RT: 0.68

Response: 650943

Amount: 12.24

Conc: 0.82



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-85857/3-A

Matrix: Water Lab File ID: gcf47321.d

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3510C Date Extracted: 09/13/2011 07:31

Sample wt/vol: 1000(mL) Date Analyzed: 09/16/2011 03:52

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.: 86259 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	1.87		0.082	0.082

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	81		50-109
108-90-7	Chlorobenzene	59		36-104

Data File: gcf47321.d
Report Date: 16-Sep-2011 05:21

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-15-11/15sep11d.b/gcf47321.d
Lab Smp Id: LCSD 460-85857/3-a
Inj Date : 16-SEP-2011 03:52
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : LCSD 460-85857/3-a
Misc Info :
Comment :
Method : /chem/BNAGC1.i/QAM2010/front/09-15-11/15sep11d.b/QAM2009r.m
Meth Date : 16-Sep-2011 05:10 diazc Quant Type: ESTD
Cal Date : 13-SEP-2011 09:34 Cal File: gcf47091.d
Als bottle: 75
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

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)	3.424	3.424	0.000	1056968	16.1285	1.1(M)
$ 2 Chlorobenzene (sur)	0.683	0.685	-0.002	624462	11.7466	0.78(M)
3 TPH	2.601	1.179	1.422	94759589	1868.57	124(M)

QC Flag Legend

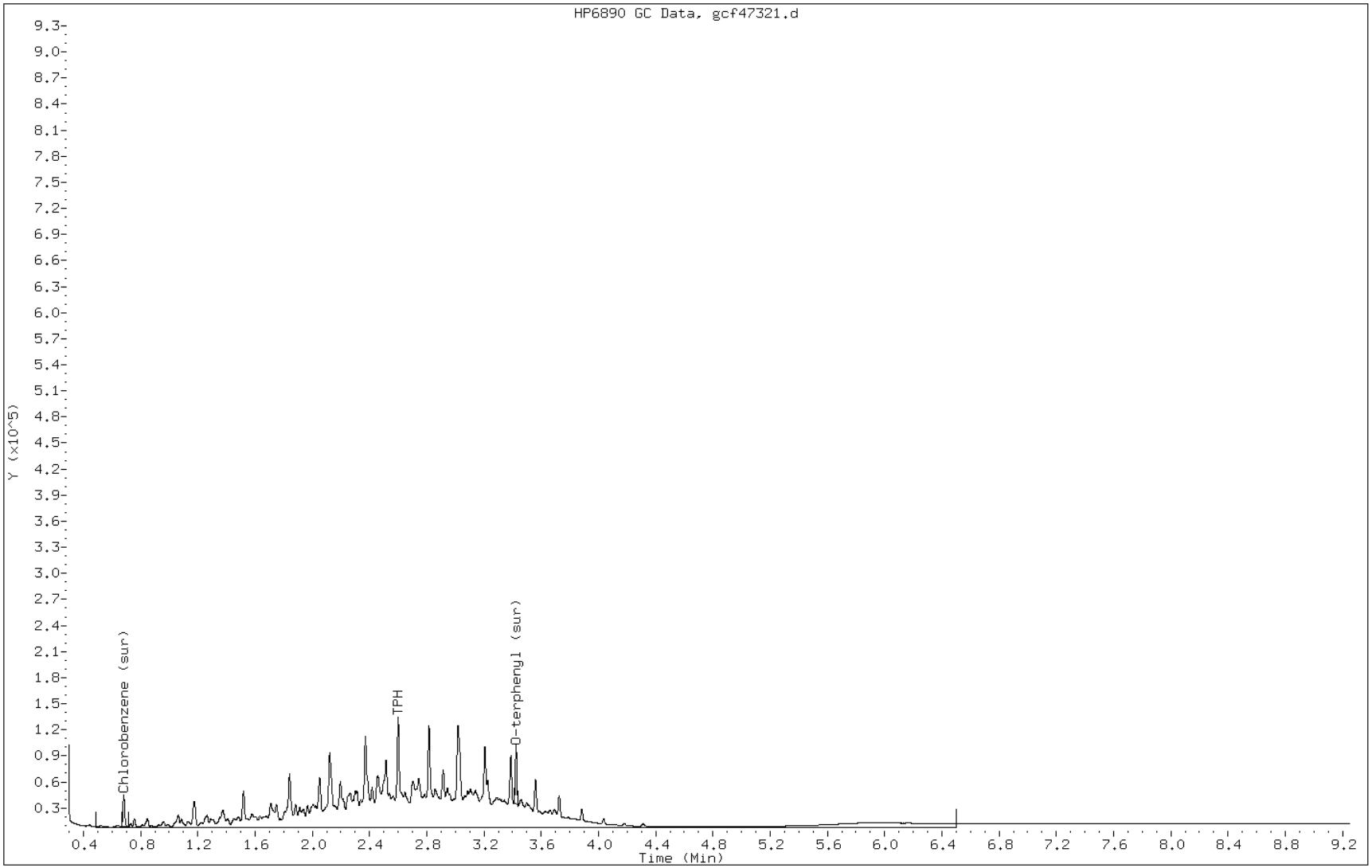
M - Compound response manually integrated.

Data File: gcf47321.d

Date: 16-SEP-2011 03:52

Client ID: Instrument: BNAGC1.i

Sample Info: LCSD 460-85857/3-a Operator: BNAGC1



Manual Integration Report

Data File: gcf47321.d
Inj. Date and Time: 16-SEP-2011 03:52
Instrument ID: BNAGC1.i
Client ID:
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/16/2011

Processing Integration Results

Not Detected

Expected RT: 3.42

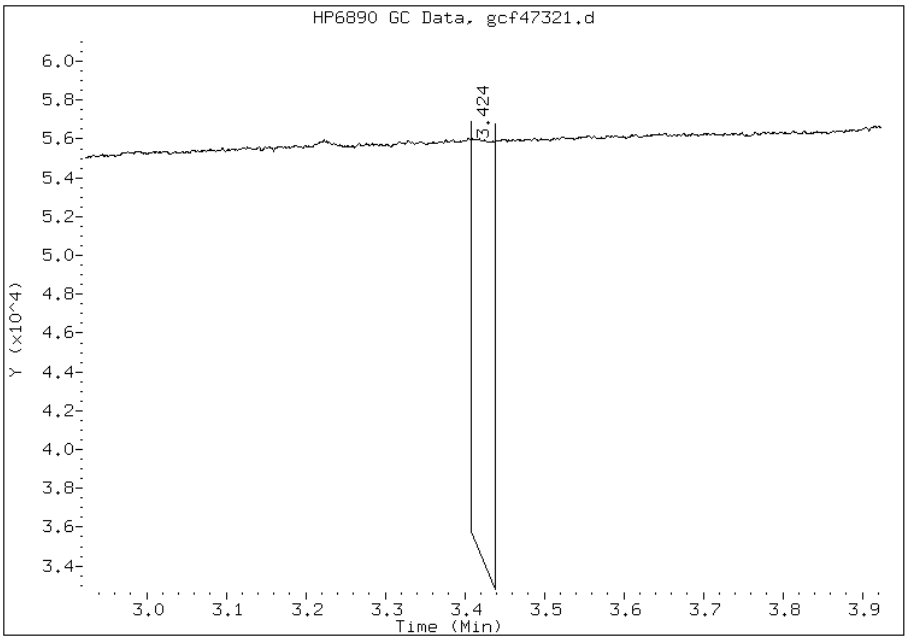
Manual Integration Results

RT: 3.42

Response: 1056968

Amount: 16.13

Conc: 1.08



Manually Integrated By: diazc
Manual Integration Reason:

Manual Integration Report

Data File: gcf47321.d
Inj. Date and Time: 16-SEP-2011 03:52
Instrument ID: BNAGC1.i
Client ID:
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/16/2011

Processing Integration Results

Not Detected

Expected RT: 0.69

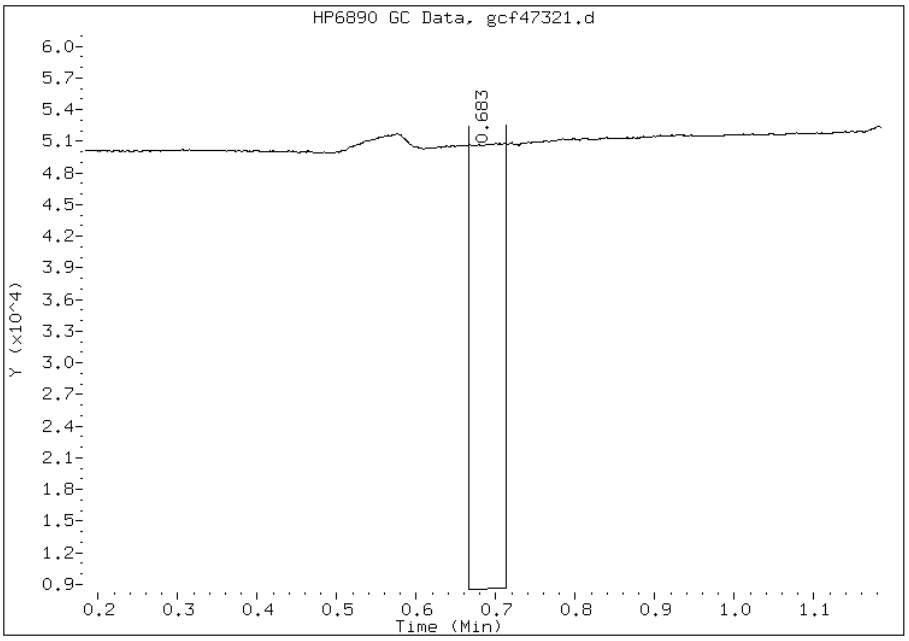
Manual Integration Results

RT: 0.68

Response: 624462

Amount: 11.75

Conc: 0.78



Manually Integrated By: diazc
Manual Integration Reason:

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-22-VD-S (3.5-5.0) MS Lab Sample ID: 460-30837-9 MS

Matrix: Solid Lab File ID: gcf47153.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/08/2011 17:30

Extraction Method: 3546 Date Extracted: 09/13/2011 10:30

Sample wt/vol: 15.01(g) Date Analyzed: 09/14/2011 01:38

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.: 86248 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	167		5.8	5.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	112		48-112
108-90-7	Chlorobenzene	79		32-106

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-4-WT-S (7.0-7.5) MS Lab Sample ID: 460-30837-29 MS

Matrix: Solid Lab File ID: gcf47231.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/09/2011 10:40

Extraction Method: 3546 Date Extracted: 09/13/2011 21:17

Sample wt/vol: 15.00(g) Date Analyzed: 09/15/2011 04:11

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 12.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86238 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	137		6.3	6.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	79		48-112
108-90-7	Chlorobenzene	61		32-106

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-22-VD-S (3.5-5.0) MSD Lab Sample ID: 460-30837-9 MSD

Matrix: Solid Lab File ID: gcf47154.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/08/2011 17:30

Extraction Method: 3546 Date Extracted: 09/13/2011 10:30

Sample wt/vol: 15.00(g) Date Analyzed: 09/14/2011 01:53

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.: 86248 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	153		5.8	5.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	108		48-112
108-90-7	Chlorobenzene	80		32-106

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Client Sample ID: PMP-4-WT-S (7.0-7.5) MSD Lab Sample ID: 460-30837-29 MSD

Matrix: Solid Lab File ID: gcf47232.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/09/2011 10:40

Extraction Method: 3546 Date Extracted: 09/13/2011 21:17

Sample wt/vol: 15.00(g) Date Analyzed: 09/15/2011 04:25

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 12.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 86238 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	143		6.3	6.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	78		48-112
108-90-7	Chlorobenzene	63		32-106

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Instrument ID: BNAGC1 Start Date: 07/12/2011 16:55

Analysis Batch Number: 79647 End Date: 07/14/2011 02:55

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RINSE 460-79647/1		07/12/2011 16:55	1		Rtx-5MS 0.25(mm)
IC 460-79647/3		07/12/2011 17:19	1	gcf45468.d	Rtx-5MS 0.25(mm)
IC 460-79647/4		07/12/2011 17:34	1	gcf45469.d	Rtx-5MS 0.25(mm)
IC 460-79647/5		07/12/2011 17:49	1	gcf45470.d	Rtx-5MS 0.25(mm)
IC 460-79647/6		07/12/2011 18:13	1	gcf45471.d	Rtx-5MS 0.25(mm)
RINSE 460-79647/7		07/12/2011 18:26	1		Rtx-5MS 0.25(mm)
RINSE 460-79647/8		07/12/2011 18:33	1		Rtx-5MS 0.25(mm)
RINSE 460-79647/9		07/12/2011 18:48	1		Rtx-5MS 0.25(mm)
IC 460-79647/10		07/12/2011 19:02	1	gcf45475.d	Rtx-5MS 0.25(mm)
ZZZZZ		07/12/2011 19:27	1		Rtx-5MS 0.25(mm)
RINSE 460-79647/12		07/12/2011 19:42	1		Rtx-5MS 0.25(mm)
RINSE 460-79647/13		07/12/2011 19:51	1		Rtx-5MS 0.25(mm)
RINSE 460-79647/14		07/12/2011 20:06	1		Rtx-5MS 0.25(mm)
CCV 460-79647/15		07/12/2011 20:21	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/12/2011 20:36	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/12/2011 21:00	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/12/2011 21:15	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/12/2011 21:37	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/12/2011 21:52	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/12/2011 22:01	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/12/2011 22:16	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/12/2011 22:31	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/12/2011 22:43	1		Rtx-5MS 0.25(mm)
RINSE 460-79647/25		07/12/2011 22:58	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/12/2011 23:13	1		Rtx-5MS 0.25(mm)
CCV 460-79647/27		07/12/2011 23:25	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/12/2011 23:40	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/12/2011 23:55	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 00:02	1		Rtx-5MS 0.25(mm)
RINSE 460-79647/30		07/13/2011 00:10	1		Rtx-5MS 0.25(mm)
RINSE 460-79647/31		07/13/2011 00:34	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 00:49	1		Rtx-5MS 0.25(mm)
CCV 460-79647/33		07/13/2011 00:49	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 01:17	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 01:31	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 01:42	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 01:56	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 02:11	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 02:24	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 02:39	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 02:54	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 03:04	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 03:19	1		Rtx-5MS 0.25(mm)
RINSE 460-79647/44		07/13/2011 03:33	1		Rtx-5MS 0.25(mm)
RINSE 460-79647/45		07/13/2011 03:58	1		Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Instrument ID: BNAGC1 Start Date: 07/12/2011 16:55

Analysis Batch Number: 79647 End Date: 07/14/2011 02:55

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		07/13/2011 03:58	1		Rtx-5MS 0.25(mm)
CCV 460-79647/47		07/13/2011 04:13	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 04:39	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 04:53	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 05:04	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 05:19	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 05:30	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 05:45	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 05:59	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 06:13	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 06:27	1		Rtx-5MS 0.25(mm)
RINSE 460-79647/57		07/13/2011 06:42	1		Rtx-5MS 0.25(mm)
RINSE 460-79647/58		07/13/2011 06:57	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 07:08	1		Rtx-5MS 0.25(mm)
CCV 460-79647/60		07/13/2011 07:23	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 07:38	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 08:01	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 08:16	1		Rtx-5MS 0.25(mm)
CCV 460-79647/64		07/13/2011 08:27	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 08:42	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 08:56	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 09:11	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 09:26	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 09:35	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 10:03	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 10:12	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 10:27	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 10:41	1		Rtx-5MS 0.25(mm)
RINSE 460-79647/74		07/13/2011 10:56	1		Rtx-5MS 0.25(mm)
RINSE 460-79647/75		07/13/2011 11:10	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 11:25	1		Rtx-5MS 0.25(mm)
CCV 460-79647/77		07/13/2011 11:33	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 11:48	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 12:03	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 12:29	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 12:43	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 12:58	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 13:13	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 13:24	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 13:39	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 13:54	1		Rtx-5MS 0.25(mm)
RINSE 460-79647/87		07/13/2011 14:03	1		Rtx-5MS 0.25(mm)
RINSE 460-79647/88		07/13/2011 14:18	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 14:44	1		Rtx-5MS 0.25(mm)
CCV 460-79647/90		07/13/2011 14:56	1		Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Instrument ID: BNAGC1 Start Date: 07/12/2011 16:55

Analysis Batch Number: 79647 End Date: 07/14/2011 02:55

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		07/13/2011 15:11	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 15:26	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 15:37	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 15:52	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 16:04	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 16:31	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 16:43	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 16:57	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 17:12	1		Rtx-5MS 0.25(mm)
RINSE 460-79647/100		07/13/2011 17:24	1		Rtx-5MS 0.25(mm)
RINSE 460-79647/101		07/13/2011 17:39	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 17:55	1		Rtx-5MS 0.25(mm)
CCV 460-79647/103		07/13/2011 18:11	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 18:26	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 18:40	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 18:55	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 19:07	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 19:22	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 19:46	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 19:59	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 20:06	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 20:20	1		Rtx-5MS 0.25(mm)
RINSE 460-79647/113		07/13/2011 20:35	1		Rtx-5MS 0.25(mm)
RINSE 460-79647/114		07/13/2011 21:15	1		Rtx-5MS 0.25(mm)
RINSE 460-79647/115		07/13/2011 21:29	1		Rtx-5MS 0.25(mm)
RINSE 460-79647/116		07/13/2011 21:42	1		Rtx-5MS 0.25(mm)
RINSE 460-79647/117		07/13/2011 21:57	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 22:10	1		Rtx-5MS 0.25(mm)
CCV 460-79647/119		07/13/2011 22:25	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 22:39	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 22:54	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 23:09	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 23:19	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 23:34	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/13/2011 23:47	1		Rtx-5MS 0.25(mm)
RINSE 460-79647/127		07/14/2011 00:13	1		Rtx-5MS 0.25(mm)
RINSE 460-79647/128		07/14/2011 00:28	1		Rtx-5MS 0.25(mm)
RINSE 460-79647/129		07/14/2011 00:39	1		Rtx-5MS 0.25(mm)
RINSE 460-79647/130		07/14/2011 00:53	1		Rtx-5MS 0.25(mm)
RINSE 460-79647/131		07/14/2011 01:19	1		Rtx-5MS 0.25(mm)
RINSE 460-79647/132		07/14/2011 01:34	1		Rtx-5MS 0.25(mm)
RINSE 460-79647/133		07/14/2011 01:42	1		Rtx-5MS 0.25(mm)
RINSE 460-79647/134		07/14/2011 01:57	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/14/2011 02:11	1		Rtx-5MS 0.25(mm)
ZZZZZ		07/14/2011 02:26	1		Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Instrument ID: BNAGC1 Start Date: 07/12/2011 16:55

Analysis Batch Number: 79647 End Date: 07/14/2011 02:55

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		07/14/2011 02:40	1		Rtx-5MS 0.25(mm)
CCV 460-79647/138		07/14/2011 02:55	1		Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Instrument ID: BNAGC1 Start Date: 09/13/2011 02:54

Analysis Batch Number: 85943 End Date: 09/13/2011 09:49

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RINSE 460-85943/1		09/13/2011 02:54	1		Rtx-5MS 0.25(mm)
RINSE 460-85943/2		09/13/2011 03:09	1		Rtx-5MS 0.25(mm)
RINSE 460-85943/3		09/13/2011 03:21	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/13/2011 08:12	1		Rtx-5MS 0.25(mm)
IC 460-85943/5		09/13/2011 08:27	1	gcf47087.d	Rtx-5MS 0.25(mm)
IC 460-85943/6		09/13/2011 08:42	1	gcf47088.d	Rtx-5MS 0.25(mm)
IC 460-85943/7		09/13/2011 08:56	1	gcf47089.d	Rtx-5MS 0.25(mm)
IC 460-85943/8		09/13/2011 09:10	1	gcf47090.d	Rtx-5MS 0.25(mm)
IC 460-85943/9		09/13/2011 09:34	1	gcf47091.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/13/2011 09:49	1		Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Instrument ID: BNAGC1 Start Date: 09/15/2011 02:39

Analysis Batch Number: 86238 End Date: 09/15/2011 15:56

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RINSE 460-86238/1		09/15/2011 02:39	1		Rtx-5MS 0.25(mm)
RINSE 460-86238/2		09/15/2011 02:48	1		Rtx-5MS 0.25(mm)
RINSE 460-86238/3		09/15/2011 03:03	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2011 03:18	1		Rtx-5MS 0.25(mm)
CCV 460-86238/5		09/15/2011 03:42	1	gcf47229.d	Rtx-5MS 0.25(mm)
MB 460-85949/1-A		09/15/2011 03:56	1	gcf47230.d	Rtx-5MS 0.25(mm)
460-30837-29 MS	PMP-4-WT-S (7.0-7.5) MS	09/15/2011 04:11	1	gcf47231.d	Rtx-5MS 0.25(mm)
460-30837-29 MSD	PMP-4-WT-S (7.0-7.5) MSD	09/15/2011 04:25	1	gcf47232.d	Rtx-5MS 0.25(mm)
460-30837-29	PMP-4-WT-S (7.0-7.5)	09/15/2011 04:34	1	gcf47233.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2011 04:49	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2011 05:04	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2011 05:15	10		Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2011 05:30	10		Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2011 05:44	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2011 05:59	1		Rtx-5MS 0.25(mm)
CCV 460-86238/16		09/15/2011 06:22	1	gcf47240.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2011 06:36	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2011 06:51	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2011 07:05	1		Rtx-5MS 0.25(mm)
RINSE 460-86238/20		09/15/2011 07:17	1		Rtx-5MS 0.25(mm)
RINSE 460-86238/21		09/15/2011 07:31	1		Rtx-5MS 0.25(mm)
RINSE 460-86238/22		09/15/2011 07:45	1		Rtx-5MS 0.25(mm)
LCS 460-85949/2-A		09/15/2011 08:00	1	gcf47247.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2011 08:15	1		Rtx-5MS 0.25(mm)
CCV 460-86238/25		09/15/2011 08:26	1	gcf47249.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2011 08:40	10		Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2011 08:51	10		Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2011 09:06	10		Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2011 09:17	10		Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2011 09:32	10		Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2011 09:46	10		Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2011 10:09	5		Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2011 10:20	10		Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2011 10:35	1		Rtx-5MS 0.25(mm)
RINSE 460-86238/35		09/15/2011 10:49	1		Rtx-5MS 0.25(mm)
RINSE 460-86238/36		09/15/2011 11:00	1		Rtx-5MS 0.25(mm)
RINSE 460-86238/37		09/15/2011 11:15	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2011 11:30	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2011 11:55	1		Rtx-5MS 0.25(mm)
CCV 460-86238/40		09/15/2011 11:55	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2011 12:09	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2011 12:35	10		Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2011 12:45	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2011 13:11	1		Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Instrument ID: BNAGC1 Start Date: 09/15/2011 02:39

Analysis Batch Number: 86238 End Date: 09/15/2011 15:56

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/15/2011 13:24	10		Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2011 13:39	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2011 13:54	10		Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2011 14:04	10		Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2011 14:19	10		Rtx-5MS 0.25(mm)
RINSE 460-86238/50		09/15/2011 14:34	1		Rtx-5MS 0.25(mm)
RINSE 460-86238/51		09/15/2011 14:59	1		Rtx-5MS 0.25(mm)
RINSE 460-86238/52		09/15/2011 15:14	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2011 15:27	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2011 15:42	1		Rtx-5MS 0.25(mm)
CCV 460-86238/55		09/15/2011 15:56	1		Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Instrument ID: BNAGC1 Start Date: 09/15/2011 15:42

Analysis Batch Number: 86242 End Date: 09/15/2011 22:00

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/15/2011 15:42	1		Rtx-5MS 0.25(mm)
CCV 460-86242/2		09/15/2011 15:56	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2011 16:04	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2011 16:19	10		Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2011 16:32	10		Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2011 16:47	10		Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2011 17:02	1		Rtx-5MS 0.25(mm)
CCV 460-86242/8		09/15/2011 17:12	1	gcf47285.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2011 17:27	100		Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2011 17:42	2		Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2011 17:56	10		Rtx-5MS 0.25(mm)
460-30837-1	PMP-2-VD-S (3.5-4.0)	09/15/2011 18:07	20	gcf47289.d	Rtx-5MS 0.25(mm)
460-30837-2	PMP-2-WT-S (8.0-8.5)	09/15/2011 18:22	100	gcf47290.d	Rtx-5MS 0.25(mm)
460-30837-3	PMP-2-SI-S (10.5-11.0)	09/15/2011 18:36	100	gcf47291.d	Rtx-5MS 0.25(mm)
460-30837-4	PMP-24-VS-S (1-3)	09/15/2011 18:50	100	gcf47292.d	Rtx-5MS 0.25(mm)
460-30837-5	PMP-24-VD-S (4.5-6.0)	09/15/2011 19:04	200	gcf47293.d	Rtx-5MS 0.25(mm)
460-30837-6	PMP-24-WT-S (6.5-8.5)	09/15/2011 19:30	100	gcf47294.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2011 19:44	1		Rtx-5MS 0.25(mm)
CCV 460-86242/19		09/15/2011 19:55	1	gcf47296.d	Rtx-5MS 0.25(mm)
460-30837-7	PMP-24-SI-S (10.5-12.5)	09/15/2011 20:10	100	gcf47297.d	Rtx-5MS 0.25(mm)
460-30837-8	PMP-22-VS-S (1.5-2.0)	09/15/2011 20:22	1	gcf47298.d	Rtx-5MS 0.25(mm)
460-30837-10	PMP-22-WT-S (7.0-8.5)	09/15/2011 20:35	1	gcf47299.d	Rtx-5MS 0.25(mm)
460-30837-11	PMP-23-VS-S (1-3)	09/15/2011 20:50	1	gcf47300.d	Rtx-5MS 0.25(mm)
460-30837-12	PMP-23-WT-S (6.5-8.5)	09/15/2011 21:05	1	gcf47301.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2011 21:17	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2011 21:32	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2011 21:45	1		Rtx-5MS 0.25(mm)
CCV 460-86242/28		09/15/2011 22:00	1	gcf47305.d	Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Instrument ID: BNAGC1 Start Date: 09/13/2011 00:03

Analysis Batch Number: 86248 End Date: 09/14/2011 18:48

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RINSE 460-86248/10		09/13/2011 00:03	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/13/2011 22:01	1		Rtx-5MS 0.25(mm)
CCV 460-86248/2		09/13/2011 22:13	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/13/2011 22:28	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/13/2011 22:43	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/13/2011 22:57	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/13/2011 23:07	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/13/2011 23:22	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/13/2011 23:36	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/13/2011 23:48	1		Rtx-5MS 0.25(mm)
RINSE 460-86248/11		09/14/2011 00:15	1		Rtx-5MS 0.25(mm)
RINSE 460-86248/12		09/14/2011 00:30	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 00:45	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 01:11	1		Rtx-5MS 0.25(mm)
CCV 460-86248/15		09/14/2011 01:23	1	gcf47152.d	Rtx-5MS 0.25(mm)
460-30837-9 MS	PMP-22-VD-S (3.5-5.0) MS	09/14/2011 01:38	1	gcf47153.d	Rtx-5MS 0.25(mm)
460-30837-9 MSD	PMP-22-VD-S (3.5-5.0) MSD	09/14/2011 01:53	1	gcf47154.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 02:05	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 02:20	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 02:34	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 02:46	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 03:01	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 03:16	1		Rtx-5MS 0.25(mm)
460-30837-9	PMP-22-VD-S (3.5-5.0)	09/14/2011 03:25	1	gcf47161.d	Rtx-5MS 0.25(mm)
RINSE 460-86248/25		09/14/2011 03:40	1		Rtx-5MS 0.25(mm)
RINSE 460-86248/26		09/14/2011 04:07	1		Rtx-5MS 0.25(mm)
RINSE 460-86248/27		09/14/2011 04:18	1		Rtx-5MS 0.25(mm)
MB 460-85887/1-A		09/14/2011 04:33	1	gcf47165.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 04:48	1		Rtx-5MS 0.25(mm)
CCV 460-86248/30		09/14/2011 05:00	1	gcf47167.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 05:06	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 05:21	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 05:36	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 06:00	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 06:14	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 06:29	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 06:41	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 06:56	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 07:10	1		Rtx-5MS 0.25(mm)
RINSE 460-86248/40		09/14/2011 07:25	1		Rtx-5MS 0.25(mm)
RINSE 460-86248/41		09/14/2011 07:40	1		Rtx-5MS 0.25(mm)
RINSE 460-86248/42		09/14/2011 07:49	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 08:04	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 08:31	1		Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Instrument ID: BNAGC1 Start Date: 09/13/2011 00:03

Analysis Batch Number: 86248 End Date: 09/14/2011 18:48

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/14/2011 08:43	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 08:58	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 09:12	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 09:22	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 09:36	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 09:46	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 10:01	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 10:15	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 10:39	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 10:54	1		Rtx-5MS 0.25(mm)
RINSE 460-86248/55		09/14/2011 11:09	1		Rtx-5MS 0.25(mm)
RINSE 460-86248/56		09/14/2011 11:23	1		Rtx-5MS 0.25(mm)
RINSE 460-86248/57		09/14/2011 11:39	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 11:54	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 12:03	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 12:18	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 12:29	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 12:44	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 12:58	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 13:13	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 13:39	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 13:54	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 14:06	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 14:20	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 14:35	1		Rtx-5MS 0.25(mm)
RINSE 460-86248/70		09/14/2011 14:59	1		Rtx-5MS 0.25(mm)
RINSE 460-86248/71		09/14/2011 15:14	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 15:25	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 15:40	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 15:54	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 16:09	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 16:21	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 16:35	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 16:50	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 17:14	1		Rtx-5MS 0.25(mm)
RINSE 460-86248/80		09/14/2011 17:28	1		Rtx-5MS 0.25(mm)
RINSE 460-86248/81		09/14/2011 17:43	1		Rtx-5MS 0.25(mm)
RINSE 460-86248/82		09/14/2011 17:55	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 18:10	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 18:24	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/14/2011 18:34	1		Rtx-5MS 0.25(mm)
RINSE 460-86248/86		09/14/2011 18:48	1		Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Instrument ID: BNAGC1 Start Date: 09/16/2011 01:22

Analysis Batch Number: 86259 End Date: 09/16/2011 04:41

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/16/2011 01:22	1		Rtx-5MS 0.25(mm)
CCV 460-86259/2		09/16/2011 01:22	1	gcf47318.d	Rtx-5MS 0.25(mm)
MB 460-85857/1-A		09/16/2011 03:27	1	gcf47319.d	Rtx-5MS 0.25(mm)
LCS 460-85857/2-A		09/16/2011 03:37	1	gcf47320.d	Rtx-5MS 0.25(mm)
LCSD 460-85857/3-A		09/16/2011 03:52	1	gcf47321.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/16/2011 04:18	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/16/2011 04:26	1		Rtx-5MS 0.25(mm)
CCV 460-86259/8		09/16/2011 04:41	1	gcf47324.d	Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Instrument ID: BNAGC1 Start Date: 09/16/2011 05:10

Analysis Batch Number: 86370 End Date: 09/16/2011 15:05

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RINSE 460-86370/1		09/16/2011 05:10	1		Rtx-5MS 0.25(mm)
RINSE 460-86370/2		09/16/2011 05:21	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/16/2011 05:35	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/16/2011 05:50	1		Rtx-5MS 0.25(mm)
CCV 460-86370/5		09/16/2011 06:03	1	gcf47329.d	Rtx-5MS 0.25(mm)
460-30837-13	PMP-23-VD-S (3.5-5.0)	09/16/2011 06:18	1	gcf47330.d	Rtx-5MS 0.25(mm)
460-30837-14	PMP-12-VS-S (0.5-1.0)	09/16/2011 06:31	1	gcf47331.d	Rtx-5MS 0.25(mm)
460-30837-15	PMP-12-VD-S (2.5-3.0)	09/16/2011 06:45	1	gcf47332.d	Rtx-5MS 0.25(mm)
460-30837-16	PMP-12-WT-S (7.0-7.5)	09/16/2011 07:00	1	gcf47333.d	Rtx-5MS 0.25(mm)
RINSE 460-86370/10		09/16/2011 07:15	1		Rtx-5MS 0.25(mm)
RINSE 460-86370/11		09/16/2011 07:40	1		Rtx-5MS 0.25(mm)
RINSE 460-86370/12		09/16/2011 07:54	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/16/2011 08:07	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/16/2011 08:22	1		Rtx-5MS 0.25(mm)
CCV 460-86370/15		09/16/2011 08:36	1	gcf47339.d	Rtx-5MS 0.25(mm)
460-30837-17	Dup_090811	09/16/2011 08:49	1	gcf47340.d	Rtx-5MS 0.25(mm)
460-30837-18	PMP-25-VS-S (1-3)	09/16/2011 09:03	1	gcf47341.d	Rtx-5MS 0.25(mm)
460-30837-19	PMP-25-VD-S (3-5)	09/16/2011 09:18	1	gcf47342.d	Rtx-5MS 0.25(mm)
460-30837-20	PMP-25-WT-S (7.5-9.5)	09/16/2011 09:27	1	gcf47343.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/16/2011 09:42	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/16/2011 09:57	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/16/2011 10:12	1		Rtx-5MS 0.25(mm)
460-30837-30	FB_090811	09/16/2011 10:26	1	gcf47347.d	Rtx-5MS 0.25(mm)
RINSE 460-86370/24		09/16/2011 10:41	1		Rtx-5MS 0.25(mm)
RINSE 460-86370/25		09/16/2011 10:56	1		Rtx-5MS 0.25(mm)
RINSE 460-86370/26		09/16/2011 11:07	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/16/2011 11:22	1		Rtx-5MS 0.25(mm)
CCV 460-86370/28		09/16/2011 11:46	1	gcf47352.d	Rtx-5MS 0.25(mm)
460-30837-31	FB_090911	09/16/2011 11:46	1	gcf47353.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/16/2011 12:12	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/16/2011 12:23	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/16/2011 12:38	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/16/2011 12:46	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/16/2011 13:01	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/16/2011 13:15	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/16/2011 13:30	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/16/2011 13:44	1		Rtx-5MS 0.25(mm)
RINSE 460-86370/38		09/16/2011 13:58	1		Rtx-5MS 0.25(mm)
RINSE 460-86370/39		09/16/2011 14:13	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/16/2011 14:24	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/16/2011 14:39	1		Rtx-5MS 0.25(mm)
CCV 460-86370/42		09/16/2011 15:05	1	gcf47366.d	Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Instrument ID: BNAGC1 Start Date: 09/16/2011 14:24

Analysis Batch Number: 86454 End Date: 09/16/2011 19:51

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/16/2011 14:24	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/16/2011 14:39	1		Rtx-5MS 0.25(mm)
CCV 460-86454/3		09/16/2011 15:05	1	gcf47366.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/16/2011 15:17	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/16/2011 15:31	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/16/2011 15:46	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/16/2011 15:55	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/16/2011 16:10	1		Rtx-5MS 0.25(mm)
LCS 460-85887/2-A		09/16/2011 16:19	1	gcf47372.d	Rtx-5MS 0.25(mm)
RINSE 460-86454/10		09/16/2011 16:34	1		Rtx-5MS 0.25(mm)
RINSE 460-86454/11		09/16/2011 17:00	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/16/2011 17:15	1		Rtx-5MS 0.25(mm)
CCV 460-86454/13		09/16/2011 17:29	1	gcf47376.d	Rtx-5MS 0.25(mm)
460-30837-21	PMP-14-VS-S (0.5-1.0)	09/16/2011 17:44	1	gcf47377.d	Rtx-5MS 0.25(mm)
460-30837-22	PMP-14-VD-S (2.5-3.0)	09/16/2011 17:53	1	gcf47378.d	Rtx-5MS 0.25(mm)
460-30837-23	PMP-14-WT-S (7.0-7.5)	09/16/2011 18:08	1	gcf47379.d	Rtx-5MS 0.25(mm)
460-30837-24	PMP-8-VS-S (0.5-1.0)	09/16/2011 18:23	10	gcf47380.d	Rtx-5MS 0.25(mm)
460-30837-25	PMP-8-VD-S (2.5-3.0)	09/16/2011 18:33	1	gcf47381.d	Rtx-5MS 0.25(mm)
460-30837-26	PMP-8-WT-S (7.0-7.5)	09/16/2011 18:47	1	gcf47382.d	Rtx-5MS 0.25(mm)
460-30837-27	PMP-4-VS-S (0.5-1.0)	09/16/2011 19:02	100	gcf47383.d	Rtx-5MS 0.25(mm)
460-30837-28	PMP-4-VD-S (2.5-3.0)	09/16/2011 19:12	1	gcf47384.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/16/2011 19:36	1		Rtx-5MS 0.25(mm)
CCV 460-86454/23		09/16/2011 19:51	1	gcf47386.d	Rtx-5MS 0.25(mm)

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Batch Number: 85857 Batch Start Date: 09/13/11 07:31 Batch Analyst: Chen, Mandi

Batch Method: 3510C Batch End Date: 09/13/11 12:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_QAMBS 00022	OPQAMSU 00018		
MB 460-85857/1		3510C, NJ-OQA-QAM-025		1000 mL	1 mL		1 mL		
LCS 460-85857/2		3510C, NJ-OQA-QAM-025		1000 mL	1 mL	1 mL	1 mL		
LCSD 460-85857/3		3510C, NJ-OQA-QAM-025		1000 mL	1 mL	1 mL	1 mL		
460-30837-I-30	FB_090811	3510C, NJ-OQA-QAM-025	T	1000 mL	1 mL		1 mL		
460-30837-I-31	FB_090911	3510C, NJ-OQA-QAM-025	T	1000 mL	1 mL		1 mL		

Batch Notes	
Concentration End Time	12PM
Concentration Start Time	10AM
Person's name who did the concentration	MC
N-evap temperature	35 Degrees C
Oven, Bath or Block Temperature 1	90 Degrees C
Prep Solvent Lot #	K24E11
Prep Solvent Name	MeCl2
Prep Solvent Volume Used	180 mL
Person's name who did the prep	MC
Person's name who witnessed reagent drop	HP

Basis	Basis Description
T	Total/NA

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Batch Number: 85887 Batch Start Date: 09/13/11 10:30 Batch Analyst: Patel, Harsh

Batch Method: 3546 Batch End Date: 09/13/11 15:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_QAMBS 00022	OPQAMMS/SD 00019	OPQAMSU 00018	AnalysisComment
MB 460-85887/1		3546, NJ-OQA-QAM-025		15.00 g	1 mL			1 mL	
LCS 460-85887/2		3546, NJ-OQA-QAM-025		15.00 g	1 mL	1 mL		1 mL	
460-30837-F-9 MS	PMP-22-VD-S (3.5-5.0)	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL		1 mL	1 mL	wet sample,dried for 30 mts.
460-30837-F-9 MSD	PMP-22-VD-S (3.5-5.0)	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL		1 mL	1 mL	wet sample,dried for 30 mts.
460-30837-F-1	PMP-2-VD-S (3.5-4.0)	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	wet sample,dried for 30 mts.
460-30837-F-2	PMP-2-WT-S (8.0-8.5)	3546, NJ-OQA-QAM-025	T	15.02 g	1 mL			1 mL	wet sample,dried for 30 mts.
460-30837-F-3	PMP-2-SI-S (10.5-11.0)	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-30837-F-4	PMP-24-VS-S (1-3)	3546, NJ-OQA-QAM-025	T	15.02 g	1 mL			1 mL	Dark Extract.
460-30837-F-5	PMP-24-VD-S (4.5-6.0)	3546, NJ-OQA-QAM-025	T	15.02 g	1 mL			1 mL	Dark Extract.
460-30837-F-6	PMP-24-WT-S (6.5-8.5)	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	wet sample,dried for 30 mts.Dark Extract.
460-30837-F-7	PMP-24-SI-S (10.5-12.5)	3546, NJ-OQA-QAM-025	T	15.04 g	1 mL			1 mL	wet sample,dried for 30 mts.
460-30837-F-8	PMP-22-VS-S (1.5-2.0)	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	Dark Extract.
460-30837-F-9	PMP-22-VD-S (3.5-5.0)	3546, NJ-OQA-QAM-025	T	15.03 g	1 mL			1 mL	wet sample,dried for 30 mts.
460-30837-F-10	PMP-22-WT-S (7.0-8.5)	3546, NJ-OQA-QAM-025	T	15.03 g	1 mL			1 mL	

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Batch Number: 85887 Batch Start Date: 09/13/11 10:30 Batch Analyst: Patel, Harsh

Batch Method: 3546 Batch End Date: 09/13/11 15:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_QAMBS 00022	OPQAMMS/SD 00019	OPQAMSU 00018	AnalysisComment
460-30837-F-11	PMP-23-VS-S (1-3)	3546, NJ-OQA-QAM-025	T	15.02 g	1 mL			1 mL	
460-30837-F-12	PMP-23-WT-S (6.5-8.5)	3546, NJ-OQA-QAM-025	T	15.03 g	1 mL			1 mL	wet sample,dried for 30 mts.
460-30837-F-13	PMP-23-VD-S (3.5-5.0)	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-30837-F-14	PMP-12-VS-S (0.5-1.0)	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	Dark Extract.
460-30837-F-15	PMP-12-VD-S (2.5-3.0)	3546, NJ-OQA-QAM-025	T	15.02 g	1 mL			1 mL	
460-30837-F-16	PMP-12-WT-S (7.0-7.5)	3546, NJ-OQA-QAM-025	T	15.02 g	1 mL			1 mL	wet sample,dried for 30 mts.
460-30837-F-17	Dup_090811	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	wet sample,dried for 30 mts.
460-30837-F-18	PMP-25-VS-S (1-3)	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	wet sample,dried for 30 mts.
460-30837-F-19	PMP-25-VD-S (3-5)	3546, NJ-OQA-QAM-025	T	15.03 g	1 mL			1 mL	wet sample,dried for 30 mts.
460-30837-F-20	PMP-25-WT-S (7.5-9.5)	3546, NJ-OQA-QAM-025	T	15.02 g	1 mL			1 mL	wet sample,dried for 30 mts.

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Batch Number: 85887 Batch Start Date: 09/13/11 10:30 Batch Analyst: Patel, Harsh

Batch Method: 3546 Batch End Date: 09/13/11 15:00

Batch Notes	
Balance ID	28
Batch Comment	QAM 025 soil
Person's name who did the concentration	hp
Final Concentrator Volume	1 mL
MeCL2 Lot #	K30E10
Microwave Start Time	9.45am
Microwave Stop Time	10.15am
Na2SO4 Lot Number	J51636
Person's name who did the prep	hp
Person who witnessed spiking	Hemex

Basis	Basis Description
T	Total/NA

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Batch Number: 85949 Batch Start Date: 09/13/11 21:17 Batch Analyst: Silva, Jose

Batch Method: 3546 Batch End Date: 09/14/11 01:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_QAMBS 00022	OPQAMMS/SD 00019	OPQAMSU 00018	
MB 460-85949/1		3546, NJ-OQA-QAM-025		15.00 g	1 mL			1 mL	
LCS 460-85949/2		3546, NJ-OQA-QAM-025		15.00 g	1 mL	1 mL		1 mL	
460-30837-F-29 MS	PMP-4-WT-S (7.0-7.5)	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL		1 mL	1 mL	
460-30837-F-29 MSD	PMP-4-WT-S (7.0-7.5)	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL		1 mL	1 mL	
460-30837-F-21	PMP-14-VS-S (0.5-1.0)	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-30837-F-22	PMP-14-VD-S (2.5-3.0)	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-30837-F-23	PMP-14-WT-S (7.0-7.5)	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-30837-F-24	PMP-8-VS-S (0.5-1.0)	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-30837-F-25	PMP-8-VD-S (2.5-3.0)	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-30837-F-26	PMP-8-WT-S (7.0-7.5)	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-30837-F-27	PMP-4-VS-S (0.5-1.0)	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-30837-F-28	PMP-4-VD-S (2.5-3.0)	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-30837-F-29	PMP-4-WT-S (7.0-7.5)	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Batch Number: 85949 Batch Start Date: 09/13/11 21:17 Batch Analyst: Silva, Jose

Batch Method: 3546 Batch End Date: 09/14/11 01:00

Batch Notes	
Balance ID	28
Batch Comment	QAM
Person's name who did the concentration	JS
Final Concentrator Volume	1 mL
MeCL2 Lot #	K24E11
Microwave Start Time	2300
Microwave Stop Time	2330
Na2SO4 Lot Number	K04600
Person's name who did the prep	JS
Person who witnessed spiking	SS

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-30837-1

SDG No.:

Project: Former McCandless Site

Client Sample ID	Lab Sample ID
PMP-2-VD-S (3.5-4.0)	460-30837-1
PMP-2-WT-S (8.0-8.5)	460-30837-2
PMP-2-SI-S (10.5-11.0)	460-30837-3
PMP-24-VS-S (1-3)	460-30837-4
PMP-24-VD-S (4.5-6.0)	460-30837-5
PMP-24-WT-S (6.5-8.5)	460-30837-6
PMP-24-SI-S (10.5-12.5)	460-30837-7
PMP-22-VS-S (1.5-2.0)	460-30837-8
PMP-22-VD-S (3.5-5.0)	460-30837-9
PMP-22-WT-S (7.0-8.5)	460-30837-10
PMP-23-VS-S (1-3)	460-30837-11
PMP-23-WT-S (6.5-8.5)	460-30837-12
PMP-23-VD-S (3.5-5.0)	460-30837-13
PMP-12-VS-S (0.5-1.0)	460-30837-14
PMP-12-VD-S (2.5-3.0)	460-30837-15
PMP-12-WT-S (7.0-7.5)	460-30837-16
Dup_090811	460-30837-17
PMP-25-VS-S (1-3)	460-30837-18
PMP-25-VD-S (3-5)	460-30837-19
PMP-25-WT-S (7.5-9.5)	460-30837-20
PMP-14-VS-S (0.5-1.0)	460-30837-21
PMP-14-VD-S (2.5-3.0)	460-30837-22
PMP-14-WT-S (7.0-7.5)	460-30837-23
PMP-8-VS-S (0.5-1.0)	460-30837-24
PMP-8-VD-S (2.5-3.0)	460-30837-25
PMP-8-WT-S (7.0-7.5)	460-30837-26
PMP-4-VS-S (0.5-1.0)	460-30837-27
PMP-4-VD-S (2.5-3.0)	460-30837-28
PMP-4-WT-S (7.0-7.5)	460-30837-29
FB_090811	460-30837-30
FB_090911	460-30837-31

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-2-VD-S (3.5-4.0) Lab Sample ID: 460-30837-1

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG ID.:

Matrix: Solid Date Sampled: 09/08/2011 16:15

Reporting Basis: WET Date Received: 09/09/2011 14:10

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	100	100	19.7	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-2-WT-S (8.0-8.5) Lab Sample ID: 460-30837-2

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG ID.:

Matrix: Solid Date Sampled: 09/08/2011 16:20

Reporting Basis: WET Date Received: 09/09/2011 14:10

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	22.0	100	19.7	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-2-SI-S (10.5-11.0) Lab Sample ID: 460-30837-3

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG ID.:

Matrix: Solid Date Sampled: 09/08/2011 16:25

Reporting Basis: WET Date Received: 09/09/2011 14:10

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	24.4	100	19.7	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-24-VS-S (1-3) Lab Sample ID: 460-30837-4

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG ID.:

Matrix: Solid Date Sampled: 09/08/2011 16:40

Reporting Basis: WET Date Received: 09/09/2011 14:10

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	23.6	100	19.7	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-24-VD-S (4.5-6.0) Lab Sample ID: 460-30837-5

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG ID.:

Matrix: Solid Date Sampled: 09/08/2011 16:45

Reporting Basis: WET Date Received: 09/09/2011 14:10

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	65.1	100	19.7	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-24-WT-S (6.5-8.5) Lab Sample ID: 460-30837-6

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG ID.:

Matrix: Solid Date Sampled: 09/08/2011 16:55

Reporting Basis: WET Date Received: 09/09/2011 14:10

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	37.8	100	19.7	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-24-SI-S (10.5-12.5) Lab Sample ID: 460-30837-7

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG ID.:

Matrix: Solid Date Sampled: 09/08/2011 17:05

Reporting Basis: WET Date Received: 09/09/2011 14:10

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	33.0	100	19.7	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-22-VS-S (1.5-2.0) Lab Sample ID: 460-30837-8

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG ID.:

Matrix: Solid Date Sampled: 09/08/2011 17:25

Reporting Basis: WET Date Received: 09/09/2011 14:10

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	29.2	100	19.7	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-22-VD-S (3.5-5.0) Lab Sample ID: 460-30837-9

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG ID.:

Matrix: Solid Date Sampled: 09/08/2011 17:30

Reporting Basis: WET Date Received: 09/09/2011 14:10

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	32.9	100	19.7	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-22-WT-S (7.0-8.5) Lab Sample ID: 460-30837-10

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG ID.:

Matrix: Solid Date Sampled: 09/08/2011 17:35

Reporting Basis: WET Date Received: 09/09/2011 14:10

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	100	100	19.7	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-23-VS-S (1-3) Lab Sample ID: 460-30837-11

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG ID.:

Matrix: Solid Date Sampled: 09/08/2011 17:40

Reporting Basis: WET Date Received: 09/09/2011 14:10

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	130	100	19.7	mg/Kg			1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-23-WT-S (6.5-8.5) Lab Sample ID: 460-30837-12

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG ID.:

Matrix: Solid Date Sampled: 09/08/2011 17:50

Reporting Basis: WET Date Received: 09/09/2011 14:10

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	46.2	100	19.7	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-23-VD-S (3.5-5.0) Lab Sample ID: 460-30837-13

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG ID.:

Matrix: Solid Date Sampled: 09/08/2011 17:45

Reporting Basis: WET Date Received: 09/09/2011 14:10

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	46.2	100	19.7	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-12-VS-S (0.5-1.0) Lab Sample ID: 460-30837-14

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG ID.:

Matrix: Solid Date Sampled: 09/09/2011 09:05

Reporting Basis: WET Date Received: 09/09/2011 14:10

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	25.7	100	19.7	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-12-VD-S (2.5-3.0) Lab Sample ID: 460-30837-15

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG ID.:

Matrix: Solid Date Sampled: 09/09/2011 09:10

Reporting Basis: WET Date Received: 09/09/2011 14:10

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	32.4	100	19.7	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-12-WT-S (7.0-7.5) Lab Sample ID: 460-30837-16

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG ID.:

Matrix: Solid Date Sampled: 09/09/2011 09:15

Reporting Basis: WET Date Received: 09/09/2011 14:10

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	29.5	100	19.7	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: Dup_090811 Lab Sample ID: 460-30837-17

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG ID.:

Matrix: Solid Date Sampled: 09/09/2011 00:00

Reporting Basis: WET Date Received: 09/09/2011 14:10

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	23.8	100	19.7	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-25-VS-S (1-3) Lab Sample ID: 460-30837-18

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG ID.:

Matrix: Solid Date Sampled: 09/09/2011 09:35

Reporting Basis: WET Date Received: 09/09/2011 14:10

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	29.7	100	19.7	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-25-VD-S (3-5) Lab Sample ID: 460-30837-19

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG ID.:

Matrix: Solid Date Sampled: 09/09/2011 09:40

Reporting Basis: WET Date Received: 09/09/2011 14:10

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	30.5	100	19.7	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-25-WT-S (7.5-9.5) Lab Sample ID: 460-30837-20

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG ID.:

Matrix: Solid Date Sampled: 09/09/2011 09:45

Reporting Basis: WET Date Received: 09/09/2011 14:10

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	100	100	19.7	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-14-VS-S (0.5-1.0) Lab Sample ID: 460-30837-21

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG ID.:

Matrix: Solid Date Sampled: 09/09/2011 10:00

Reporting Basis: WET Date Received: 09/09/2011 14:10

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	45.5	100	19.7	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-14-VD-S (2.5-3.0) Lab Sample ID: 460-30837-22

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG ID.:

Matrix: Solid Date Sampled: 09/09/2011 10:05

Reporting Basis: WET Date Received: 09/09/2011 14:10

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	100	100	19.7	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-14-WT-S (7.0-7.5) Lab Sample ID: 460-30837-23

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG ID.:

Matrix: Solid Date Sampled: 09/09/2011 10:10

Reporting Basis: WET Date Received: 09/09/2011 14:10

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	29.2	100	19.7	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-8-VS-S (0.5-1.0) Lab Sample ID: 460-30837-24

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG ID.:

Matrix: Solid Date Sampled: 09/09/2011 10:15

Reporting Basis: WET Date Received: 09/09/2011 14:10

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	67.9	100	19.7	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-8-VD-S (2.5-3.0) Lab Sample ID: 460-30837-25

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG ID.:

Matrix: Solid Date Sampled: 09/09/2011 10:20

Reporting Basis: WET Date Received: 09/09/2011 14:10

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	25.1	100	19.7	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-8-WT-S (7.0-7.5) Lab Sample ID: 460-30837-26

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG ID.:

Matrix: Solid Date Sampled: 09/09/2011 10:25

Reporting Basis: WET Date Received: 09/09/2011 14:10

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	45.2	100	19.7	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-4-VS-S (0.5-1.0) Lab Sample ID: 460-30837-27

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG ID.:

Matrix: Solid Date Sampled: 09/09/2011 10:30

Reporting Basis: WET Date Received: 09/09/2011 14:10

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	31.6	100	19.7	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-4-VD-S (2.5-3.0) Lab Sample ID: 460-30837-28

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG ID.:

Matrix: Solid Date Sampled: 09/09/2011 10:35

Reporting Basis: WET Date Received: 09/09/2011 14:10

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	21.8	100	19.7	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-4-WT-S (7.0-7.5) Lab Sample ID: 460-30837-29

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG ID.:

Matrix: Solid Date Sampled: 09/09/2011 10:40

Reporting Basis: WET Date Received: 09/09/2011 14:10

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	28.7	100	19.7	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: FB_090811 Lab Sample ID: 460-30837-30

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG ID.:

Matrix: Water Date Sampled: 09/08/2011 14:00

Reporting Basis: WET Date Received: 09/09/2011 14:10

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	5.0	5.0	1.2	mg/L	U		1	SM 4500 Cl- B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: FB_090911 Lab Sample ID: 460-30837-31

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG ID.:

Matrix: Water Date Sampled: 09/09/2011 07:45

Reporting Basis: WET Date Received: 09/09/2011 14:10

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	5.0	5.0	1.2	mg/L	U		1	SM 4500 Cl- B

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Analyst: MB Batch Start Date: 09/28/2011

Reporting Units: mg/L Analytical Batch No.: 87534

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
1	ICV	09:14	Chloride	50.91	50.0	102	90-110		WTchlss1_00008
2	ICB	09:14	Chloride	1.74				J	
3	CCV	09:30	Chloride	49.16	50.0	98	90-110		WTchlss1_00008
4	CCB	09:30	Chloride	5.0				U	
15	CCV	09:33	Chloride	50.33	50.0	101	90-110		WTchlss1_00008
16	CCB	09:33	Chloride	1.13				J	
21	CCV	09:34	Chloride	50.19	50.0	100	90-110		WTchlss1_00008
22	CCB	09:34	Chloride	1.05				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.: 460-30837-1

SDG No.:

Analyst: MB Batch Start Date: 09/28/2011

Reporting Units: mg/L Analytical Batch No.: 87538

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
1	ICV	09:59	Chloride	50.46	50.0	101	90-110		WTchlss1_00008
2	ICB	09:59	Chloride	1.59				J	
3	CCV	10:11	Chloride	49.48	50.0	99	90-110		WTchlss1_00008
4	CCB	10:11	Chloride	5.0				U	
15	CCV	10:14	Chloride	49.83	50.0	100	90-110		WTchlss1_00008
16	CCB	10:14	Chloride	5.0				U	
21	CCV	10:16	Chloride	50.15	50.0	100	90-110		WTchlss1_00008
22	CCB	10:16	Chloride	0.985				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.: 460-30837-1

SDG No.:

Analyst: MB Batch Start Date: 09/28/2011

Reporting Units: mg/L Analytical Batch No.: 87551

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
1	ICV	10:42	Chloride	50.93	50.0	102	90-110		WTchlss1_00008
2	ICB	10:42	Chloride	1.52				J	
3	CCV	11:02	Chloride	49.90	50.0	100	90-110		WTchlss1_00008
4	CCB	11:02	Chloride	5.0				U	
15	CCV	11:06	Chloride	50.11	50.0	100	90-110		WTchlss1_00008
16	CCB	11:06	Chloride	5.0				U	
21	CCV	11:07	Chloride	50.68	50.0	101	90-110		WTchlss1_00008
22	CCB	11:07	Chloride	5.0				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.: 460-30837-1

SDG No.:

Analyst: MB Batch Start Date: 09/28/2011

Reporting Units: mg/L Analytical Batch No.: 87571

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
1	ICV	11:36	Chloride	50.88	50.0	102	90-110		WTchlss1_00008
2	ICB	11:36	Chloride	1.54				J	
3	CCV	12:11	Chloride	50.25	50.0	100	90-110		WTchlss1_00008
4	CCB	12:11	Chloride	1.13				J	
15	CCV	12:14	Chloride	50.58	50.0	101	90-110		WTchlss1_00008
16	CCB	12:14	Chloride	5.0				U	
21	CCV	12:16	Chloride	51.32	50.0	103	90-110		WTchlss1_00008
22	CCB	12:16	Chloride	0.980				J	

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.: 460-30837-1

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 85926	Date: 09/13/2011 15:00						
SM 4500 Cl- B	MB 460-85926/1	Chloride	5.0	U	mg/L	5.0	1
Batch ID: 87534	Date: 09/28/2011 09:30						
SM 4500 Cl- E	MB 460-87534/5	Chloride	5.0	U	mg/Kg	5.0	1
Batch ID: 87538	Date: 09/28/2011 10:11						
SM 4500 Cl- E	MB 460-87538/5	Chloride	5.0	U	mg/Kg	5.0	1
Batch ID: 87551	Date: 09/28/2011 11:02						
SM 4500 Cl- E	MB 460-87551/5	Chloride	5.0	U	mg/Kg	5.0	1
Batch ID: 87571	Date: 09/28/2011 12:11						
SM 4500 Cl- E	MB 460-87571/5	Chloride	5.0	U	mg/Kg	5.0	1

3-IN
TCLP SPLPE LEACHATE BLANK
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 87534	Date: 09/28/2011 09:30						
SM 4500 Cl- E	LB 460-87310/1-A	Chloride	5.0	U	mg/Kg	5.0	1
Batch ID: 87538	Date: 09/28/2011 10:11						
SM 4500 Cl- E	LB 460-87310/1-A	Chloride	5.0	U	mg/Kg	5.0	1
Batch ID: 87551	Date: 09/28/2011 11:02						
SM 4500 Cl- E	LB 460-87403/1-A	Chloride	5.0	U	mg/Kg	5.0	1
Batch ID: 87571	Date: 09/28/2011 12:11						
SM 4500 Cl- E	LB 460-87310/1-A	Chloride	5.0	U	mg/Kg	5.0	1

5-IN
MATRIX SPIKE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 87534	Date: 09/28/2011 09:33										
SM 4500 Cl- E	460-30837-1	Chloride	100	U	mg/Kg						
SM 4500 Cl- E MS	460-30837-1	Chloride	1007		mg/Kg	1000	101	80-120			
Batch ID: 87538	Date: 09/28/2011 10:14										
SM 4500 Cl- E	460-30837-10	Chloride	100	U	mg/Kg						
SM 4500 Cl- E MS	460-30837-10	Chloride	996.8		mg/Kg	1000	100	80-120			
Batch ID: 87551	Date: 09/28/2011 11:06										
SM 4500 Cl- E	460-30837-22	Chloride	100	U	mg/Kg						
SM 4500 Cl- E MS	460-30837-22	Chloride	991.3		mg/Kg	1000	99	80-120			
Batch ID: 87571	Date: 09/28/2011 12:14										
SM 4500 Cl- E	460-30837-20	Chloride	100	U	mg/Kg						
SM 4500 Cl- E MS	460-30837-20	Chloride	1013		mg/Kg	1000	101	80-120			

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.: 460-30837-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 85926 Date: 09/13/2011 15:00											
SM 4500 Cl- B	460-30495-A-1	Chloride	17.0		mg/L						
SM 4500 Cl- B	460-30495-A-1 MS	Chloride	42.50		mg/L	25.0	102	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.: 460-30837-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 87534	Date: 09/28/2011 09:33										
SM 4500 Cl- E	460-30837-1 MSD	Chloride	1009		mg/Kg	1000	101	80-120	0	10	
Batch ID: 87538	Date: 09/28/2011 10:14										
SM 4500 Cl- E	460-30837-10 MSD	Chloride	1000		mg/Kg	1000	100	80-120	0	10	
Batch ID: 87551	Date: 09/28/2011 11:06										
SM 4500 Cl- E	460-30837-22 MSD	Chloride	994.3		mg/Kg	1000	99	80-120	0	10	
Batch ID: 87571	Date: 09/28/2011 12:14										
SM 4500 Cl- E	460-30837-20 MSD	Chloride	1014		mg/Kg	1000	101	80-120	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.: 460-30837-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 85926 Date: 09/13/2011 15:00											
SM 4500 Cl- B	460-30495-A-1 MSD	Chloride	42.50		mg/L	25.0	102	90-110	0.0	10.0	

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

FORM V-IN

7A-IN
LAB CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 85926	Date: 09/13/2011 15:00										
						LCS Source:	WTchlLCS_00022				
SM 4500 Cl- B	LCS 460-85926/2	Chloride	89.98		mg/L	91.5	98	85-115			
Batch ID: 87534	Date: 09/28/2011 09:30										
						LCS Source:	WTchlLCS_00022				
SM 4500 Cl- E	LCS 460-87534/6	Chloride	88.29		mg/Kg	91.5	96	85-115			
Batch ID: 87538	Date: 09/28/2011 10:11										
						LCS Source:	WTchlLCS_00022				
SM 4500 Cl- E	LCS 460-87538/6	Chloride	88.88		mg/Kg	91.5	97	85-115			
Batch ID: 87551	Date: 09/28/2011 11:02										
						LCS Source:	WTchlLCS_00022				
SM 4500 Cl- E	LCS 460-87551/6	Chloride	89.72		mg/Kg	91.5	98	85-115			
Batch ID: 87571	Date: 09/28/2011 12:11										
						LCS Source:	WTchlLCS_00022				
SM 4500 Cl- E	LCS 460-87571/6	Chloride	90.68		mg/Kg	91.5	99	85-115			

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: 460-30837-1

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Method: SM 4500 Cl- B MDL Date: 12/21/2008 19:38

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Chloride		5	1.18

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-30837-1

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Method: SM 4500 Cl- B XMDL Date: 12/21/2008 19:42

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Chloride		5	1.18

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-30837-1

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: 460-30837-1

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: 460-30837-1

SDG Number:

Matrix: Solid Instrument ID: Konelab1

Method: SM 4500 Cl- E MDL Date: 12/08/2008 17:19

Leach Method: D3987-85

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Chloride		100	19.68

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY - ASTM

Lab Name: TestAmerica Edison Job Number: 460-30837-1

SDG Number:

Matrix: Solid Instrument ID: Konelab1

Method: SM 4500 Cl- E XMDL Date: 12/21/2008 20:13

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Chloride		5	0.984

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Instrument ID: NOEQUIP Method: SM 4500 Cl- B

Start Date: 09/13/2011 15:00 End Date: 09/13/2011 15:00

Lab Sample ID	D / F	Type	Time	Analytes																			
				Cl-																			
MB 460-85926/1	1	T	15:00	X																			
LCS 460-85926/2	2	T	15:00	X																			
ZZZZZZ			15:00																				
460-30495-A-1 MS	1	T	15:00	X																			
460-30495-A-1 MSD	1	T	15:00	X																			
ZZZZZZ			15:00																				
ZZZZZZ			15:00																				
ZZZZZZ			15:00																				
ZZZZZZ			15:00																				
ZZZZZZ			15:00																				
ZZZZZZ			15:00																				
460-30837-30	1	T	15:00	X																			
460-30837-31	1	T	15:00	X																			

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 09/13/2011 13:58 End Date: 09/14/2011 02:32

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			13:58																					
ZZZZZZ			13:58																					
ZZZZZZ			13:58																					
ZZZZZZ			13:58																					
ZZZZZZ			13:58																					
ZZZZZZ			13:58																					
460-30837-1	1	T	13:58	X	X																			
460-30837-2	1	T	13:58	X	X																			
460-30837-3	1	T	13:58	X	X																			
460-30837-4	1	T	13:58	X	X																			
460-30837-5	1	T	13:58	X	X																			
460-30837-6	1	T	13:58	X	X																			
460-30837-7	1	T	13:58	X	X																			
460-30837-8	1	T	13:58	X	X																			
460-30837-9	1	T	13:58	X	X																			
460-30837-10	1	T	13:58	X	X																			
460-30837-11	1	T	13:58	X	X																			
460-30837-12	1	T	13:58	X	X																			
460-30837-13	1	T	13:58	X	X																			
460-30837-14	1	T	13:58	X	X																			
460-30837-14 DU	1	T	13:58	X	X																			
460-30837-15	1	T	13:58	X	X																			
460-30837-16	1	T	13:58	X	X																			
460-30837-17	1	T	13:58	X	X																			
460-30837-18	1	T	13:58	X	X																			
460-30837-19	1	T	13:58	X	X																			
460-30837-20	1	T	13:58	X	X																			
460-30837-21	1	T	13:58	X	X																			
460-30837-22	1	T	13:58	X	X																			
460-30837-23	1	T	13:58	X	X																			
460-30837-24	1	T	13:58	X	X																			
460-30837-25	1	T	14:38	X	X																			
460-30837-26	1	T	14:38	X	X																			
460-30837-27	1	T	14:38	X	X																			
460-30837-28	1	T	14:38	X	X																			
460-30837-29	1	T	14:38	X	X																			
ZZZZZZ			14:38																					
ZZZZZZ			14:38																					
ZZZZZZ			14:38																					
ZZZZZZ			14:38																					
ZZZZZZ			14:38																					
ZZZZZZ			14:38																					

ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 09/13/2011 13:58 End Date: 09/14/2011 02:32

				Analytes	
Lab Sample ID	D/F	Type	Time	%Sol	Moist
ZZZZZZ			14:38		
ZZZZZZ			14:38		
ZZZZZZ			14:38		
ZZZZZZ			14:38		
ZZZZZZ			14:38		
ZZZZZZ			14:38		
ZZZZZZ			14:38		
ZZZZZZ			15:38		
ZZZZZZ			15:38		
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ZZZZZZ			15:38		
ZZZZZZ			15:38		
ZZZZZZ			15:38		
ZZZZZZ			16:06		
ZZZZZZ			16:06		
ZZZZZZ			16:06		
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ZZZZZZ			16:06		
ZZZZZZ			16:06		
ZZZZZZ			16:06		
ZZZZZZ			16:06		

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison   Job No.: 460-30837-1

SDG No.:

Instrument ID: NOEQUIP   Method: Moisture

Start Date: 09/13/2011 13:58   End Date: 09/14/2011 02:32

Lab Sample ID	D/F	Type	Time	Analytes: %Sol	Moist
ZZZZZZ			16:06		
ZZZZZZ			00:40		
ZZZZZZ			00:40		
ZZZZZZ			00:40		
ZZZZZZ			00:40		
ZZZZZZ			00:40		
ZZZZZZ			00:40		
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 09/13/2011 13:58 End Date: 09/14/2011 02:32

Lab Sample ID	D/F	Type	Time	Analytes	
				%Sol	Moist
ZZZZZZ			00:40		
ZZZZZZ			00:40		
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison

Job No.: 460-30837-1

SDG No.:

Instrument ID: NOEQUIP

Method: Moisture

Start Date: 09/13/2011 13:58

End Date: 09/14/2011 02:32

Lab Sample ID	D/F	Type	Time	Analytes																			
				%Sol	Moist																		
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison

Job No.: 460-30837-1

SDG No.:

Instrument ID: NOEQUIP

Method: Moisture

Start Date: 09/13/2011 13:58

End Date: 09/14/2011 02:32

Lab Sample ID	D/F	Type	Time	Analytes																			
				%Sol	Moist																		
ZZZZZZ			02:32																				
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Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Instrument ID: Konelab1 Method: SM 4500 Cl- E

Start Date: 09/28/2011 09:14 End Date: 09/28/2011 09:34

Lab Sample ID	D / F	Type	Time	Analytes																			
				Cl-																			
ICV 460-87534/1	1		09:14	X																			
ICB 460-87534/2	1		09:14	X																			
CCV 460-87534/3	1		09:30	X																			
CCB 460-87534/4	1		09:30	X																			
MB 460-87534/5	1	T	09:30	X																			
LCS 460-87534/6	1	T	09:30	X																			
LB 460-87310/1-A	1	Y	09:30	X																			
460-30837-1	1	Y	09:30	X																			
460-30837-2	1	Y	09:30	X																			
460-30837-3	1	Y	09:30	X																			
460-30837-4	1	Y	09:30	X																			
460-30837-5	1	Y	09:30	X																			
460-30837-6	1	Y	09:30	X																			
460-30837-7	1	Y	09:30	X																			
CCV 460-87534/15	1		09:33	X																			
CCB 460-87534/16	1		09:33	X																			
460-30837-8	1	Y	09:33	X																			
460-30837-9	1	Y	09:33	X																			
460-30837-1 MS	1	Y	09:33	X																			
460-30837-1 MSD	1	Y	09:33	X																			
CCV 460-87534/21	1		09:34	X																			
CCB 460-87534/22	1		09:34	X																			

Prep Types

T = Total/NA

Y = ASTM

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Instrument ID: Konelab1 Method: SM 4500 Cl- E

Start Date: 09/28/2011 09:59 End Date: 09/28/2011 10:16

Lab Sample ID	D / F	Type	Time	Analytes																			
				CL-																			
ICV 460-87538/1	1		09:59	X																			
ICB 460-87538/2	1		09:59	X																			
CCV 460-87538/3	1		10:11	X																			
CCB 460-87538/4	1		10:11	X																			
MB 460-87538/5	1	T	10:11	X																			
LCS 460-87538/6	1	T	10:11	X																			
LB 460-87310/1-A	1	Y	10:11	X																			
460-30837-10	1	Y	10:11	X																			
460-30837-11	1	Y	10:11	X																			
460-30837-12	1	Y	10:11	X																			
460-30837-13	1	Y	10:11	X																			
460-30837-14	1	Y	10:11	X																			
460-30837-15	1	Y	10:11	X																			
460-30837-16	1	Y	10:11	X																			
CCV 460-87538/15	1		10:14	X																			
CCB 460-87538/16	1		10:14	X																			
460-30837-17	1	Y	10:14	X																			
460-30837-18	1	Y	10:14	X																			
460-30837-10 MS	1	Y	10:14	X																			
460-30837-10 MSD	1	Y	10:14	X																			
CCV 460-87538/21	1		10:16	X																			
CCB 460-87538/22	1		10:16	X																			

Prep Types

T = Total/NA

Y = ASTM

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Instrument ID: Konelab1 Method: SM 4500 Cl- E

Start Date: 09/28/2011 10:42 End Date: 09/28/2011 11:07

Lab Sample ID	D / F	Type	Time	Analytes																			
				CL-																			
ICV 460-87551/1	1		10:42	X																			
ICB 460-87551/2	1		10:42	X																			
CCV 460-87551/3	1		11:02	X																			
CCB 460-87551/4	1		11:02	X																			
MB 460-87551/5	1	T	11:02	X																			
LCS 460-87551/6	1	T	11:02	X																			
LB 460-87403/1-A	1	Y	11:02	X																			
460-30837-21	1	Y	11:02	X																			
460-30837-22	1	Y	11:02	X																			
460-30837-23	1	Y	11:02	X																			
460-30837-24	1	Y	11:03	X																			
460-30837-25	1	Y	11:03	X																			
460-30837-26	1	Y	11:03	X																			
460-30837-27	1	Y	11:03	X																			
CCV 460-87551/15	1		11:06	X																			
CCB 460-87551/16	1		11:06	X																			
460-30837-28	1	Y	11:06	X																			
460-30837-29	1	Y	11:06	X																			
460-30837-22 MS	1	Y	11:06	X																			
460-30837-22 MSD	1	Y	11:06	X																			
CCV 460-87551/21	1		11:07	X																			
CCB 460-87551/22	1		11:07	X																			

Prep Types

T = Total/NA

Y = ASTM

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Instrument ID: Konelab1 Method: SM 4500 Cl- E

Start Date: 09/28/2011 11:36 End Date: 09/28/2011 12:28

Lab Sample ID	D / F	Type	Time	Analytes																			
				CL-																			
ICV 460-87571/1	1		11:36	X																			
ICB 460-87571/2	1		11:36	X																			
CCV 460-87571/3	1		12:11	X																			
CCB 460-87571/4	1		12:11	X																			
MB 460-87571/5	1	T	12:11	X																			
LCS 460-87571/6	1	T	12:11	X																			
LB 460-87310/1-A	1	Y	12:11	X																			
460-30837-19	1	Y	12:11	X																			
460-30837-20	1	Y	12:11	X																			
ZZZZZZ			12:11																				
ZZZZZZ			12:11																				
ZZZZZZ			12:11																				
ZZZZZZ			12:11																				
ZZZZZZ			12:11																				
CCV 460-87571/15	1		12:14	X																			
CCB 460-87571/16	1		12:14	X																			
ZZZZZZ			12:14																				
ZZZZZZ			12:14																				
460-30837-20 MS	1	Y	12:14	X																			
460-30837-20 MSD	1	Y	12:14	X																			
CCV 460-87571/21	1		12:16	X																			
CCB 460-87571/22	1		12:16	X																			
CCV 460-87571/23			12:26																				
CCB 460-87571/24			12:26																				
ZZZZZZ			12:26																				
CCV 460-87571/26			12:28																				
CCB 460-87571/27			12:28																				

Prep Types

T = Total/NA

Y = ASTM

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Batch Number: 85926 Batch Start Date: 09/13/11 15:00 Batch Analyst: Vu, Huan

Batch Method: SM 4500 Cl- B Batch End Date: 09/13/11 16:35

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	WTchlLCS 00022	WTchlSP1 00007	AnalysisComment		
MB 460-85926/1		SM 4500 Cl-B		100 mL			B-2001-11 : .0141 N AgNO3 exp;01/14/12		
LCS 460-85926/2		SM 4500 Cl-B		100 mL	50 mL		B-1906-11 : K2CrO4 exp;10/12/11		
460-30495-A-1 MS		SM 4500 Cl-B	T	100 mL		2.5 mL			
460-30495-A-1 MSD		SM 4500 Cl-B	T	100 mL		2.5 mL			
460-30837-C-30	FB_090811	SM 4500 Cl-B	T	100 mL					
460-30837-C-31	FB_090911	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.: 460-30837-1

SDG No.:

Batch Number: 85914 Batch Start Date: 09/13/11 13:58 Batch Analyst: Armbruster, Chris

Batch Method: Moisture Batch End Date: 09/14/11 11:29

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-30837-F-1	PMP-2-VD-S (3.5-4.0)	Moisture	T	304	1.00 g	6.21 g	5.89 g		
460-30837-F-2	PMP-2-WT-S (8.0-8.5)	Moisture	T	305	1.02 g	6.72 g	6.01 g		
460-30837-F-3	PMP-2-SI-S (10.5-11.0)	Moisture	T	306	1.03 g	6.23 g	5.44 g		
460-30837-F-4	PMP-24-VS-S (1-3)	Moisture	T	307	1.01 g	6.95 g	6.55 g		
460-30837-F-5	PMP-24-VD-S (4.5-6.0)	Moisture	T	308	1.01 g	6.49 g	5.96 g		
460-30837-A-6	PMP-24-WT-S (6.5-8.5)	Moisture	T	309	1.04 g	5.94 g	5.25 g		
460-30837-A-7	PMP-24-SI-S (10.5-12.5)	Moisture	T	310	1.05 g	6.41 g	5.69 g		
460-30837-F-8	PMP-22-VS-S (1.5-2.0)	Moisture	T	311	1.01 g	6.67 g	6.35 g		
460-30837-F-9	PMP-22-VD-S (3.5-5.0)	Moisture	T	312	0.98 g	6.01 g	5.75 g		
460-30837-F-10	PMP-22-WT-S (7.0-8.5)	Moisture	T	313	1.01 g	6.13 g	5.30 g		
460-30837-F-11	PMP-23-VS-S (1-3)	Moisture	T	314	1.00 g	6.95 g	6.67 g		
460-30837-F-12	PMP-23-WT-S (6.5-8.5)	Moisture	T	11	1.04 g	6.62 g	5.94 g		
460-30837-F-13	PMP-23-VD-S (3.5-5.0)	Moisture	T	145	1.00 g	6.14 g	5.95 g		
460-30837-F-14	PMP-12-VS-S (0.5-1.0)	Moisture	T	148	1.00 g	6.35 g	6.04 g		
460-30837-F-14 DU	PMP-12-VS-S (0.5-1.0)	Moisture	T	599	1.04 g	6.15 g	5.85 g		
460-30837-F-15	PMP-12-VD-S (2.5-3.0)	Moisture	T	600	1.01 g	6.27 g	6.07 g		
460-30837-F-16	PMP-12-WT-S (7.0-7.5)	Moisture	T	601	0.98 g	6.78 g	6.09 g		
460-30837-F-17	Dup_090811	Moisture	T	602	1.01 g	6.78 g	6.15 g		
460-30837-A-18	PMP-25-VS-S (1-3)	Moisture	T	603	1.02 g	6.63 g	6.23 g		
460-30837-A-19	PMP-25-VD-S (3-5)	Moisture	T	604	1.04 g	6.39 g	5.68 g		
460-30837-A-20	PMP-25-WT-S (7.5-9.5)	Moisture	T	605	1.05 g	6.61 g	5.93 g		
460-30837-F-21	PMP-14-VS-S (0.5-1.0)	Moisture	T	606	1.04 g	6.56 g	6.34 g		
460-30837-F-22	PMP-14-VD-S (2.5-3.0)	Moisture	T	607	1.01 g	6.30 g	6.11 g		

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Batch Number: 85914 Batch Start Date: 09/13/11 13:58 Batch Analyst: Armbruster, Chris

Batch Method: Moisture Batch End Date: 09/14/11 11:29

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-30837-F-23	PMP-14-WT-S (7.0-7.5)	Moisture	T	608	1.01 g	6.26 g	5.67 g		
460-30837-F-24	PMP-8-VS-S (0.5-1.0)	Moisture	T	609	1.01 g	6.40 g	6.10 g		
460-30837-F-25	PMP-8-VD-S (2.5-3.0)	Moisture	T	610	1.01 g	6.14 g	5.95 g		
460-30837-F-26	PMP-8-WT-S (7.0-7.5)	Moisture	T	611	1.01 g	6.76 g	6.05 g		
460-30837-A-27	PMP-4-VS-S (0.5-1.0)	Moisture	T	612	1.04 g	6.45 g	6.02 g		
460-30837-A-28	PMP-4-VD-S (2.5-3.0)	Moisture	T	613	1.02 g	6.51 g	6.29 g		
460-30837-F-29	PMP-4-WT-S (7.0-7.5)	Moisture	T	614	1.01 g	6.60 g	5.88 g		

Batch Notes	
Balance ID	104 No Unit
Date samples were placed in the oven	9/13/11
Oven Temp when samples are put in oven	105, 106 Degrees C
Date samples were removed from oven	9/14/11
Oven Temp when samples removed from oven	100, 101 Degrees C
Time Samples were removed from oven	10:31
Oven ID	1, 2
ID number of the thermometer	1895, 1840

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Batch Number: 87310 Batch Start Date: 09/26/11 17:00 Batch Analyst: Carlone, John

Batch Method: D3987-85 Batch End Date: 09/27/11 11:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	AnalysisComment			
LB 460-87310/1		D3987-85, SM 4500 Cl- E			700 mL	samples tumbled in 1L plastic container; pH=5.77 measured on 9/27/11 @1150			
460-30837-A-1	PMP-2-VD-S (3.5-4.0)	D3987-85, SM 4500 Cl- E	Y	35 g	700 mL	samples tumbled in 1L plastic container; pH= 5.77 measured on 9/27/11 @1151			
460-30837-A-2	PMP-2-WT-S (8.0-8.5)	D3987-85, SM 4500 Cl- E	Y	35 g	700 mL	samples tumbled in 1L plastic container; pH= 5.65 measured on 9/27/11 @1152			
460-30837-A-3	PMP-2-SI-S (10.5-11.0)	D3987-85, SM 4500 Cl- E	Y	35 g	700 mL	samples tumbled in 1L plastic container; pH= 5.52 measured on 9/27/11 @1152			
460-30837-A-4	PMP-24-VS-S (1-3)	D3987-85, SM 4500 Cl- E	Y	35 g	700 mL	samples tumbled in 1L plastic container; pH= 7.19 measured on 9/27/11 @1153			
460-30837-A-5	PMP-24-VD-S (4.5-6.0)	D3987-85, SM 4500 Cl- E	Y	35 g	700 mL	samples tumbled in 1L plastic container; pH= 6.95 measured on 9/27/11 @1153			
460-30837-A-6	PMP-24-WT-S (6.5-8.5)	D3987-85, SM 4500 Cl- E	Y	35 g	700 mL	samples tumbled in 1L plastic container; pH= 6.26 measured on 9/27/11 @1154			

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Batch Number: 87310 Batch Start Date: 09/26/11 17:00 Batch Analyst: Carlone, John

Batch Method: D3987-85 Batch End Date: 09/27/11 11:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	AnalysisComment			
460-30837-A-7	PMP-24-SI-S (10.5-12.5)	D3987-85, SM 4500 Cl- E	Y	35 g	700 mL	samples tumbled in 1L plastic container; pH=5.75 measured on 9/27/11 @1155			
460-30837-A-8	PMP-22-VS-S (1.5-2.0)	D3987-85, SM 4500 Cl- E	Y	35 g	700 mL	samples tumbled in 1L plastic container; pH= 6.99 measured on 9/27/11 @1155			
460-30837-A-9	PMP-22-VD-S (3.5-5.0)	D3987-85, SM 4500 Cl- E	Y	35 g	700 mL	samples tumbled in 1L plastic container; pH= 6.29 measured on 9/27/11 @1156			
460-30837-A-10	PMP-22-WT-S (7.0-8.5)	D3987-85, SM 4500 Cl- E	Y	35 g	700 mL	samples tumbled in 1L plastic container; pH= 6.15 measured on 9/27/11 @1156			
460-30837-A-11	PMP-23-VS-S (1-3)	D3987-85, SM 4500 Cl- E	Y	35 g	700 mL	samples tumbled in 1L plastic container; pH= 5.43 measured on 9/27/11 @1157			
460-30837-A-12	PMP-23-WT-S (6.5-8.5)	D3987-85, SM 4500 Cl- E	Y	35 g	700 mL	samples tumbled in 1L plastic container; pH= 5.82 measured on 9/27/11 @1157			
460-30837-A-13	PMP-23-VD-S (3.5-5.0)	D3987-85, SM 4500 Cl- E	Y	35 g	700 mL	samples tumbled in 1L plastic container; pH= 4.99 measured on 9/27/11 @1158			

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Batch Number: 87310 Batch Start Date: 09/26/11 17:00 Batch Analyst: Carlone, John

Batch Method: D3987-85 Batch End Date: 09/27/11 11:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	AnalysisComment			
460-30837-A-14	PMP-12-VS-S (0.5-1.0)	D3987-85, SM 4500 Cl- E	Y	35 g	700 mL	samples tumbled in 1L plastic container; pH= 5.58 measured on 9/27/11 @1158			
460-30837-A-15	PMP-12-VD-S (2.5-3.0)	D3987-85, SM 4500 Cl- E	Y	35 g	700 mL	samples tumbled in 1L plastic container; pH= 5.01 measured on 9/27/11 @1159			
460-30837-A-16	PMP-12-WT-S (7.0-7.5)	D3987-85, SM 4500 Cl- E	Y	35 g	700 mL	samples tumbled in 1L plastic container; pH= 5.40 measured on 9/27/11 @1159			
460-30837-A-17	Dup_090811	D3987-85, SM 4500 Cl- E	Y	35 g	700 mL	samples tumbled in 1L plastic container; pH= 5.92 measured on 9/27/11 @1200			
460-30837-A-18	PMP-25-VS-S (1-3)	D3987-85, SM 4500 Cl- E	Y	35 g	700 mL	samples tumbled in 1L plastic container; pH= 5.82 measured on 9/27/11 @1200			
460-30837-A-19	PMP-25-VD-S (3-5)	D3987-85, SM 4500 Cl- E	Y	35 g	700 mL	samples tumbled in 1L plastic container; pH= 5.85 measured on 9/27/11 @1201			
460-30837-A-20	PMP-25-WT-S (7.5-9.5)	D3987-85, SM 4500 Cl- E	Y	35 g	700 mL	samples tumbled in 1L plastic container; pH=7.03 measured on 9/27/11 @1201			

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Batch Number: 87310 Batch Start Date: 09/26/11 17:00 Batch Analyst: Carlone, John

Batch Method: D3987-85 Batch End Date: 09/27/11 11:00

Batch Notes	
Balance ID	51
Batch Comment	rpm-29

Basis	Basis Description
Y	ASTM

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Batch Number: 87403 Batch Start Date: 09/27/11 12:30 Batch Analyst: Earomirski, Laura

Batch Method: D3987-85 Batch End Date: 09/28/11 06:29

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	AnalysisComment			
LB 460-87403/1		D3987-85, SM 4500 Cl- E			700 mL	samples tumbled in 1L plastic container; pH=5.96 measured on 9/28/11 @1105			
460-30837-A-21	PMP-14-VS-S (0.5-1.0)	D3987-85, SM 4500 Cl- E	Y	35 g	700 mL	samples tumbled in 1L plastic container; pH=8.70 measured on 9/28/11 @1105			
460-30837-A-22	PMP-14-VD-S (2.5-3.0)	D3987-85, SM 4500 Cl- E	Y	35 g	700 mL	samples tumbled in 1L plastic container; pH=8.28 measured on 9/28/11 @1106			
460-30837-A-23	PMP-14-WT-S (7.0-7.5)	D3987-85, SM 4500 Cl- E	Y	35 g	700 mL	samples tumbled in 1L plastic container; pH=8.84 measured on 9/28/11 @1107			
460-30837-A-24	PMP-8-VS-S (0.5-1.0)	D3987-85, SM 4500 Cl- E	Y	35 g	700 mL	samples tumbled in 1L plastic container; pH=8.69 measured on 9/28/11 @1107			
460-30837-A-25	PMP-8-VD-S (2.5-3.0)	D3987-85, SM 4500 Cl- E	Y	35 g	700 mL	samples tumbled in 1L plastic container; pH=9.59 measured on 9/28/11 @1108			
460-30837-A-26	PMP-8-WT-S (7.0-7.5)	D3987-85, SM 4500 Cl- E	Y	35 g	700 mL	samples tumbled in 1L plastic container; pH=7.96 measured on 9/28/11 @1108			

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Batch Number: 87403 Batch Start Date: 09/27/11 12:30 Batch Analyst: Earomirski, Laura

Batch Method: D3987-85 Batch End Date: 09/28/11 06:29

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	AnalysisComment			
460-30837-A-27	PMP-4-VS-S (0.5-1.0)	D3987-85, SM 4500 Cl- E	Y	35 g	700 mL	samples tumbled in 1L plastic container; pH=9.26 measured on 9/28/11 @1109			
460-30837-A-28	PMP-4-VD-S (2.5-3.0)	D3987-85, SM 4500 Cl- E	Y	35 g	700 mL	samples tumbled in 1L plastic container; pH=8.80 measured on 9/28/11 @1110			
460-30837-A-29	PMP-4-WT-S (7.0-7.5)	D3987-85, SM 4500 Cl- E	Y	35 g	700 mL	samples tumbled in 1L plastic container; pH=8.88 measured on 9/28/11 @1111			

Batch Notes	
Balance ID	51
Batch Comment	rpm=29

Basis	Basis Description
Y	ASTM

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Batch Number: 87534 Batch Start Date: 09/28/11 09:14 Batch Analyst: Cabanganan, Maria

Batch Method: SM 4500 Cl- E Batch End Date: 09/28/11 09:34

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	WTchlLCS 00022	WTchlSP1 00007	WTchlss1 00008		
ICV 460-87534/1		SM 4500 Cl-E		50 mL			2.5 mL		
CCV 460-87534/3		SM 4500 Cl-E		50 mL			2.5 mL		
LCS 460-87534/6		SM 4500 Cl-E		50 mL	50 mL				
CCV 460-87534/15		SM 4500 Cl-E		50 mL			2.5 mL		
460-30837-A-1-A MS	PMP-2-VD-S (3.5-4.0)	SM 4500 Cl-E	Y	50 mL		2.5 mL			
460-30837-A-1-A MSD	PMP-2-VD-S (3.5-4.0)	SM 4500 Cl-E	Y	50 mL		2.5 mL			
CCV 460-87534/21		SM 4500 Cl-E		50 mL			2.5 mL		

Batch Notes	
Batch Comment	Cal. curve: B(02230-02236)11 exp. 09/29/11
Color Reagent ID Number	C-7149-11 exp. 11/31/11

Basis	Basis Description
Y	ASTM

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Batch Number: 87538 Batch Start Date: 09/28/11 09:59 Batch Analyst: Cabanganan, Maria

Batch Method: SM 4500 Cl- E Batch End Date: 09/28/11 10:16

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	WTchlLCS 00022	WTchlSP1 00007	WTchlss1 00008		
ICV 460-87538/1		SM 4500 Cl-E		50 mL			2.5 mL		
CCV 460-87538/3		SM 4500 Cl-E		50 mL			2.5 mL		
LCS 460-87538/6		SM 4500 Cl-E		50 mL	50 mL				
CCV 460-87538/15		SM 4500 Cl-E		50 mL			2.5 mL		
460-30837-A-10-A MS	PMP-22-WT-S (7.0-8.5)	SM 4500 Cl-E	Y	50 mL		2.5 mL			
460-30837-A-10-A MSD	PMP-22-WT-S (7.0-8.5)	SM 4500 Cl-E	Y	50 mL		2.5 mL			
CCV 460-87538/21		SM 4500 Cl-E		50 mL			2.5 mL		

Batch Notes	
Batch Comment	Cal. curve: B(02230-02236)11 exp.09/29/11
Color Reagent ID Number	C-7149-11 exp. 11/31/11

Basis	Basis Description
Y	ASTM

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Batch Number: 87551 Batch Start Date: 09/28/11 10:42 Batch Analyst: Cabanganan, Maria

Batch Method: SM 4500 Cl- E Batch End Date: 09/28/11 11:07

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	WTchlLCS 00022	WTchlSP1 00007	WTchlss1 00008		
ICV 460-87551/1		SM 4500 Cl-E		50 mL			2.5 mL		
CCV 460-87551/3		SM 4500 Cl-E		50 mL			2.5 mL		
LCS 460-87551/6		SM 4500 Cl-E		50 mL	50 mL				
CCV 460-87551/15		SM 4500 Cl-E		50 mL			2.5 mL		
460-30837-A-22-A MS	PMP-14-VD-S (2.5-3.0)	SM 4500 Cl-E	Y	50 mL		2.5 mL			
460-30837-A-22-A MSD	PMP-14-VD-S (2.5-3.0)	SM 4500 Cl-E	Y	50 mL		2.5 mL			
CCV 460-87551/21		SM 4500 Cl-E		50 mL			2.5 mL		

Batch Notes	
Batch Comment	Cal. curve: B(02230-02236)11 exp. 09/29/11
Color Reagent ID Number	C-7149-11 exp. 11/31/11

Basis	Basis Description
Y	ASTM

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-30837-1

SDG No.:

Batch Number: 87571 Batch Start Date: 09/28/11 11:36 Batch Analyst: Cabanganan, Maria

Batch Method: SM 4500 Cl- E Batch End Date: 09/28/11 12:28

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	WTchlLCS 00022	WTchlSP1 00007	WTchlss1 00008		
ICV 460-87571/1		SM 4500 Cl-E		50 mL			2.5 mL		
CCV 460-87571/3		SM 4500 Cl-E		50 mL			2.5 mL		
LCS 460-87571/6		SM 4500 Cl-E		50 mL	50 mL				
CCV 460-87571/15		SM 4500 Cl-E		50 mL			2.5 mL		
460-30837-A-20-A MS	PMP-25-WT-S (7.5-9.5)	SM 4500 Cl-E	Y	50 mL		2.5 mL			
460-30837-A-20-A MSD	PMP-25-WT-S (7.5-9.5)	SM 4500 Cl-E	Y	50 mL		2.5 mL			
CCV 460-87571/21		SM 4500 Cl-E		50 mL			2.5 mL		

Batch Notes	
Batch Comment	Cal. curve: B(02230-02236)11 exp. 09/29/11
Color Reagent ID Number	C-7149-11 exp. 11/31/11

Basis	Basis Description
Y	ASTM

Shipping and Receiving Documents

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	Samplers Name (Printed): Satish Ramrup & C. Gorski	Site/Project Identification: Former McCandless Site
Company: Antea Group	P. O. #: 8E0812485P	State (Location of site): NJ: X NY: Other:
Address: 1031 US Highway 22, Suite 100	Analysis Turnaround Time: Standard X	Regulatory Program: SRP
City: Bridgewater State: NJ	Rush Chrages Authorized For: 2 Week / 1 Week / Other	
Phone: 908-547-3834 Fax:		

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

LAB USE ONLY
Project No: 6440
Job No: 30837

Sample Identification	Date	Time	Matrix	No. of Cont.	VOC no (8260B) Tentacore	BNA+20 (8270C)	PCBs, Chloride	NJ-GRO TPH	Sample Numbers
PMP-2-VD-S (3.5-4.0)	9-8-11	1615	Soils	6	X	X	X	X	1
PMP-2-WT-S (8.0-8.5)	9-8-11	1620	Soils	6	X	X	X	X	2
PMP-2-SI-S (10.5-11.0)	9-8-11	1625	Soils	6	X	X	X	X	3
PMP-24-VS-S (1-3)	9-8-11	1640	Soils	6	X	X	X	X	4
PMP-24-VD-S (4.5-6.0)	9-8-11	1645	Soils	6	X	X	X	X	5
PMP-24-WT-S (~~8.5-12.5~~ 8.5-12.5)	9-8-11	1655	Soils	6	X	X	X	X	6
PMP-24-SI-S (10.5-12.5)	9-8-11	1705	Soils	6	X	X	X	X	7
PMP-22-VS-S (1.5-2.0)	9-8-11	1725	Soils	6	X	X	X	X	8
PMP-22-VD-S (3.5-5.0)	9-8-11	1730	Soils	6	X	X	X	X	9
PMP-22-WT-S (7.0-8.5)	9-8-11	1735	Soils	6	X	X	X	X	10
Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH				Soil:	1,2	1	1	1,2	
6 = Other _____, 7 = Other _____				Water:					

Special Instructions _____ Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date / Time	Received by	Company
Satish Ramrup	Antea Group	9-9-11	1) TR	9/9/11 1410
Relinquished by 2)	Company	Date / Time	Received by 2)	Company
Relinquished by 3)	Company	Date / Time	Received by 3)	Company
Relinquished by 4)	Company	Date / Time	Received by 4)	Company

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). TAL - 0016 (0408)

Massachusetts (M-NJ312), North Carolina (No. 578)

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TestAmerica
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CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice) Carla Nascimento	Samplers Name (Printed) Chris Gorski / Satish Ramsup	Site/Project Identification McCandless - Franklinville NJ
Company Antea Group	P. O. # 8E05124855	State (Location of site): NJ: ✓ NY: ☐ Other:
Address 1031 U.S. Highway 22	Analysis Turnaround Time: Standard ✓	Regulatory Program: SRP
City Bridgewater State NJ	Rush Chrages Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	
Phone 908-547-3834 Fax		

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

LAB USE ONLY
Project No:
Job No: 30837

Sample Identification	Date	Time	Matrix	No. of Cont.	VOC+10 Terracore 5035 8260 Supplies	BNA+20 8270C	8081A PCB's	Chloride	OQA-QAM-025 TPH	Sample Numbers
PMP-23-VS-S (1-3)	9-8-11	1740	soils	6						11
PMP-23-WT-S (6.5-8.5)	9-8-11	1750	soils	6						12
PMP-23-VD-S (3.5-5.0)	9-8-11	1745	soils	6						13
PMP-12-VS-S (0.5-1.0)	9-9-11	0905	soils	6						14
PMP-12-VD-S (2.5-3.0)	9-9-11	0910	soils	6						15
PMP-12-WT-S (7.0-7.5)	9-9-11	0915	soils	6						16
Dup-090811	9-9-11	—	soils	6						17
PMP-25-VS-S (1-3)	9-9-11	0935	soils	6						18
PMP-25-VD-S (3-5)	9-9-11	0940	soils	6						19
PMP-25-WT-S (7.5-9.5)	9-9-11	0945	soils	6						20
Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH				Soil:	1,2	1	1	1	1,2	
6 = Other _____, 7 = Other _____				Water:						

Special Instructions _____ Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date / Time	Received by	Company
Satish Ramsup	Antea Group	9-9-11	1)	9/9/11 14:10
Relinquished by 2)	Company	Date / Time	Received by 2)	Company
Relinquished by 3)	Company	Date / Time	Received by 3)	Company
Relinquished by 4)	Company	Date / Time	Received by 4)	Company

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). TAL - 0016 (0408)

Massachusetts (M-NJ312), North Carolina (No. 578)

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice): Carla Nascimento	Samplers Name (Printed): Chris Borski / Satish Ramp	Site/Project Identification: McCandless - Franklinville NJ
Company: Antea Group	P. O. #: SEO81245 5P	State (Location of site): NJ: ✓ NY: ☐ Other:
Address: 1031 U.S. Highway 22	Analysis Turnaround Time: Standard ✓	Regulatory Program: SRP
City: Bridgewater State: NJ	Rush Chrages Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	
Phone: 908-547-3834 Fax:		

Sample Identification	Date	Time	Matrix	No. of Cont.	VOC+10 8260B	BNA+20 8270C	8081A PCBs	Chloride	TPH OQA-QAM-025	Sample Numbers
PMP-14-VS-S (0.5-1.0)	9-9-11	1000	Soils	6	X	X	X	X	X	21
PMP-14-VD-S (2.5-3.0)	9-9-11	1005	Soil	6	X	X	X	X	X	22
PMP-14-WT-S (7.0-7.5)	9-9-11	1010	Soil	6	X	X	X	X	X	23
PMP-8-VS-S (0.5-1.0)	9-9-11	1015	Soil	6	X	X	X	X	X	24
PMP-8-VD-S (2.5-3.0)	9-9-11	1020	Soil	6	X	X	X	X	X	25
PMP-8-WT-S (7.0-7.5)	9-9-11	1025	Soil	6	X	X	X	X	X	26
PMP-4-VS-S (0.5-1.0)	9-9-11	1030	Soil	6	X	X	X	X	X	27
PMP-4-VD-S (2.5-3.0)	9-9-11	1035	Soil	6	X	X	X	X	X	28
PMP-4-WT-S (7.0-7.5)	9-9-11	1040	Soil	6	X	X	X	X	X	29
Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH				Soil:	1, 2	1	1	1	1, 2	
6 = Other _____, 7 = Other _____				Water:						

LAB USE ONLY
Project No:
Job No: 30837

Special Instructions

Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date / Time	Received by	Company
Satish Ramp	Antea Group	9-9-11	1)	9/9/11 14:10
Relinquished by 2)	Company	Date / Time	Received by 2)	Company
Relinquished by 3)	Company	Date / Time	Received by 3)	Company
Relinquished by 4)	Company	Date / Time	Received by 4)	Company

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). TAL - 0016 (0408)

Massachusetts (M-NJ312), North Carolina (No. 578)

1.7 1.5 3.5 #5

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice) Carla Nascimento	Samplers Name (Printed) Satish Ramrup & C. Gorski	Site/Project Identification McCandless - Franklinville NJ
Company Antea Group	P. O. # 8E0812485P	State (Location of site): NJ: ✓ NY: ☐ Other:
Address 1031 U.S. Highway 22	Analysis Turnaround Time: Standard ✓	Regulatory Program: SRP
City Bridgewater State NJ	Rush Chrages Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	
Phone 908-547-3834 Fax		

Sample Identification	Date	Time	Matrix	No. of Cont.	VOC+10 8260B	BNA+20 8270C	8081A PCBs	Chlordane	OQA-QAM-025, TPH							LAB USE ONLY Project No: / Job No: 30837 / Sample Numbers
FB_090811	9-8-11	1400	Water	9	X	X	X	X	X							30
FB_090911	9-9-11	0745	Water	9	X	X	X	X	X							31
TB_090911	9-9-11	—	Water	4	X											32
Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH 6 = Other _____, 7 = Other _____				Soil:												
				Water:	1,2	1	1	1	1,2							

Special Instructions Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date / Time	Received by	Company
Satish Ramp	Antea Group	9-9-11	1)	9/9/11 14:10
Relinquished by 2)	Company	Date / Time	Received by 2)	Company
Relinquished by 3)	Company	Date / Time	Received by 3)	Company
Relinquished by 4)	Company	Date / Time	Received by 4)	Company

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). TAL - 0016 (0408)

Massachusetts (M-NJ312), North Carolina (No. 578)

1.5 1.7 3.5 #50

Login Sample Receipt Checklist

Client: Antea USA, Inc.

Job Number: 460-30837-1

Login Number: 30837

List Source: TestAmerica Edison

List Number: 1

Creator: McClain, Mark A

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.	N/A	NOT RECEIVED
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	1.7, 1.5, 3.5 C IR#50
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 sample IDs on the containers and the COC.	True	
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.	True	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	